IDAHO ADMINISTRATIVE BULLETIN

Table of Contents Vol-2

January 6, 1999
Volume 99-1

IDAPA 16 - DEPARTMENT OF HEALTH AND WELFARE

16.01.02 - WATER QUALITY STANDARDS AND WASTEWATER TREATMENT REQUIREMENTS

DOCKET NO. 16-0102-9704

NOTICE OF PROPOSED RULE

AUTHORITY: In compliance with Section 67-5221(1), Idaho Code, notice is hereby given that this agency has proposed rulemaking. The action is authorized by Sections 39-105, 39-107, and 39-3601 et seq., Idaho Code, and is being conducted to meet the requirements of the Federal Water Pollution Control Act (Clean Water Act).

PUBLIC HEARING SCHEDULE: Public hearing(s) concerning this proposed rulemaking will be held as a statewide, interactive video teleconference originating in Boise, Idaho on July 20, 1999 at 7:00 p.m. MDT (6:00 p.m. PDT). Hearing locations are:

J. R. Williams Bldg. (Hall of Mirrors)
East Conference Room
700 W. State
Boise, Idaho

Center for Higher Education
Room 314
1776 Science Center Dr.
Idaho Falls, Idaho

College of Southern Idaho
Evergreen Bldg. Room C91
315 Falls Ave.
Twin Falls, Idaho

Work Force Training Center
Room 108
525 W. Clearwater Loop
Post Falls, Idaho

Idaho State University
Library Room B66
850 S. 9th
Pocatello, Idaho

Lewis & Clark State College
Wittman Bldg. Room 120
500 8th Ave.
Lewiston, Idaho

The meeting site(s) will be accessible to persons with disabilities. Requests for accommodation must be made not later than five (5) days prior to the meeting. For arrangements, contact the undersigned at (208)373-0418.

DESCRIPTIVE SUMMARY: The following is a nontechnical explanation of the substance and purpose of the proposed rulemaking:

The proposed rule text is in legislative format. Language the agency proposes to add is underlined. Language the agency proposes to delete is struck out. It is these additions and deletions to which public comment should be addressed.

The basis for the proposed text is to add new aquatic life beneficial uses and criteria; revise recreation beneficial uses and criteria; describe the waters of the state; and modify outdated text. The proposed modifications are also a part of the triennial review of Idaho's Water Quality Standards.

The first major proposal is the addition of two subcategories of the beneficial use aquatic life and corresponding criteria. Cool Water Communities are proposed to describe aquatic life that could exist at conditions between Cold and Warm Water Communities. Next, the designation of Modified Communities depict situations in which natural or man-made alterations limit the attainment of the other aquatic life subcategories. In addition, all waters of the state will be protected for the beneficial uses of agricultural water supply.

The second major proposal is to revise the criteria for the beneficial use recreation by replacing fecal coliform criteria with E. coli criteria as it is more reflective of direct contamination from feces of warm-blooded animals. Next, the seasonality condition was removed from the subcategories. Thus, a water body unit will be designated either Primary or Secondary Contact Recreation and must be protected for that use all year. Those water bodies that are currently designated for both subcategories will be designated for Primary Contact Recreation in order to maintain the most protective use.

All waters of the state are to be detailed and described. This requires reformatting the tables in Sections 110 through 160 from displaying individual subcategories of beneficial uses to only displaying the categories of Aquatic Life,

Recreation, and Other. Within each box corresponding to a water body unit, the appropriate subcategory for each use will be displayed. For example, under Recreation use either Primary Contact Recreation or Secondary Contact Recreation will be designated. The Other category will be used to display Domestic Water Supply and/or Special Resource Water. Approximately 2,800 water body units will be reflected in the tables. Those water body units currently designated will be transferred from the current table to a reformatted table. For example, Section 110, PB-10K describes the Kootenai River from the Idaho-Montana border to Moyie River. In the reformatted table, this segment will be captured by Section 110.02, P-36: Kootenai River from Curley Creek to Moyie River, P-37: Kootenai River from Boulder Creek to Curley Creek, and P-41: Kootenai River from the Idaho-Montana border to Boulder Creek. All the of the designations for Section 110, PB-10K are displayed within Section 110.02 P-36, P-37, and P-41. A water body unit includes all tributaries unless designated otherwise.

Additional changes are as follows:

Section 002. Title and Scope.
- Corrects the citation to this rule chapter.

Section 003. Definitions.
- The following defined words will be added to this section: E.coli, Ephemeral Waters, Hydrologic Unit Code, and Water Body Unit.
- "Appropriate Reference Condition" and "Biota" will be deleted from this section.

Section 299. Ground Water Quality Standards.
- All references to the Ground Water Rule, Section 299, will be deleted. A new Ground Water Rule, IDAPA 16.01.11, was adopted in 1996 and became effective March 20, 1997. This change also involves Section 050.

S**ection 050. Administrative Policy**.
- 03. Annual Program. Language will be added to this section to define the roles of the Continuing Planning Process and the State's Water Quality Management Plan.

Section 053. Beneficial Use Support Status.
- Revised language clarifies that the most recent biological and aquatic habitat parameter guidance is applicable for determining support status.

Section 070. Application of Standards
- 01. Multiple Criteria. The word "classification" will be changed to "designation" to reflect updated terminology.
- 06. Natural Background Conditions. The application of this standard will be expanded from toxic background conditions to include natural background conditions.
- 07. Application of Standards to Intermittent and Ephemeral Waters (New Section). Describes the optimum flow conditions required to support aquatic life and recreation uses in intermittent streams. The Idaho Water Quality Standards do not apply to ephemeral waters because the duration of flow is unable to sustain aquatic life or recreation uses.
- 08. Temperature Criteria (New Section). Describes the Director's discretion to waive or raise the temperature criteria as they pertain to a specific water body. Any determination will be consistent with 40 CFR 131.11 and shall be based on a finding that the designated aquatic life use is not an existing use in such water body or would be fully supported at a higher temperature criteria.

Section 080. Violation of Water Quality Standards.
- 03. E.coli Standard Violation (New Section). Sets forth that a single E. coli sample exceeding the standard does not constitute a violation, but rather triggers the collection of additional samples for the purpose of comparing the results to the geometric mean criteria of Section 251. The section also sets out who is responsible for taking the additional samples.
- 04. Temperature Exemption (New Section). States that when the air temperature exceeds the ninetieth percentile of the warmest seven days of the year, any water temperature exceeded will not be considered a violation.

Section 100. Surface Water Use Designations.
- The language "wherever attainable" will be added to the general description of the section so the standards

will be consistent with the Clean Water Act. The language "water quality appropriate for" will be added to all of the beneficial uses to describe that the water quality standards deal with the quality of the water needed to protect a use.

Section 101. Non Designated Surface Waters.
• 02. Man-Made Waterways. Language will be added to further clarify that agricultural diversion structures, canals, irrigation ditches, and agricultural return flows are not protected for aquatic life or recreation use, only those uses for which they were developed.

Section 109. HUC Index and Abbreviations for Sections 110, 120, 130, 140, 150, and 160 (New Section).
• 01. Displays all subbasins, the corresponding HUC number, and placement of the subbasin throughout the state.
• 02. Describes the name of individual subbasins, the corresponding HUC number, and the rule section in which the water body units of each subbasin are listed.
• 03. Lists the abbreviations used throughout the reformatted designation tables.

Section 110. Panhandle Basin.
Sets out the 14 subsections which describe the waters and their designated uses within the Panhandle Basin. The following water body units will be designated:
Subsection 01: South Callahan Creek - Glad Creek to Idaho/Montana border. Subsection 02: Boundary Creek - Idaho/ Canadian border to mouth; Grass Creek - source to Idaho/Canadian border; Blue Joe Creek - source to Idaho/ Canadian border; Smith Creek - Cow Creek to mouth; Cow Creek - source to mouth; Long Canyon Creek -source to mouth; Parker Creek - source to mouth; Trout Creek - source to mouth; Ball Creek - source to mouth; Myrtle Creek - source to mouth; Cascade Creek - source to mouth; Snow Creek - source to mouth; Caribou Creek - source to mouth; Ruby Creek - source to mouth; Fall Creek - source to mouth; Dodge Creek - source to mouth; Trail Creek - source to mouth; Brown Creek - source to mouth; Twentymile Creek - source to mouth; Cow Creek - source to mouth; Boulder Creek - East Fork Boulder Creek to mouth; Boulder Creek - source to East Fork Boulder Creek; Curley Creek - source to mouth. Subsection 03: Deer Creek - source to mouth; Canuck Creek - Idaho/Montana border to Idaho/ Canadian border; Round Prairie Creek - Gillon Creek to mouth; Gillon Creek - Idaho/Canadian border to mouth; Round Prairie Creek - source to Gillon Creek; Meadow Creek -source to mouth.

Section 120. Clearwater Basin.
Sets out the 10 subsections which describe the waters and their designated uses within the Clearwater Basin. No water body units will be designated at this time.

Section 130. Salmon Basin.
Sets out the 12 subsections which describe the waters and their designated uses within the Salmon Basin. The following water body units will be designated:
Subsection 05: Panther Creek and Big Deer Creek to mouth; Panther Creek - Napias Creek to Big Deer Creek; Panther Creek - Blackbird Creek to Napias Creek. Subsection 06: Withington Creek - source to diversion (T20N, R23E, Sec. 09); McDevitt Creek - source to diversion (T19N, R23E, Sec. 36); Hayden Creek - Basin Creek to mouth; Basin Creek - Lake Creek to mouth; Basin Creek - confluence of McNutt Creek and Trail Creek to Lake Creek; Hayden Creek - Bear Valley Creek to Basin Creek; Bear Valley Creek -Wright Creek to mouth; Bear Valley Creek - source to Wright Creek; Hayden Creek -West Fork Hayden Creek to Bear Valley Creek; Hayden Creek - source to West Fork Hayden Creek; East Fork Hayden Creek - source to mouth; Mill Creek - source to diversion (T16N, R24E, Sec. 22); Big Eightmile Creek - source to diversion (T16N, R25E, Sec. 21); Little Timber Creek - source to diversion (T15N, R25E, Sec. 24); Big Timber Creek - Rocky Creek to Little Timber Creek; Big Timber Creek - source to Rocky Creek; Eighteenmile Creek - Divide Creek to Clear Creek; Eighteenmile Creek - source to Divide Creek; Hawley Creek - source to diversion (T15N, R27E, Sec. 03); Canyon Creek - source to diversion (T16N, R26E, Sec.22); Little Eightmile Creek - source to diversion (T16N, R25E, Sec. 02); Yearian Creek - source to diversion (T17N, R24E, Sec. 03); Agency Creek - Cow Creek to diversion (T19N, R24E, Sec. 28); Cow Creek - source to mouth; Agency Creek - source to Cow Creek; Pattee Creek - source to diversion (T19N, R24E, Sec. 16); Pratt Creek - source to diversion (T20N, R23E, Sec. 11); Kenney Creek - source to mouth; Sandy Creek - source to diversion (T20N, R24E, Sec. 17); Wimpey Creek - source to mouth; Bohannon Creek - source to diversion (T21N, R23E, Sec. 22); Geertson Creek - source to diversion (T21N, R23E, Sec. 20); Kirtley Creek - source to diversion (T21N, R22E, Sec. 02).

Section 140. Southwest Basin.

Sets out the 23 subsections which describe the waters and their designated uses within the Southwest Basin. The following water body units will be designated:
Subsection 01: Dune's Lake. Subsection 02: Sheep Creek - Idaho/Nevada border to mouth; East Fork Jarbridge River - Idaho/Nevada border to mouth. Subsection 03: Snake River - river mile 425 (T02N, R04W, Sec. 02) to Idaho/ Oregon border; Jump Creek - source to mouth; Sinker Creek - source to mouth; Castle Creek - source to mouth. Subsection 04: Boyle Creek Reservoir (Mt. View Lake); Red Canyon Creek - source to mouth. Subsection 07: Noon Creek - source to mouth. Subsection 08: Williams Creek - source to mouth. Subsection 09: Browns Creek - source to mouth; Big Owl/Little Owl Creeks - source to mouth; Crooked River - source to mouth; Rabbit Creek - source to mouth. Subsection 10: Granite Creek - source to mouth; Macks Creek - source to mouth; Robie Creek - source to Lucky Peak Reservoir. Subsection 11: Wood Creek - source to Anderson Ranch Reservoir; Grouse Creek - source to mouth; Willow Creek - source to mouth; Shake Creek - source to mouth; Feather Creek - source to mouth; Smith Creek - source to mouth. Subsection 15: Anderson Creek - source to mouth; Lightning Creek - source to mouth; Big Bulldog Creek - source to mouth; Rattlesnake Creek - source to mouth; Silver Creek - source to mouth; Peace Creek - source to mouth; Bull Creek -source to mouth; Scriver Creek - source to mouth. Subsection 16: Shafer Creek - source to mouth; Harris Creek -source to mouth; Big Willow Creek - source to mouth; Paddock Valley Reservoir. Subsection 17: Little Payette Lake; Twentymile Creek - source to mouth. Subsection 18: Johnson Creek - source to mouth; Pine Creek -source to mouth. Subsection 19: Jenkins Creek - source to mouth; Wildhorse River - confluence of Bear Creek and including Crooked River to mouth; Bear Creek - source to mouth.

Section 150. Upper Snake Basin.
Sets out the 23 subsections which describe the waters and their designated uses within the Upper Snake Basin. The following water body units will be designated:
Subsection 04: Porcupine Creek - source to mouth; Thirsty Creek - source to Idaho/Wyoming border; Targhee Creek - source to mouth; Hotel Creek - source to mouth; Icehouse Creek - source to Island Park Reservoir; Sheridan Creek - Kilgore Road (T13N, R41E, Sec. 07) to mouth; Sheridan Creek - source to Kilgore Road (T13N, R41E, Sec. 07); Island Park Reservoir; Henrys Lake; Howard Creek - source to mouth; Duck Creek -source to mouth; Yale Creek - source to mouth. Subsection 17: Edie Creek - source to mouth; Fritz Creek -source to mouth; Irving creek - source to mouth; Warm Creek - source to mouth; West Fork Indian Creek - source to mouth; Webber Creek - source to mouth.

Section 160. Bear Basin.
Sets out the 6 subsections which describe the waters and their designated uses within the Bear Basin. The following water body units will be designated:
Subsection 01: Dry Creek - source to mouth; Preuss Creek - source to mouth; Salt Creek - source to Idaho/Wyoming border. Subsection 02: Bailey Creek - source to mouth; Eightmile Creek - source to mouth; Pearl Creek - source to mouth; Stauffer Creek - source to mouth; Skinner Creek - source to mouth; Co-op Creek -source to mouth.

Section 210. Numeric Criteria for Toxic Substances for Waters Designated for Aquatic Life, Recreation, or Domestic Water Supply Use.
• A new section will be created to reference all toxic criteria for waters designated for aquatic life, recreation, and domestic water supply use.

Section 250 - 253.
Section 250. Surface Water Quality Criteria for Use Classification will be divided into four new sections to reflect the criteria of each beneficial use.

Section 250. Surface Water Quality Criteria for Aquatic Life Communities Use Designations.
The ammonia tables for all aquatic life criteria will be removed, only the formulas will remain. With the formulas published, the tables are not needed. The time table within salmonid spawning will be removed. Criteria for "Cool Water Communities" and "Modified Communities" are set forth in this section.

Section 251. Surface Water Quality Criteria for Recreation Use Designations.
The criteria will be changed from fecal coliform to E.coli as it is more reflective of feces contamination from warm-blooded animals.

Section 252. Surface Water Quality Criteria for Water Supplies.

Section 253. Surface Water Quality Criteria for Wildlife and Aesthetics.

No substantive changes occur within the criteria for these sections; only new section numbers will be assigned.

Section 300. Gas Supersaturation.
- Moved from Section 900 to Section 300, no changes in text.

Section 997. Confidentiality of Records.
- Updates the public disclosure and confidentiality requirements.

After consideration of public comments, the Department of Health and Welfare, Division of Environmental Quality (DEQ) intends to present the final proposal to the Board of Health and Welfare in November 1999 for adoption of a pending rule.

NEGOTIATED RULEMAKING: The text of the rule is based on a consensus recommendation resulting from the negotiated rulemaking process. The negotiation was open to the public. Participants in the negotiation included industry groups and timber, mining, agriculture and environmental organizations. The Notice of Negotiated Rulemaking was published in the Idaho Administrative Bulletin, Volume 97-12, December 3, 1997, page 101.

GENERAL INFORMATION: For more information about DEQ's programs and activities, visit DEQ's web site at www.state.id.us/deq.

ASSISTANCE ON TECHNICAL QUESTIONS AND SUBMISSION OF WRITTEN COMMENTS: For assistance on technical questions concerning this rule, contact Calli Daly at (208)373-0502 or cdaly@deq.state.id.us.

Anyone can submit written comments by mail, fax or e-mail at the address below regarding this proposed rule. All written comments must be received by the undersigned on or before August 2, 1999.

DATED this 23rd day of April, 1999.

Paula Junae Saul
Environmental Quality Section
Attorney General's Office
1410 N. Hilton
Boise, Idaho 83706-1255
Fax No. (208)373-0481
psaul@deq.state.id.us

Due to the complexity of this rulemaking, only those Subsections being amended are printed in this docket. Those Sections printed in this docket that have Subsections with no changes are identified as follows: "No Change To This Subsection."

THE FOLLOWING IS TEXT OF DOCKET NO. 16-0102-9704

002. TITLE AND SCOPE.

01. Title. These rules ~~are to be known and~~ shall be cited as ~~Idaho~~ Rules of the Department of Health and Welfare ~~Rules~~, IDAPA 16.01.02, "Water Quality Standards and Wastewater Treatment Requirements".

~~(7-1-93)~~( )

02. Scope. These rules designate uses which are to be protected in and of the waters of the state and establish standards of water quality protective of those uses. Restrictions are placed on the discharge of wastewaters and on human activities which may adversely affect water quality in the waters of the state. In addition, unique and outstanding waters of the state are recognized. These rules do not provide any legal basis for an additional permit system, nor can they be construed as granting to the Department any authority not identified in the Idaho Code. (7-1-93)

003. DEFINITIONS ~~AND ABBREVIATIONS~~.
For the purpose of the rules contained in IDAPA 16. ~~Title~~ 01~~.~~. ~~Chapter~~ 02, "Water Quality Standards and Wastewater Treatment Requirements," the following definitions ~~and abbreviations~~ apply: ~~(7-1-93)~~( )

01. Acute. Involving a stimulus severe enough to rapidly induce a response; in aquatic toxicity tests, a response measuring lethality observed in ninety-six (96) hours or less is typically considered acute. When referring to human health, an acute effect is not always measured in terms of lethality. (3-20-97)

02. Acute Criteria. The maximum instantaneous or one (1) hour average concentration of a toxic substance or effluent which ensures adequate protection of sensitive species of aquatic organisms from acute toxicity resulting from exposure to the toxic substance or effluent. Acute criteria will adequately protect the designated aquatic life use if not exceeded more than once every three years. (8-24-94)

03. Acute Toxicity. The existence of mortality or injury to aquatic organisms resulting from a single or short-term (i.e., ninety-six (96) hours or less) exposure to a substance. As applied to toxicity tests, acute toxicity refers to the response of aquatic test organisms to a concentration of a toxic substance or effluent which results in a LC-50. (3-20-97)

04. Beneficial Use. Any of the various uses which may be made of the water of Idaho, including, but not limited to, domestic water supplies, industrial water supplies, agricultural water supplies, navigation, recreation in and on the water, wildlife habitat, and aesthetics. The beneficial use is dependent upon actual use, the ability of the water to support a non-existing use either now or in the future, and its likelihood of being used in a given manner. The use of water for the purpose of wastewater dilution or as a receiving water for a waste treatment facility effluent is not a beneficial use. (8-24-94)

~~**05. Appropriate Reference Condition**. The condition existing at a site on the same water body, or within the same basin or ecoregion that has similar habitat conditions, and represents the water quality and biological community attainable under minimally impacted conditions. (8-24-94)~~

0~~6~~5. Aquatic Species. Any plant or animal that lives at least part of its life in the water column or benthic portion of waters of the state. (8-24-94)

0~~7~~6. Background. The biological, chemical or physical condition of waters measured at a point immediately upstream (up-gradient) of the influence of an individual point or nonpoint source discharge. If several discharges to the water exist or if an adequate upstream point of measurement is absent, the department will determine where background conditions should be measured. (8-24-94)

0~~8~~7. Basin Advisory Group. No less than one advisory group named by the Director, in consultation with the designated agencies, for each of the state's six (6) major river basins which shall generally advise the Director on water quality objectives for each basin, work in a cooperative manner with the Director to achieve these objectives, and provide general coordination of the water quality programs of all public agencies pertinent to each basin. Each basin advisory group named by the Director shall reflect a balanced representation of the interests in the basin and shall, where appropriate, include representatives from each of the following: agriculture, mining, nonmunicipal point source discharge permittees, forest products, local government, livestock, Indian tribes (for areas within reservation boundaries), water-based recreation, and environmental interests. (3-20-97)

0~~9~~8. Best Management Practice. A practice or combination of practices, techniques or measures developed, or identified, by the designated agency and identified in the state water quality management plan which

are determined to be the cost-effective and practicable means of preventing or reducing the amount of pollution generated by nonpoint sources to a level compatible with water quality goals. (3-20-97)

~~10~~9. **Bioaccumulation**. The process by which a compound is taken up by, and accumulated in the tissues of an aquatic organism from the environment, both from water and through food. (8-24-94)

~~11~~0. **Biochemical Oxygen Demand (BOD)**. The measure of the amount of oxygen necessary to satisfy the biochemical oxidation requirements of organic materials at the time the sample is collected; unless otherwise specified, this term will mean the five (5) day BOD incubated at twenty (20) degrees C. (8-24-94)

~~12~~1. **Biological Monitoring Or Biomonitoring**. The use of a biological entity as a detector and its response as a measure to determine environmental conditions. Toxicity tests and biological surveys, including habitat monitoring, are common biomonitoring methods. (8-24-94)

~~13. **Biota**. The plants and animals of a specified area.~~ ~~(7-1-93)~~

~~14~~2. **Board**. The Idaho Board of Health and Welfare. (7-1-93)

~~15~~3. **Chronic**. Involving a stimulus that lingers or continues for a relatively long period of time, often one-tenth (0.1) of the life span or more. Chronic should be considered a relative term depending on the life span of an organism. The measurement of a chronic effect can be reduced growth, reduced reproduction, etc., in addition to lethality. (8-24-94)

~~16~~4. **Chronic Criteria**. The four (4) day average concentration of a toxic substance or effluent which ensures adequate protection of sensitive species of aquatic organisms from chronic toxicity resulting from exposure to the toxic substance or effluent. Chronic criteria will adequately protect the designated aquatic life use if not exceeded more than once every three (3) years. (8-24-94)

~~17~~5. **Chronic Toxicity**. The existence of mortality, injury, reduced growth, impaired reproduction, or any other adverse effect on aquatic organisms resulting from a long-term (i.e., one-tenth (0.1) or more of the organism's life span) exposure to a substance. As applied to toxicity tests, chronic toxicity refers to the response of aquatic organisms to a concentration of a toxic substance or effluent which results in an IC-25. (8-24-94)

~~18~~6. **Compliance Schedule Or Schedule Of Compliance**. A schedule of remedial measures including an enforceable sequence of actions or operations leading to compliance with an effluent limitation, other limitation, prohibition, or standard. (8-24-94)

~~19~~7. **Daily Mean**. The average of at least two (2) appropriately spaced measurements, acceptable to the department, calculated over a period of one (1) day: (3-20-97)

a. Confidence bounds around the point estimate of the mean may be required to determine the sample size necessary to calculate a daily mean; (8-24-94)

b. If any measurement is greater or less than five-tenths (0.5) times the average, additional measurements over the one-day period may be needed to obtain a more representative average; (3-20-97)

c. In calculating the daily mean for dissolved oxygen, values used in the calculation shall not exceed the dissolved oxygen saturation value. If a measured value exceeds the dissolved oxygen saturation value, then the dissolved oxygen saturation value will be used in calculating the daily mean. (8-24-94)

~~20~~18. **Deleterious Material**. Any nontoxic substance which may cause the tainting of edible species of fish, taste and odors in drinking water supplies, or the reduction of the usability of water without causing physical injury to water users or aquatic and terrestrial organisms. (8-24-94)

~~21~~9. **Department**. The Idaho Department of Health and Welfare. (7-1-93)

~~22~~0. **Design Flow**. The critical flow used for steady-state wasteload allocation modeling. (8-24-94)

~~23~~**1.** **Designated Agency**. The department of lands for timber harvest activities, oil and gas exploration and development, and mining activities; the soil conservation commission for grazing and agricultural activities; the transportation department for public road construction; the department of agriculture for aquaculture; and the Department's division of environmental quality for all other activities. (3-20-97)

~~24~~**2.** **Designated Beneficial Use Or Designated Use**. Those beneficial uses assigned to identified waters in Idaho Department of Health and Welfare Rules, IDAPA 16.01.02, "Water Quality Standards and Wastewater Treatment Requirements," Sections 110 through 160 ~~and 299~~, whether or not the uses are being attained. ~~(8-24-94)~~( )

~~25~~**3.** **Desirable Species**. Species indigenous to the area or those introduced by the Idaho Department of Fish and Game. (7-1-93)

~~26~~**4.** **Director**. The Director of the Idaho Department of Health and Welfare or his authorized agent. (7-1-93)

~~27~~**5.** **Discharge**. When used without qualification, any spilling, leaking, emitting, escaping, leaching, or disposing of a pollutant into the waters of the state. (8-24-94)

~~28~~**6.** **Disinfection**. A method of reducing the pathogenic or objectionable organisms by means of chemicals or other acceptable means. (7-1-93)

~~29~~**7.** **Dissolved Oxygen (DO)**. The measure of the amount of oxygen dissolved in the water, usually expressed in mg/1. (7-1-93)

~~30~~**28.** **Dissolved Product**. Petroleum product constituents found in solution with water. (8-24-94)

~~31~~**29.** **Dynamic Model**. A computer simulation model that uses real or derived time series data to predict a time series of observed or derived receiving water concentrations. Dynamic modeling methods include continuous simulation, Monte Carlo simulations, lognormal probability modeling, or other similar statistical or deterministic techniques. (8-24-94)

30. **E. coli (Escherichia coli)**. A common fecal and intestinal organism of the coliform group of bacteria found in warm-blooded animals. ( )

~~32~~**1.** **Effluent**. Any wastewater discharged from a treatment facility. (7-1-93)

~~33~~**2.** **Effluent Biomonitoring**. The measurement of the biological effects of effluents (e.g., toxicity, biostimulation, bioaccumulation, etc.). (8-24-94)

~~34~~**3.** **EPA**. The United States Environmental Protection Agency. (7-1-93)

34. **Ephemeral Waters**. A stream, reach, or water body that flows only in direct response to precipitation in the immediate watershed and whose channel is at all times above the water table. ( )

35. **Existing Beneficial Use Or Existing Use**. Those beneficial uses actually attained in waters on or after November 28, 1975, whether or not they are designated for those waters in Idaho Department of Health and Welfare Rules, IDAPA 16.01.02, "Water Quality Standards and Wastewater Treatment Requirements". (8-24-94)

36. **Facility**. As used in Section 850 only, any building, structure, installation, equipment, pipe or pipeline, well pit, pond, lagoon, impoundment, ditch, landfill, storage container, motor vehicle, rolling stock or aircraft, area, place or property from which an unauthorized release of hazardous materials has occurred. (8-24-94)

37. **Fecal Coliform**. The portion of the coliform group of bacteria present in the gut and feces of warm-blooded animals, usually expressed as number of organisms/one hundred (100) ml of sample. (7-1-93)

38. Four (4) Day Average. The mean of the twenty-four (24) hour average values calculated over a period of ninety-six (96) consecutive hours. (3-20-97)

39. Free Product. A petroleum product that is present as a nonaqueous phase liquid. Free product includes the presence of petroleum greater than one-tenth (0.1) inch as measured on the water surface for surface water or the water table for ground water. (7-1-93)

40. Full Protection, Full Support, Or Full Maintenance Of Designated Beneficial Uses Of Water. Compliance with those levels of water quality criteria listed in Sections 200, 210, 250, 251, 252, 253, and 275 (if applicable)~~, and 299~~ or with the reference streams or conditions approved by the Director in consultation with the appropriate basin advisory group. ~~(3-20-97)~~( )

41. Geometric Mean. The geometric mean of "n" quantities is the "nth" root of the product of the quantities. (7-1-93)

42. Ground Water. Subsurface water comprising the zone of saturation. (8-24-94)

43. Harmonic Mean Flow. The number of daily flow measurements divided by the sum of the reciprocals of the flows (i.e., the reciprocal of the mean of reciprocals). (8-24-94)

44. Hazardous Material. A material or combination of materials which, when discharged in any quantity into state waters, presents a substantial present or potential hazard to human health, the public health, or the environment. Unless otherwise specified, published guides such as Quality Criteria for Water (1976) by EPA, Water Quality Criteria (Second Edition, 1963) by the state of California Water Quality Control Board, their subsequent revisions, and more recent research papers, regulations and guidelines will be used in identifying individual and specific materials and in evaluating the tolerances of the identified materials for the beneficial uses indicated. (7-1-93)

45. Hydrologic Unit Code (HUC). A unique eight (8) digit number identifying a subbasin. A subbasin is a United States Geological Survey cataloging unit comprised of water body units. ( )

4~~5~~6. Hydrologically-Based Design Flow. A statistically derived receiving water design flow based on the selection and identification of an extreme value (e.g., 1Q10, 7Q10). The underlying assumption is that the design flow will occur X number of times in Y years, and limits the number of years in which one or more excursions below the design flow can occur. (8-24-94)

4~~6~~7. Hypolimnion. The deepest zone in a thermally-stratified body of water. It is fairly uniform in temperature and lies beneath a zone of water which exhibits a rapid temperature drop with depth of at least one (1) degree C per meter. (3-20-97)

4~~7~~8. Inhibition Concentration-25 (IC-25). A point estimate of the toxicant concentration that would cause a twenty-five percent (25%) reduction in a non-lethal biological measurement of the test organisms, such as reproduction or growth. Determined using curve fitting with an assumption of a continuous dose-response relationship. An IC-25 is approximately the analogue of NOEC. (8-24-94)

4~~8~~9. Instantaneous Concentration. A concentration of a substance measured at any moment (instant) in time. (8-24-94)

4~~9~~50. Inter-Departmental Coordination. Consultation with those agencies responsible for enforcing or administering the practices listed as approved best management practices in Subsection 350.03. (7-1-93)

5~~0~~1. Intermittent ~~Stream~~Waters. A stream, reach, or water body which has a period of zero (0) flow for at least one (1) week during most years. Where flow records are available, a stream with a 7Q2 hydrologically-based ~~design~~ flow of less than one-tenth (0.1) cfs is considered intermittent. Streams with natural perennial pools ~~which create~~ containing significant aquatic life uses are not intermittent. ~~(3-20-97)~~( )

5~~1~~2. Land Application. A process or activity involving application of wastewater, surface water, or

semi-liquid material to the land surface for the purpose of disposal, pollutant removal, or ground water recharge. (8-24-94)

5~~2~~3. LC-50. The toxicant concentration killing fifty percent (50%) of exposed organisms at a specific time of observation (e.g., ninety-six (96) hours). (3-20-97)

5~~3~~4. Load Allocation (LA). The portion of a receiving water's loading capacity that is attributed either to one (1) of its existing or future nonpoint sources of pollution or to natural background sources. (8-24-94)

5~~4~~5. Loading Capacity. The greatest amount of pollutant loading that a water can receive without violating water quality standards. (8-24-94)

5~~5~~6. Lower Water Quality. A measurable adverse change in a chemical, physical, or biological parameter of water relevant to a beneficial use, and which can be expressed numerically. Measurable change is determined by a statistically significant difference between sample means using standard methods for analysis and statistical interpretation appropriate to the parameter. Statistical significance is defined as the ninety-five percent (95%) confidence limit when significance is not otherwise defined for the parameter in standard methods or practices. (3-20-97)

5~~6~~7. Lowest Observed Effect Concentration (LOEC). The lowest concentration of a toxicant or an effluent that results in observable adverse effects in the aquatic test population. (8-24-94)

5~~7~~8. Man-Made Waterways. Canals, flumes, ditches, and similar features, constructed for the purpose of water conveyance. (7-1-93)

5~~8~~9. Milligrams Per Liter (mg/l). Milligrams of solute per liter of solution, equivalent to parts per million, assuming unit density. (7-1-93)

5~~9~~60. Mixing Zone. A defined area or volume of the receiving water surrounding or adjacent to a wastewater discharge where the receiving water, as a result of the discharge, may not meet all applicable water quality criteria or standards. It is considered a place where wastewater mixes with receiving water and not as a place where effluents are treated. (7-1-93)

6~~0~~1. National Pollutant Discharge Elimination System (NPDES). Point source permitting program established pursuant to Section 402 of the federal Clean Water Act. (8-24-94)

6~~1~~2. Nephelometric Turbidity Units (NTU). A measure of turbidity based on a comparison of the intensity of the light scattered by the sample under defined conditions with the intensity of the light scattered by a standard reference suspension under the same conditions. (8-24-94)

6~~2~~3. Nonpoint Source Activities. Activities on a geographical area on which pollutants are deposited or dissolved or suspended in water applied to or incident on that area, the resultant mixture being discharged into the waters of the state. Nonpoint source activities on ORWs do not include issuance of water rights permits or licenses, allocation of water rights, operation of diversions, or impoundments. Nonpoint sources activities include, but are not limited to: (3-20-97)

a. Irrigated and nonirrigated lands used for: (7-1-93)

i. Grazing; (7-1-93)

ii. Crop production; (7-1-93)

iii. Silviculture; (7-1-93)

b. Log storage or rafting; (7-1-93)

c. Construction sites; (7-1-93)

d. Recreation sites; (3-20-97)

e. Septic tank disposal fields. (8-24-94)

f. Mining; (3-20-97)

g. Runoff from storms or other weather related events; and (3-20-97)

h. Other activities not subject to regulation under the federal national pollutant discharge elimination system. (3-20-97)

~~03~~4. **No Observed Adverse Effect Level (NOAEL)**. A threshold dose of a toxic substance or an effluent below which no adverse biological effects are observed, as identified from chronic or subchronic human epidemiology studies or animal exposure studies. (8-24-94)

~~04~~5. **No Observed Effect Concentration (NOEC)**. The highest concentration of a toxic substance or an effluent at which no adverse effects are observed on the aquatic test organisms. Determined using hypothesis testing with the assumption of a noncontinuous threshold model of the dose-response relationship. (8-24-94)

~~05~~6. **Nuisance**. Anything which is injurious to the public health or an obstruction to the free use, in the customary manner, of any waters of the state. (7-1-93)

~~06~~7. **Nutrients**. The major substances necessary for the growth and reproduction of aquatic plant life, consisting of nitrogen, phosphorus, and carbon compounds. (7-1-93)

~~07~~8. **One Day Minimum**. The lowest daily instantaneous value measured. (3-20-97)

~~08~~9. **One Hour Average**. The mean of at least two (2) appropriately spaced measurements, as determined by the Department, calculated over a period of one (1) hour. When three (3) or more measurements have been taken, and if any measurement is greater or less than five-tenths (0.5) times the mean, additional measurements over the one-hour period may be needed to obtain a more representative mean. (3-20-97)

~~09~~70. **Operator**. Any person presently or who was at any time during a release in control of, or having responsibility for, the daily operation of the PST system. (7-1-93)

~~10~~1. **Outstanding Resource Water (ORW)**. A high quality water, such as water of national and state parks and wildlife refuges and water of exceptional recreational or ecological significance, which has been designated by the legislature and subsequently listed in this chapter. ORW constitutes an outstanding national or state resource that requires protection from point and nonpoint source activities that may lower water quality. (3-20-97)

~~11~~2. **Outstanding Resource Water Mixing Zone**. An area or volume of an ORW where pollutants are allowed to mix with the ORW receiving water at a location distinct from the sampling point where compliance with ORW quality standards is measured. An ORW mixing zone will be downstream from the discharge of a tributary or a segment immediately upstream which contains man caused pollutants as a result of nonpoint source activities occurring on that tributary or segment. As a result of the discharge, the mixing zone may not meet all water quality standards applicable to the ORW, but shall still be protected for existing beneficial uses. The Department, after consideration of input from interested parties, will determine the size, configuration and location of mixing zones which are necessary to meet the requirements of this chapter. (7-1-93)

~~12~~3. **Owner**. Any person who owns or owned a PST system any time during a release and the current owner of the property where the PST system is or was located. (7-1-93)

~~13~~4. **Person**. An individual, public or private corporation, partnership, association, firm, joint stock company, joint venture, trust, estate, state, municipality, commission, political subdivision of the state, state or federal agency, department or instrumentality, special district, interstate body or any legal entity, which is recognized by law as the subject of rights and duties. (3-20-97)

74~~5~~. Petroleum Products. Products derived from petroleum through various refining processes. (7-1-93)

75~~6~~. Petroleum Storage Tank (PST) System. Any one or combination of storage tanks or other containers, including pipes connected thereto, dispensing equipment, and other connected ancillary equipment, and stationary or mobile equipment, that contains petroleum or a mixture of petroleum with de minimis quantities of other regulated substances. (7-1-93)

76~~7~~. Point Source. Any discernible, confined, and discrete conveyance, including, but not limited to any pipe, ditch, channel, tunnel, conduit, well, discrete fissure, container, rolling stock, concentrated animal feeding operation, or vessel or other floating craft, from which pollutants are, or may be, discharged. This term does not include return flows from irrigated agriculture, discharges from dams and hydroelectric generating facilities or any source or activity considered a nonpoint source by definition. (7-1-93)

77~~8~~. Pollutant. Dredged spoil, solid waste, incinerator residue, sewage, garbage, sewage sludge, munitions, chemical waste, biological materials, radioactive materials, heat, wrecked or discarded equipment, rock, sand, silt, cellar dirt; and industrial, municipal and agricultural waste, gases entrained in water; or other materials which, when discharged to water in excessive quantities, cause or contribute to water pollution. Provided however, biological materials shall not include live or occasional dead fish that may accidentally escape into the waters of the state from aquaculture facilities. (3-20-97)

78~~9~~. Potable Water. A water which is free from impurities in such amounts that it is safe for human consumption without treatment. (7-1-93)

79~~80~~. Primary Treatment. Processes or methods that serve as the first stage treatment of wastewater, intended for removal of suspended and settleable solids by gravity sedimentation; provides no changes in dissolved and colloidal matter in the sewage or wastes flow. (7-1-93)

80~~1~~. Project Plans. Documents which describe actions to be taken under a proposed activity. These documents include environmental impact statements, environmental assessments, and other land use or resource management plans. (7-1-93)

81~~2~~. Receiving Waters. Those waters which receive pollutants from point or nonpoint sources. (7-1-93)

82~~3~~. Recharge. The process of adding water to the zone of saturation. (7-1-93)

83~~4~~. Recharge Water. Water that is specifically utilized for the purpose of adding water to the zone of saturation. (7-1-93)

84~~5~~. Reference Stream Or Condition. A water body which represents the minimum conditions necessary to fully support the applicable designated beneficial uses as further specified in these rules, or natural conditions with few impacts from human activities and which are representative of the highest level of support attainable in the basin. In highly mineralized areas or in the absence of such reference streams or water bodies, the Director, in consultation with the basin advisory group and the technical advisors to it, may define appropriate hypothetical reference conditions or may use monitoring data specific to the site in question to determine conditions in which the beneficial uses are fully supported. (3-20-97)

85~~6~~. Release. Any unauthorized spilling, leaking, emitting, discharging, escaping, leaching, or disposing into soil, ground water, or surface water. (8-24-94)

86~~7~~. Resident Species. Those species that commonly occur in a site including those that occur only seasonally or intermittently. This includes the species, genera, families, orders, classes, and phyla that: (8-24-94)

a. Are usually present at the site; (8-24-94)

b. Are present only seasonally due to migration; (8-24-94)

c. Are present intermittently because they periodically return or extend their ranges into the site; (8-24-94)

d. Were present at the site in the past but are not currently due to degraded conditions, and are expected to be present at the site when conditions improve; and (8-24-94)

e. Are present in nearby bodies of water but are not currently present at the site due to degraded conditions, and are expected to be present at the site when conditions improve. (8-24-94)

~~87~~8. **Responsible Persons In Charge**. Any person who: (8-24-94)

a. By any acts or omissions, caused, contributed to or exacerbated an unauthorized release of hazardous materials; (8-24-94)

b. Owns or owned the facility from which the unauthorized release occurred and the current owner of the property where the facility is or was located; or (8-24-94)

c. Presently or who was at any time during an unauthorized release in control of, or had responsibility for, the daily operation of the facility from which an unauthorized release occurred. (8-24-94)

~~88~~9. **Saturated Zone**. Zone or layer beneath the earth's surface in which all of the pore spaces of rock or soil are filled with water. (7-1-93)

~~89~~0. **Secondary Treatment**. Processes or methods for the supplemental treatment of wastewater, usually following primary treatment, to affect additional improvement in the quality of the treated wastes by biological means of various types which are designed to remove or modify organic matter. (7-1-93)

~~90~~1. **Seven Day Mean**. The average of the daily mean values calculated over a period of seven (7) consecutive days. (3-20-97)

~~91~~2. **Sewage**. The water-carried human or animal waste from residences, buildings, industrial establishments or other places, together with such ground water infiltration and surface water as may be present. (8-24-94)

~~92~~3. **Short-Term Or Temporary Activity**. An activity which is limited in scope and is expected to have only minimal impact on water quality as determined by the Director. Short-term or temporary activities include, but are not limited to, those activities described in Subsection 080.02. (3-20-97)

~~93~~4. **Silviculture**. Those activities associated with the regeneration, growing and harvesting of trees and timber including, but not limited to, disposal of logging slash, preparing sites for new stands of trees to be either planted or allowed to regenerate through natural means, road construction and road maintenance, drainage of surface water which inhibits tree growth or logging operations, fertilization, application of herbicides or pesticides, all logging operations, and all forest management techniques employed to enhance the growth of stands of trees or timber. (3-20-97)

~~94~~5. **Sludge**. The semi-liquid mass produced by partial dewatering of potable or spent process waters or wastewater. (7-1-93)

~~95~~6. **Special Resource Water**. Those specific segments or bodies of water which are recognized as needing intensive protection: (7-1-93)

a. To preserve outstanding or unique characteristics; or (7-1-93)

b. To maintain current beneficial use. (7-1-93)

~~96~~7. **Specialized Best Management Practices**. Those practices designed with consideration of geology,

land type, soil type, erosion hazard, climate and cumulative effects in order to fully protect the beneficial uses of water, and to prevent or reduce the pollution generated by nonpoint sources. (3-3-87)

~~97~~8. **State**. The state of Idaho. (7-1-93)

~~98~~9. **State Water Quality Management Plan**. The state management plan developed and updated by the Department in accordance with Sections 205, 208, and 303 of the Clean Water Act. (3-20-97)

~~99~~100. **Steady-State Model**. A fate and transport model that uses constant values of input variables to predict constant values of receiving water quality concentrations. (8-24-94)

10~~0~~1. **Subsurface Disposal**. Disposal of effluent below ground surface, including, but not limited to, drainfields or sewage beds. (7-1-93)

10~~1~~2. **Suspended Sediment**. Organic and inorganic particulate matter which has been removed from its site of origin and measured while suspended in surface water. (7-1-93)

10~~2~~3. **Technology-Based Effluent Limitation**. Treatment requirements under Section 301(b) of the Clean Water Act that represent the minimum level of control that must be imposed in a permit issued under Section 402 of the Clean Water Act. (8-24-94)

10~~3~~4. **Total Maximum Daily Load (TMDL)**. The sum of the individual wasteload allocations (WLAs) for point sources, load allocations (LAs) for nonpoint sources, and natural background. Such load shall be established at a level necessary to implement the applicable water quality standards with seasonal variations and a margin of safety which takes into account any lack of knowledge concerning the relationship between effluent limitations and water quality. (8-24-94)

10~~4~~5. **Toxicity Test**. A procedure used to determine the toxicity of a chemical or an effluent using living organisms. A toxicity test measures the degree of response of an exposed test organism to a specific chemical or effluent. (8-24-94)

10~~5~~6. **Toxic Substance**. Any substance, material or disease-causing agent, or a combination thereof, which after discharge to waters of the State and upon exposure, ingestion, inhalation or assimilation into any organism (including humans), either directly from the environment or indirectly by ingestion through food chains, will cause death, disease, behavioral abnormalities, malignancy, genetic mutation, physiological abnormalities (including malfunctions in reproduction) or physical deformations in affected organisms or their offspring. Toxic substances include, but are not limited to, the one hundred twenty-six (126) priority pollutants identified by EPA pursuant to Section 307(a) of the federal Clean Water Act. (8-24-94)

10~~6~~7. **Treatment**. A process or activity conducted for the purpose of removing pollutants from wastewater. (7-1-93)

10~~7~~8. **Treatment System**. Any physical facility or land area for the purpose of collecting, treating, neutralizing or stabilizing pollutants including treatment by disposal plants, the necessary intercepting, outfall and outlet sewers, pumping stations integral to such plants or sewers, equipment and furnishing thereof and their appurtenances. (7-1-93)

10~~8~~9. **Trihalomethane (THM)**. THM means one of the family of organic compounds named as derivatives of methane, wherein three (3) of the four (4) hydrogen atoms in the molecular structure of methane are substituted by one (1) of the chemical elements chlorine, bromine or iodine. (7-1-93)

~~109~~10. **Twenty-Four Hour Average**. The mean of at least two (2) appropriately spaced measurements, as determined by the Department, calculated over a period of twenty-four (24) consecutive hours. When three (3) or more measurements have been taken, and if any measurement is greater or less than five-tenths (0.5) times the mean, additional measurements over the twenty-four (24)-hour period may be needed to obtain a more representative mean. (3-20-97)

1101. Unique Ecological Significance. The attribute of any stream or water body which is inhabited or supports an endangered or threatened species of plant or animal or a species of special concern identified by the Idaho Department of Fish and Game, which provides anadromous fish passage, or which provides spawning or rearing habitat for anadromous or desirable species of lake dwelling fishes. (8-24-94)

112. Wasteload Allocation (WLA). The portion of a receiving water's loading capacity that is allocated to one of its existing or future point sources of pollution. (8-24-94)

123. Wastewater. Unless otherwise specified, sewage, industrial waste, agricultural waste, and associated solids or combinations of these, whether treated or untreated, together with such water as is present. (7-1-93)

14. Water Body Unit. Includes all named and unnamed tributaries within a drainage and is considered a single unit unless designated otherwise. ( )

135. Water Pollution. Any alteration of the physical, thermal, chemical, biological, or radioactive properties of any waters of the state, or the discharge of any pollutant into the waters of the state, which will or is likely to create a nuisance or to render such waters harmful, detrimental or injurious to public health, safety or welfare, or to fish and wildlife, or to domestic, commercial, industrial, recreational, aesthetic, or other beneficial uses. (8-24-94)

146. Water Quality-Based Effluent Limitation. An effluent limitation that refers to specific levels of water quality that are expected to render a body of water suitable for its designated or existing beneficial uses. (8-24-94)

157. Water Quality Limited Water Body. After monitoring, evaluation of required pollution controls, and consultation with the appropriate basin and watershed advisory groups, a water body identified by the Department, which does not meet applicable water quality standards, and/or is not expected to meet applicable water quality standards after the application of required pollution controls. A water body identified as water quality limited shall require the development of a TMDL or other equivalent process in accordance with Section 303 of the Clean Water Act and Sections 39-3601 et seq., Idaho Code. (3-20-97)

168. Waters And Waters Of The State. All the accumulations of water, surface and underground, natural and artificial, public and private, or parts thereof which are wholly or partially within, which flow through or border upon the state. (7-1-93)

179. Watershed. The land area from which water flows into a stream or other body of water which drains the area. (3-20-97)

18820. Watershed Advisory Group. An advisory group appointed by the Director, with the advice of the appropriate Basin Advisory Group, which will recommend to the Department those specific actions needed to control point and nonpoint sources of pollution affecting water quality limited water bodies within the watershed. Members of each watershed advisory group shall be representative of the industries and interests affected by the management of that watershed, along with representatives of local government and the land managing or regulatory agencies with an interest in the management of that watershed and the quality of the water bodies within it. (3-20-97)

19021. Whole-Effluent Toxicity. The aggregate toxic effect of an effluent measured directly with a toxicity test. (8-24-94)

(BREAK IN CONTINUITY OF SECTIONS)

050. ADMINISTRATIVE POLICY.

01. Apportionment Of Water. The adoption of water quality standards and the enforcement of such

standards is not intended to conflict with the apportionment of water to the state through any of the interstate compacts or court decrees, or to interfere with the rights of Idaho appropriators, either now or in the future, in the utilization of the water appropriations which have been granted to them under the statutory procedure, or to interfere with water quality criteria established by mutual agreement of the participants in interstate water pollution control enforcement procedures. (7-1-93)

02. Protection Of Waters Of The State. (7-1-93)

a. Wherever attainable, surface waters of the state shall be protected for beneficial uses which for surface waters includes all recreational use in and on the water surface and the preservation and propagation of desirable species of aquatic ~~biota~~ life; ~~(8-24-94)~~( )

~~b. Wherever attainable, ground waters of the state shall be protected for beneficial uses including potable water supplies. Ground waters existing at higher than potable water quality or ground waters which are highly vulnerable to contamination due to the geologic and hydrologic characteristics of areas overlying their occurrence, may be designated by the Department as special resource waters.~~ ~~(8-24-94)~~

~~c~~b. In all cases, existing beneficial uses of the waters of the state will be protected. (7-1-93)

03. Annual Program. To fully achieve and maintain water quality in the state, it is the intent of the Department to develop and implement ~~an enforcement program through the c~~Continuing ~~p~~Planning ~~p~~Process that describes the on going planning requirements of the State's Water Quality Management Plan. The Department's planned programs for water pollution control ~~will be defined and published annually in a "Water Quality Program Strategy" document~~ comprise the State's Water Quality Management Plan. ~~(7-1-93)~~( )

04. Program Integration. Whenever an activity or class of activities is subject to provisions of these rules, as well as other regulations or standards of either this Department or other Governmental agency, the Department will seek and employ those methods necessary and practicable to integrate the implementation, administration and enforcement of all applicable regulations through a single program. Integration will not, however, be affected to the extent that applicable provisions of these rules would fail to be achieved or maintained unless the Department's role in these cases is limited by state statute or federal law. (7-1-93)

05. Revisions. These rules are subject to amendment as technical data, surveillance programs, and technological advances require. Any revisions made to these rules shall be in accordance with Sections 39-101, et seq., and 67-5201, et seq., Idaho Code. (8-24-94)

(BREAK IN CONTINUITY OF SECTIONS)

053. BENEFICIAL USE SUPPORT STATUS.
In determining whether a water body fully supports designated and existing beneficial uses, the Department shall determine whether all of the applicable water quality standards are being achieved, including any criteria developed pursuant to these rules, and whether a healthy, balanced biological community is present. The Department shall utilize biological and aquatic habitat parameters listed below ~~in~~ and the "Water Body Assessment Guidance," as published by the Idaho Department of Health and Welfare, Division of Environmental Quality, ~~1996,~~ as a guide to assist in the assessment of beneficial use status. These parameters are not to be considered or treated as individual water quality criteria or otherwise interpreted or applied as water quality standards. ~~(3-20-97)~~( )

01. Aquatic Habitat Parameters. These parameters may include, but are not limited to, stream width, stream depth, stream shade, measurements of sediment impacts, bank stability, water flows, and other physical characteristics of the stream that affect habitat for fish, macroinvertebrates or other aquatic life; and (3-20-97)

02. Biological Parameters. These parameters may include, but are not limited to, evaluation of aquatic macroinvertebrates including Ephemeroptera, Plecoptera and Trichoptera (EPT), Hilsenhoff Biotic Index, measures of functional feeding groups, and the variety and number of fish or other aquatic life to determine biological

community diversity and functionality. (3-20-97)

(BREAK IN CONTINUITY OF SECTIONS)

056. SPECIAL RESOURCE WATERS.

01. Designations. Waters of the state may be designated as special resource waters. Designation as a special resource water recognizes at least one (1) of the following characteristics: (7-1-93)

a. The water is of outstanding high quality, exceeding both criteria for primary contact recreation and cold water ~~biota~~ aquatic life; ~~(7-1-93)~~( )

b. The water is of unique ecological significance; (7-1-93)

c. The water possesses outstanding recreational or aesthetic qualities; (7-1-93)

d. Intensive protection of the quality of the water is in paramount interest of the people of Idaho; (7-1-93)

e. The water is a part of the National Wild and Scenic River System, is within a State or National Park or wildlife refuge and is of prime or major importance to that park or refuge; or ~~(7-1-93)~~( )

f. Intensive protection of the quality of the water is necessary to maintain an existing, but jeopardized beneficial use~~; or~~. ~~(7-1-93)~~( )

02. Designated Waters. Those waters of the state determined to be special resource waters are listed in Sections 110 through 160 ~~and Subsection 299.03~~. ~~(7-1-93)~~( )

03. Restrictions Of Point Source Discharges To Special Resource Waters And Their Tributaries. Point source discharges to special resource waters and their tributaries shall be restricted as specified in Subsection 400.01.b. (7-1-93)

(BREAK IN CONTINUITY OF SECTIONS)

070. APPLICATION OF STANDARDS.

01. Multiple Criteria. In the application of the use ~~classification~~ designation, the most stringent criterion of a multiple criteria applies. ~~(7-1-93)~~( )

02. Application Of Standards To Nonpoint Source Activities. The application of water quality standards to nonpoint source activities shall be in accordance with Section 350. (7-1-93)

03. Application Of Standards To Point Source Discharges. The application of water quality standards to point source discharges shall be in accordance with Sections 400 through 402, 420, and 440. (7-1-93)

04. Applicability Of Gas Supersaturation Standard. The application of gas supersaturation standard shall be in accordance with Section ~~93~~300. ~~(7-1-93)~~( )

05. Mixing Zones. The application of water quality standards to mixing zones shall be in accordance with Section 060. (7-1-93)

06. Natural Background ~~For Toxic Substances~~ Conditions. Where natural background

~~concentrations of toxic substances~~ conditions from natural surface or ground water sources exceed any applicable water quality criteria ~~identified in Sections 200 or 250~~ as determined by the Department, that background level shall become the applicable water quality criteria. Natural background means any physical, chemical, biological, or radiological condition existing in a water body before any human-caused influence on, discharge to, or addition of material to, the water body. ~~(7-1-93)~~( )

07. Application Of Standards To Intermittent And Ephemeral Waters. Water quality standards apply to intermittent waters during optimum flow periods sufficient to support the uses for which the water body is designated. For recreation and water supply uses, optimum flow is equal to or greater than five (5) cubic feet per second (cfs). For aquatic life uses, optimum flow is equal to or greater than one (1) cfs. Water quality standards do not apply to ephemeral waters. ( )

08. Temperature Criteria. In the application of temperature criteria, the Director may, at his discretion, waive or raise the temperature criteria as they pertain to a specific water body. Any such determination shall be made consistent with 40 CFR 131.11 and shall be based on a finding that the designated aquatic life use is not an existing use in such water body or would be fully supported at a higher temperature criteria. For any determination, the Director shall, prior to making a determination, provide for public notice and comment on the proposed determination. For any such proposed determination, the Director shall prepare and make available to the public a technical support document addressing the proposed modification. ( )

(BREAK IN CONTINUITY OF SECTIONS)

080. VIOLATION OF WATER QUALITY STANDARDS.

01. No Change To This Subsection.

02. No Change To This Subsection.

03. E. coli Standard Violation. A single water sample exceeding an E.coli standard does not in itself constitute a violation of water quality standards, however, additional samples shall be taken for the purpose of comparing the results to the geometric mean criteria in Section 251 as follows: ( )

a. Any discharger responsible for providing samples for E.coli shall take five (5) additional samples in accordance with Section 251. ( )

b. The Department shall take five (5) additional samples in accordance with Section 251 for ambient E.coli samples unrelated to dischargers' monitoring responsibilities. ( )

04. Temperature Exemption. Exceeding the temperature criteria in Section 250 will not be considered a water quality standard violation when the air temperature exceeds the ninetieth percentile of the seven (7) day average daily maximum air temperature calculated in yearly series over the historic record measured at the nearest weather reporting station. ( )

(BREAK IN CONTINUITY OF SECTIONS)

100. SURFACE WATER USE ~~CLASSIFICATIONS~~ DESIGNATIONS.
Wherever attainable, ~~T~~the designated beneficial uses for which the surface waters of the state are to be protected include: ~~(8-24-94)~~( )

0~~2~~1. Aquatic Life. (7-1-93)

a. Cold water ~~biota~~ (COLD): ~~waters which are suitable or intended to be made suitable~~ water quality

appropriate for the protection and maintenance of a viable aquatic life communit~~ies~~y ~~of aquatic organisms and populations of significant aquatic species which have optimal growing temperatures below eighteen (18) degrees C~~ dominated by cold water species. ~~(8-24-94)~~( )

~~c~~b. Salmonid spawning: waters which provide or could provide a habitat for active self-propagating populations of salmonid fishes. (7-1-93)

c. Cool water (COOL): water quality appropriate for the protection and maintenance of a viable aquatic life community dominated by cool water species. ( )

~~b~~d. Warm water ~~biota~~ (WARM): ~~waters which are suitable or intended to be made suitable~~ water quality appropriate for the protection and maintenance of a viable aquatic life communit~~ies~~y ~~of aquatic organisms and populations of significant aquatic species which have optimal growing temperatures above eighteen (18) degrees C~~ dominated by warm water species. ~~(8-24-94)~~( )

e. Modified (MOD): water quality appropriate for an aquatic life community that is limited due to one (1) or more conditions set forth in 40 CFR 131.10(g) which preclude attainment of reference streams or conditions. ( )

0~~3~~2. Recreation. (7-1-93)

a. Primary contact recreation (PCR): ~~surface waters which are suitable or intended to be made suitable~~ water quality appropriate for prolonged and intimate contact by humans or for recreational activities when the ingestion of small quantities of water is likely to occur. Such ~~waters~~ activities include, but are not restricted to, those used for swimming, water skiing, or skin diving. ~~(7-1-93)~~( )

b. Secondary contact recreation (SCR): ~~surface waters which are suitable or intended to be made suitable~~ water quality appropriate for recreational uses on or about the water and which are not included in the primary contact category. These ~~waters~~ activities may ~~be used for~~ include fishing, boating, wading, infrequent swimming, and other activities where ingestion of raw water is not ~~probable~~ likely to occur. ~~(7-1-93)~~( )

0~~1~~3. Water Supply. (7-1-93)

~~b~~a. Domestic: water~~s which are suitable or intended to be made suitable~~ quality appropriate for drinking water supplies~~;~~. ~~(7-1-93)~~( )

~~a~~b. Agricultural: water~~s which are suitable or intended to be made suitable~~ quality appropriate for the irrigation of crops or as drinking water for livestock~~;~~. This use applies to all surface waters of the state. ~~(7-1-93)~~( )

c. Industrial: water~~s which are suitable or intended to be made suitable~~ quality appropriate for industrial water supplies. This use applies to all surface waters of the state. ~~(7-1-93)~~( )

04. Wildlife Habitats. Water~~s which are suitable or intended to be made suitable~~ quality appropriate for wildlife habitats. This use applies to all surface waters of the state. ~~(7-1-93)~~( )

05. Aesthetics. This use applies to all surface waters of the state. (7-1-93)

101. ~~USE DESIGNATIONS FOR~~ NONDESIGNATED SURFACE WATERS.

01. Undesignated Surface Waters. Surface waters not designated in Sections 110 through 160 shall be designated according to Section 39-3604, Idaho Code, taking into consideration the use of the surface water and such physical, geological, chemical, and biological measures as may affect the surface water. Prior to designation, undesignated waters shall be protected for beneficial uses, which includes all recreational use in and on the water and the protection and propagation of fish, shellfish, and wildlife, wherever attainable. (3-23-98)

a. Because the Department presumes most waters in the state will support cold water ~~biota~~ aquatic life

and primary or secondary contact recreation beneficial uses, the Department will apply cold water ~~biota~~ aquatic life and primary or secondary contact recreation criteria to undesignated waters unless Sections 101.01.b and 101.01c. are followed. ~~(3-23-98)~~( )

b. During the review of any new or existing activity on an undesignated water, the Department may examine all relevant data or may require the gathering of relevant data on beneficial uses; pending determination in Section 101.01.c. existing activities will be allowed to continue. (3-23-98)

c. If, after review and public notice of relevant data, it is determined that beneficial uses in addition to or other than cold water ~~biota~~ aquatic life and primary or secondary contact recreation are appropriate, then the Department will: ~~(3-23-98)~~( )

i. Complete the review and compliance determination of the activity in context with the new information on beneficial uses, and (3-23-98)

ii. Initiate rulemaking necessary to designate the undesignated water, including providing all necessary data and information to support the proposed designation. (3-23-98)

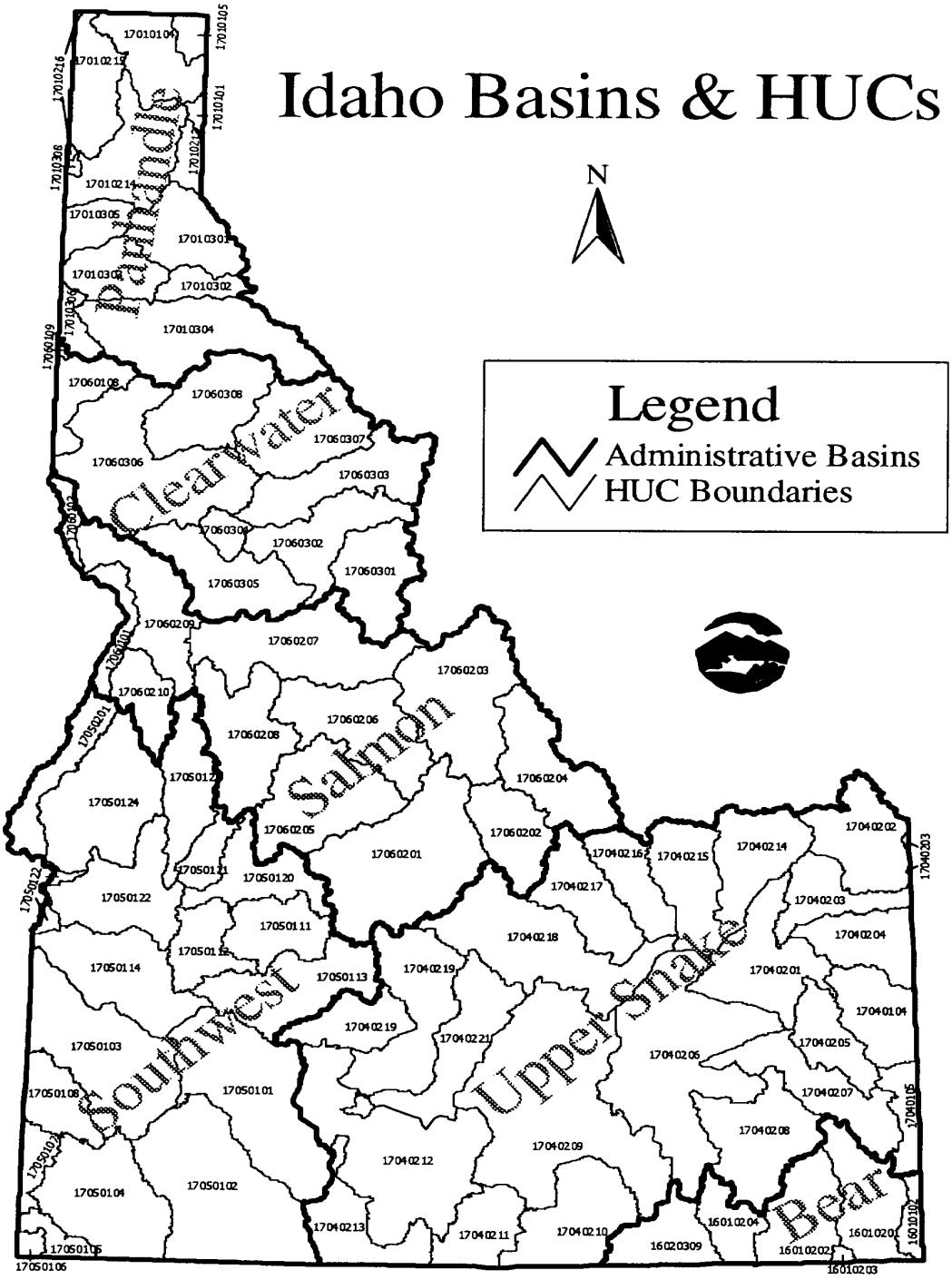
02. Man-Made Waterways. Unless designated in Sections 110 through 160, man-made waterways are to be protected for the use for which they were developed. Agricultural diversion structures, canals, irrigation ditches, and agricultural return flows, including those portions of natural drainages converted for irrigation purposes prior to November 28, 1975 and which do not contain any natural drainage during the non-irrigation season, are for agricultural use and are not protected for aquatic life or recreation uses. ~~(7-1-93)~~( )

03. No Change To This Subsection.

102. -- 10~~9~~8. (RESERVED).

109. HUC INDEX AND ABBREVIATIONS FOR SECTIONS 110, 120, 130, 140, 150, AND 160.

01. Map. The following map depicts the hydrologic units and basins described here in. ( )


Idaho Basins & HUCs
N
Legend
Administrative Basins
HUC Boundaries
Panhandle
Clearwater
Salmon
Southwest
Upper Snake
Bear

02. Table. The following table describes the hydrologic unit code (HUC), associated subbasin name, and the rule section describing the water bodies within the subbasin.

HUC	SUBBASIN	RULE SECTION		HUC	SUBBASIN	RULE SECTION
16010102	Central Bear	160.01		16010201	Bear Lake	160.02
16010202	Middle Bear	160.03		16010203	Little Bear-Logan	160.04
16010204	Lower Bear-Malad	160.05		16020309	Curlew Valley	160.06
17010101	Upper Kootenai	110.01		17010104	Lower Kootenai	110.02
17010105	Moyie	110.03		17010213	Lower Clark Fork	110.04
17010214	Pend Oreille Lake	110.05		17010215	Priest	110.06
17010216	Pend Oreille	110.07		17010301	Upper Coeur d'Alene	110.08
17010302	South Fork Coeur d'Alene	110.09		17010303	Coeur d'Alene Lake	110.10
17010304	St. Joe	110.11		17010305	Upper Spokane	110.12
17010306	Hangman	110.13		17010308	Little Spokane	110.14
17040104	Palisades	150.01		17040105	Salt	150.02
17040201	Idaho Falls	150.03		17040202	Upper Henrys	150.04
17040203	Lower Henrys	150.05		17040204	Teton	150.06
17040205	Willow	150.07		17040206	American Falls	150.08
17040207	Blackfoot	150.09		17040208	Portneuf	150.10
17040209	Lake Walcott	150.11		17040210	Raft	150.12
17040211	Goose	150.13		17040212	Upper Snake-Rock	150.14
17040213	Salmon Falls	150.15		17040214	Beaver-Camas	150.16
17040215	Medicine Lodge	150.17		17040216	Birch	150.18
17040217	Little Lost	150.19		17040218	Big Lost	150.20
17040219	Big Wood	150.21		17040220	Camas	150.22
17040221	Little Wood	150.23		17050101	C.J. Strike Reservoir	140.01
17050102	Bruneau	140.02		17050103	Middle Snake-Succor	140.03
17050104	Upper Owyhee	140.04		17050105	South Fork Owyhee	140.05
17050106	East Little Owyhee	140.06		17050107	Middle Owyhee	140.07
17050108	Jordan	140.08		17050111	North/Middle Fork Boise	140.09
17050112	Boise-Mores	140.10		17050113	South Fork Boise	140.11
17050114	Lower Boise	140.12		17050115	Middle Snake-Payette	140.13
17050120	South Fork Payette	140.14		17050121	Middle Fork Payette	140.15
17050122	Payette	140.16		17050123	North Fork Payette	140.17
17050124	Weiser	140.18		17050201	Brownlee Reservoir	140.19

HUC	SUBBASIN	RULE SECTION		HUC	SUBBASIN	RULE SECTION
17060101	Hells Canyon	130.01		17060103	Lower Snake-Asotin	130.02
17060108	Palouse	120.01		17060109	Rock	120.02
17060201	Upper Salmon	130.03		17060202	Pahsimeroi	130.04
17060203	Middle Salmon-Panther	130.05		17060204	Lemhi	130.06
17060205	U. Middle Fork Salmon	130.07		17060206	L. Middle Fork Salmon	130.08
17060207	Mid. Salmon-Chamberlain	130.09		17060208	South Fork Salmon	130.10
17060209	Lower Salmon	130.11		17060210	Little Salmon	130.12
17060301	Upper Selway	120.03		17060302	Lower Selway	120.04
17060303	Lochsa	120.05		17060304	Middle Fork Clearwater	120.06
17060305	South Fork Clearwater	120.07		17060306	Clearwater	120.08
17060307	U. North Fork Clearwater	120.09		17060308	L. North Fork Clearwater	120.10

( )

03. Abbreviations. ( )

a. WARM - Warm Water Communities. ( )

b. COOL - Cool Water Communities. ( )

c. COLD - Cold Water Communities. ( )

d. SS - Salmonid Spawning. ( )

e. MOD - Modified Communities. ( )

f. PCR - Primary Contact Recreation. ( )

g. SCR - Secondary Contact Recreation. ( )

h. DWS - Domestic Water Supply. ( )

i. SRW - Special Resource Water. ( )

j. NONE - Use Unattainable. ( )

110. PANHANDLE BASIN.

~~The waters found within the Panhandle hydrologic basin are designated for use~~ Surface waters found within the Panhandle basin total fourteen (14) subbasins and are designated as follows: ~~(3-23-98)~~( )

01. ~~Designated Uses Within Panhandle Basin - Table A~~ Upper Kootenai Subbasin. The Upper Kootenai Subbasin, HUC 17010101, is comprised of six (6) water body units.

~~Legend:~~

~~# Protected for General Use~~
~~*Protected for Future Use~~
~~x Use Protected Above Mining Impact Area~~

~~**DESIGNATED USES - TABLE A**~~

Unit	Waters	Aquatic Life	Recreation	Other
P-1	Star Creek - source to Idaho/Montana border			
P-2	North Callahan Creek - source to Idaho/Montana border			
P-3	South Callahan Creek - Glad Creek to Idaho/Montana border	COLD SS	SCR	
P-4	South Callahan Creek - source to Glad Creek			
P-5	Glad Creek - source to mouth			
P-6	Keeler Creek - source to Idaho/Montana border			

~~(7-1-93)~~( )

02. ~~**Panhandle Hydrologic Basin - Map**~~ **Lower Kootenai Subbasin**. The Lower Kootenai Subbasin, HUC 17010104, is comprised of forty (40) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
P-1	Kootenai River - Shorty's Island to the Idaho/Canadian border	COLD	PCR ~~SCR~~	DWS SRW
P-2	Boundary Creek - Idaho/Canadian border to mouth	COLD SS	SCR	
P-3	Grass Creek - source to Idaho/Canadian border	COLD SS	SCR	
P-4	Blue Joe Creek - source to Idaho/Canadian border	COLD	SCR	
P-5	Smith Creek - Cow Creek to mouth	COLD SS	SCR	
P-6	Cow Creek - source to mouth	COLD SS	SCR	
P-7	Smith Creek - source to Cow Creek			
P-8	Long Canyon Creek - source to mouth	COLD SS	SCR	
P-9	Parker Creek - source to mouth	COLD SS	SCR	
P-10	Trout Creek - source to mouth	COLD SS	SCR	
P-11	Ball Creek - source to mouth	COLD SS	SCR	
P-12	Kootenai River - Deep Creek to and including Shorty's Island	COLD	PCR ~~SCR~~	DWS SRW

Unit	Waters	Aquatic Life	Recreation	Other
P-13	Myrtle Creek - source to mouth	COLD SS	SCR	
P-14	Cascade Creek - source to mouth	COLD SS	SCR	
P-15	Deep Creek - Snow Creek to mouth	COLD SS	PCR ~~SCR~~	DWS SRW
P-16	Snow Creek - source to mouth	COLD SS	SCR	
P-17	Caribou Creek - source to mouth	COLD SS	SCR	
P-18	Deep Creek - Brown Creek to Snow Creek	COLD SS	PCR ~~SCR~~	DWS SRW
P-19	Deep Creek - Trail Creek to Brown Creek	COLD SS	PCR ~~SCR~~	DWS SRW
P-20	Ruby Creek - source to mouth	COLD SS	SCR	
P-21	Fall Creek - source to mouth	COLD SS	SCR	
P-22	Deep Creek - McArthur Lake to Trail Creek	COLD SS	PCR ~~SCR~~	DWS SRW
P-23	McArthur Lake			
P-24	Dodge Creek - source to mouth	COLD SS	SCR	
P-25	Deep Creek - source to McArthur Lake			
P-26	Trail Creek - source to mouth	COLD SS	SCR	
P-27	Brown Creek - source to mouth	COLD SS	SCR	
P-28	Twentymile Creek - source to mouth	COLD SS	SCR	
P-29	Kootenai River - Moyie River to Deep Creek	COLD	PCR ~~SCR~~	DWS SRW
P-30	Cow Creek - source to mouth	COLD SS	SCR	
P-31	Kootenai River - Idaho/Montana to Moyie River	COLD SS	PCR ~~SCR~~	DWS SRW
P-32	Boulder Creek - East Fork Boulder Creek to mouth	COLD SS	SCR	
P-33	Boulder Creek - source to East Fork Boulder Creek	COLD SS	SCR	

Unit	Waters	Aquatic Life	Recreation	Other
P-34	East Fork Boulder Creek - source to mouth			
P-35	Curley Creek - source to mouth	COLD SS	SCR	
P-36	Flemming Creek - source to mouth			
P-37	Rock Creek - source to mouth			
P-38	Mission Creek - Brush Creek to mouth			
P-39	Brush Creek - source to mouth			
P-40	Mission Creek - Idaho/Canadian border to Brush Creek			

~~(7-1-93)~~( )

03. Moyie Subbasin. The Moyie Subbasin, HUC 17010105, is comprised of twelve (12) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
P-1	Moyie River - Moyie Falls Dam to mouth	COLD SS	PCR ~~SCR~~	DWS SRW
P-2	Moyie River - Meadow Creek to Moyie Falls Dam	COLD SS	PCR ~~SCR~~	DWS SRW
P-3	Skin Creek - Idaho/Montana border to mouth			
P-4	Deer Creek - source to mouth	COLD SS	SCR	
P-5	Moyie River - Round Prairie Creek to Meadow Creek	COLD SS	PCR ~~SCR~~	DWS SRW
P-6	Moyie River - Idaho/Canadian border to Round Prairie Creek	COLD SS	PCR ~~SCR~~	DWS SRW
P-7	Canuck Creek - Idaho/Montana border to Idaho/Canadian border	COLD SS	SCR	
P-8	Round Prairie Creek - Gillon Creek to mouth	COLD SS	SCR	
P-9	Gillon Creek - Idaho/Canadian border to mouth	COLD SS	SCR	
P-10	Round Prairie Creek - source to Gillon Creek	COLD SS	SCR	
P-11	Miller Creek - source to mouth			
P-12	Meadow Creek - source to mouth	COLD SS	PCR	

( )

04. Lower Clark Fork Subbasin. The Lower Clark Fork Subbasin, HUC 17010213, is comprised of

twenty-one (21) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
P-1	Clark Fork River Delta - Mosquito Creek to Pend Oreille Lake	COLD SS	PCR ~~SCR~~	DWS SRW
P-2	Johnson Creek - source to mouth			
P-3	Clark Fork River - Cabinet Gorge Dam to Mosquito Creek	COLD SS	PCR ~~SCR~~	DWS SRW
P-4	Dry Creek - source to mouth			
P-5	Clark Fork River - Idaho/Montana border to Cabinet Gorge Dam	COLD SS	PCR ~~SCR~~	DWS SRW
P-6	West Fork Elk Creek - source to Idaho/Montana border			
P-7	West Fork Blue Creek - source to Idaho/Montana border			
P-8	Gold Creek - source to Idaho/Montana border			
P-9	Mosquito Creek - source to mouth			
P-10	Lightning Creek - Spring Creek to mouth	COLD SS	PCR ~~SCR~~	DWS SRW
P-11	Lightning Creek - Cascade Creek to Spring Creek	COLD SS	PCR ~~SCR~~	DWS SRW
P-12	Cascade Creek - source to mouth			
P-13	Lightning Creek - East Fork Creek to Cascade Creek	COLD SS	PCR ~~SCR~~	DWS SRW
P-14	East Fork Creek - Idaho/Montana border to mouth			
P-15	Savage Creek - Idaho/Montana border to mouth			
P-16	Lightning Creek - Wellington Creek to East Fork Creek	COLD SS	PCR ~~SCR~~	DWS SRW
P-17	Lightning Creek - Rattle Creek to Wellington Creek	COLD SS	PCR ~~SCR~~	DWS SRW
P-18	Rattle Creek - source to mouth			
P-19	Lightning Creek - source to Rattle Creek	COLD SS	PCR ~~SCR~~	DWS SRW
P-20	Wellington Creek - source to mouth			
P-21	Spring Creek - source to mouth			

( )

05. Pend Oreille Lake Subbasin. The Pend Oreille Lake Subbasin, HUC 17010214, is comprised of sixty-one (61) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
P-1	Pend Oreille River - Priest River to Albeni Falls Dam	COLD	PCR ~~SCR~~	DWS
P-2	Pend Oreille River - Pend Oreille Lake to Priest River	COLD	PCR ~~SCR~~	DWS
P-3	Hoodoo Creek - source to mouth			
P-4	Kelso Lake and outlet	COLD SS	PCR ~~SCR~~	DWS
P-5	Granite Lake			
P-6	Beaver Lake			
P-7	Spirit Creek - source to mouth			
P-8	Blanchard Lake			
P-9	Spirit Lake	COLD SS	PCR ~~SCR~~	DWS SRW
P-10	Brickel Creek - Idaho/Washington border to mouth			
P-11	Jewell Lake			
P-12	Cocolalla Creek - Cocolalla Lake to mouth	COLD	PCR ~~SCR~~	DWS SRW
P-13	Cocolalla Lake	COLD	PCR ~~SCR~~	DWS SRW
P-14	Cocolalla Creek - source to Cocolalla Lake			
P-15	Fish Creek - source to mouth			
P-16	Fry Creek - source to mouth			
P-17	Shepard Lake			
P-18	Pend Oreille Lake	COLD SS	PCR ~~SCR~~	DWS SRW
P-19	Gamble Lake			
P-20	Mirror Lake			
P-21	Gold Creek - West Gold Creek to mouth			
P-22	West Gold Creek- source to mouth			
P-23	Gold Creek - source to West Gold Creek			
P-24	Chloride Creek - source to mouth			
P-25	North Gold Creek - source to mouth			
P-26	Cedar Creek - source to mouth			
P-27	Granite Creek - source to mouth	COLD SS	SCR	SRW

Unit	Waters	Aquatic Life	Recreation	Other
P-28	Riser Creek - source to mouth			
P-29	Strong Creek - source to mouth			
P-30	Trestle Creek - source to mouth	COLD SS	SCR	SRW
P-31	Lower Pack River - Sand Creek to mouth	COLD SS	PCR ~~SCR~~	DWS
P-32	Trout Creek - source to mouth			
P-33	Rapid Lightning Creek - source to mouth			
P-34	Gold Creek - source to mouth			
P-35	Grouse Creek - North Fork Grouse Creek to mouth			
P-36	Grouse Creek - source to North Fork Grouse Creek			
P-37	North Fork Grouse Creek - source to mouth			
P-38	Sand Creek - source to mouth			
P-39	Upper Pack River - Lindsey Creek to Sand Creek	COLD SS	PCR ~~SCR~~	DWS
P-40	Walsh Lake			
P-41	Upper Pack River - source to and including Lindsey Creek	COLD SS	PCR ~~SCR~~	DWS
P-42	McCormick Creek - source to mouth			
P-43	Jeru Creek - source to mouth			
P-44	Hellroaring Creek - source to mouth			
P-45	Caribou Creek - source to mouth			
P-46	Berry Creek - source to mouth			
P-47	Colburn Creek - source to mouth			
P-48	Sand Creek - Schweitzer Creek to mouth			
P-49	Sand Creek - source to Schweitzer Creek			
P-50	Spring Jack Creek - source to mouth			
P-51	Swede Creek - source to mouth			
P-52	Schweitzer Creek - source to mouth			
P-53	Little Sand Creek - source to mouth			
P-54	Syringa Creek - source to mouth			
P-55	Carr Creek - source to mouth			
P-56	Hornby Creek - source to mouth			
P-57	Smith Creek - source to mouth			
P-58	Johnson Creek - source to mouth			
P-59	Riley Creek - source to mouth			

Unit	Waters	Aquatic Life	Recreation	Other
P-60	Manley Creek - source to mouth			
P-61	Strong Creek - source to mouth			

( )

06. Priest Subbasin. The Priest Subbasin, HUC 17010215, is comprised of thirty-one (31) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
P-1	Lower Priest River - Upper West Branch Priest River to mouth	COLD	PCR ~~SCR~~	DWS SRW
P-2	Big Creek - source to mouth			
P-3	Middle Fork East River - source to mouth			
P-4	North Fork East River - source to mouth			
P-5	Lower Priest River - Priest Lake to Upper West Branch Priest River	COLD	PCR ~~SCR~~	DWS SRW
P-6	Priest Lake	COLD SS	PCR ~~SCR~~	DWS SRW
P-7	Chase Lake			
P-8	Soldier Creek - source to mouth			
P-9	Hunt Creek - source to mouth			
P-10	Indian Creek - source to mouth			
P-11	Bear Creek - source to mouth			
P-12	Two Mouth Creek - source to mouth			
P-13	Lion Creek - source to mouth			
P-14	Priest Lake Thorofare - Upper Priest Lake to Priest Lake	COLD SS	PCR ~~SCR~~	DWS SRW
P-15	Caribou Creek - source to mouth			
P-16	Upper Priest Lake	COLD SS	PCR ~~SCR~~	DWS SRW
P-17	Trapper Creek - source to mouth			
P-18	Upper Priest River - Idaho/Canadian border to mouth	COLD SS	PCR ~~SCR~~	DWS SRW
P-19	Hughes Fork - source to mouth			
P-20	Beaver Creek - source to mouth			
P-21	Tango Creek - source to mouth			
P-22	Granite Creek - Idaho/Washington border to mouth			
P-23	Reeder Creek - source to mouth			

Unit	Waters	Aquatic Life	Recreation	Other
P-24	Kalispell Creek - Idaho/Washington border to mouth			
P-25	Lamb Creek - Idaho/Washington border to mouth			
P-26	Binarch Creek - Idaho/Washington border to mouth			
P-27	Upper West Branch Priest River - Idaho/Washington border to mouth			
P-28	Goose Creek - Idaho/Washington border to mouth			
P-29	Quartz Creek - source to mouth			
P-30	Lower West Branch Priest River - Idaho/Washington border to mouth			
P-31	Moores Creek - source to mouth			

( )

07. Pend Oreille Subbasin. The Pend Oreille Subbasin, HUC 17010216, is comprised of two (2) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
P-1	South Salmo River - source to Idaho/Washington border			
P-2	Pend Oreille River - Albeni Falls Dam to Idaho/Washington border	COLD	PCR ~~SCR~~	DWS

( )

08. Upper Coeur d'Alene Subbasin. The Upper Coeur d'Alene Subbasin, HUC 17010301, is comprised of thirty-nine (39) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
P-1	North Fork Coeur d'Alene River - Yellow Dog Creek to mouth	COLD SS	PCR ~~SCR~~	DWS SRW
P-2	Graham Creek - source to mouth			
P-3	Beaver Creek - source to mouth			
P-4	Prichard Creek - Butte Creek to mouth	COLD SS	PCR ~~SCR~~	
P-5	Prichard Creek - source to Butte Creek	COLD SS	PCR ~~SCR~~	DWS
P-6	Butte Creek - source to mouth			
P-7	Eagle Creek - source to mouth			
P-8	West Fork Eagle Creek - source to mouth			
P-9	Lost Creek - source to mouth			
P-10	Shoshone Creek - Falls Creek to mouth			

Unit	Waters	Aquatic Life	Recreation	Other
P-11	Falls Creek - source to mouth			
P-12	Shoshone Creek - source to Falls Creek			
P-13	North Fork Coeur d'Alene River - Jordan Creek to Yellow Dog Creek	COLD SS	PCR ~~SCR~~	DWS SRW
P-14	Jordan Creek - source to mouth			
P-15	North Fork Coeur d'Alene River - source to Jordan Creek	COLD SS	PCR ~~SCR~~	DWS SRW
P-16	Cataract Creek - source to mouth			
P-17	Tepee Creek - confluence of Trail Creek and Big Elk Creek to mouth			
P-18	Independence Creek - source to mouth			
P-19	Trail Creek - source to mouth			
P-20	Big Elk Creek - source to mouth			
P-21	Brett Creek - source to mouth			
P-22	Miners Creek - source to mouth			
P-23	Flat Creek - source to mouth			
P-24	Yellow Dog Creek - source to mouth			
P-25	Downey Creek - source to mouth			
P-26	Brown Creek - source to mouth			
P-27	Grizzly Creek - source to mouth			
P-28	Steamboat Creek - source to mouth			
P-29	Cougar Gulch - source to mouth			
P-30	Little North Fork Coeur d'Alene River - source to mouth			
P-31	Bumblebee Creek - source to mouth			
P-32	Laverne Creek - source to mouth			
P-33	Leiberg Creek - source to mouth			
P-34	Bootjack Creek - source to mouth			
P-35	Iron Creek - source to mouth			
P-36	Burnt Cabin Creek - source to mouth			
P-37	Deception Creek - source to mouth			
P-38	Skookum Creek - source to mouth			
P-39	Copper Creek - source to mouth			

( )

09. South Fork Coeur d'Alene Subbasin. The South Fork Coeur d'Alene Subbasin, HUC 17010302, is comprised of twenty (20) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
P-1	South Fork Coeur d'Alene River - Canyon Creek to mouth		SCR	
P-2	Pine Creek - East Fork Pine Creek to mouth	COLD SS	SCR	
P-3	Pine Creek - source to East Fork Pine Creek	COLD SS	PCR ~~SCR~~	DWS
P-4	East Fork Pine Creek - source to mouth			
P-5	Hunter Creek - source to mouth			
P-6	Government Gulch - source to mouth	COLD SS	SCR	
P-7a	Big Creek - source to mining impact area	COLD SS	PCR ~~SCR~~	DWS
P-7b	Big Creek - mining impact area to mouth	COLD SS	SCR	
P-8a	Shields Gulch - source to mining impact area	COLD SS	PCR ~~SCR~~	DWS
P-8b	Shields Gulch - mining impact area to mouth		SCR	
P-9a	Lake Creek - source to mining impact area	COLD SS	PCR ~~SCR~~	DWS
P-9b	Lake Creek - mining impact area to mouth	COLD SS	SCR	
P-10	Placer Creek - source to mouth			
P-11	South Fork Coeur d'Alene River - from and including Daisy Gulch to Canyon Creek		SCR	
P-12	Willow Creek - source to mouth			
P-13	South Fork Coeur d'Alene River - source to Daisy Gulch	COLD SS	PCR ~~SCR~~	DWS
P-14	Canyon Creek - from and including Gorge Gulch to mouth		SCR	
P-15	Canyon Creek - source to Gorge Gulch	COLD SS	PCR ~~SCR~~	DWS
P-16	Ninemile Creek - from and including East Fork Ninemile Creek to mouth	COLD SS	SCR	
P-17	Ninemile Creek - source to East Fork Ninemile Creek	COLD SS	PCR ~~SCR~~	DWS
P-18	Moon Creek - source to mouth			
P-19	West Fork Moon Creek - source to mouth			
P-20	Bear Creek - source to mouth	COLD SS	PCR ~~SCR~~	DWS

( )

10. Coeur d'Alene Lake Subbasin. The Coeur d'Alene Lake Subbasin, HUC 17010303, is comprised of thirty-four (34) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
P-1	Coeur d'Alene Lake	COLD SS	PCR ~~SCR~~	DWS SRW
P-2	Cougar Creek - source to mouth			
P-3	Kid Creek - source to mouth			
P-4	Mica Creek - source to mouth			
P-5	Fighting Creek - source to mouth			
P-6	Lake Creek - Idaho/Washington border to mouth			
P-7	Coeur d'Alene River - Latour Creek to mouth	COLD	PCR ~~SCR~~	
P-8	Anderson Lake			
P-9	Black Lake			
P-10	Medicine Lake			
P-11	Willow Creek - source to mouth			
P-12	Evans Creek - source to mouth			
P-13	Robinson Creek - source to mouth			
P-14	Bull Run Lake			
P-15	Latour Creek - source to mouth			
P-16	Coeur d'Alene River - South Fork Coeur d'Alene River to Latour Creek	COLD	PCR ~~SCR~~	
P-17	Skeel and Cataldo Creeks - source to mouth			
P-18	French Gulch - source to mouth			
P-19	Hardy and Hayden Gulch and Whitman Draw Creeks Complex - source to mouth			
P-20	Fourth of July Creek - source to mouth			
P-21	Rose Lake			
P-22	Killarney Lake			
P-23	Swan Lake			
P-24	Blue Lake			
P-25	Thompson Lake			
P-26	Carlin Creek - source to mouth			
P-27	Turner Creek - source to mouth			
P-28	Beauty Creek - source to mouth			

Unit	Waters	Aquatic Life	Recreation	Other
P-29	Wolf Lodge Creek - source to mouth	COLD SS	PCR	DWS SRW
P-30	Cedar Creek - source to mouth			
P-31	Marie Creek - source to mouth			
P-32	Fernan Creek - Fernan Lake to mouth	COLD SS	PCR ~~SCR~~	DWS
P-33	Fernan Lake	COLD SS	PCR ~~SCR~~	DWS
P-34	Fernan Creek - source to Fernan Lake			

( )

11. St. Joe Subbasin. The St. Joe Subbasin, HUC 17010304, is comprised of sixty-nine (69) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
P-1	Chatcolet Lake			
P-2	Plummer Creek - source to mouth	COLD SS	SCR	
P-3	Pedee Creek - source to mouth			
P-4	Benewah Creek - source to mouth			
P-5	St. Joe River - St. Maries River to mouth	COLD	PCR ~~SCR~~	
P-6	Cherry Creek - source to mouth			
P-7	St. Maries River - Santa Creek to mouth	COLD	PCR ~~SCR~~	
P-8	Alder Creek - source to mouth			
P-9	John Creek - source to mouth			
P-10	Santa Creek - source to mouth	COLD SS	PCR ~~SCR~~	
P-11	Charlie Creek - source to mouth			
P-12	St. Maries River - Carpenter Creek to Santa Creek	COLD	PCR ~~SCR~~	
P-13	Tyson Creek - source to mouth			
P-14	Carpenter Creek - source to mouth			
P-15	St. Maries River - confluence of West Fork and Middle Fork St. Maries Rivers to Carpenter Creek	COLD	PCR ~~SCR~~	DWS SRW
P-16	Emerald Creek - source to mouth			
P-17	West Fork St. Maries River - source to mouth			

Unit	Waters	Aquatic Life	Recreation	Other
P-18	Middle Fork St. Maries River - source to mouth			
P-19	Gold Center Creek - source to mouth			
P-20	Merry Creek - source to mouth			
P-21	Childs Creek - source to mouth			
P-22	Olson Creek - source to mouth			
P-23	Crystal Creek - source to mouth			
P-24	Renfro Creek - source to mouth			
P-25	Beaver Creek - source to mouth			
P-26	Thorn Creek - source to mouth			
P-27	St. Joe River - North Fork St. Joe River to St. Maries River	COLD SS	PCR ~~SCR~~	DWS SRW
P-28	Bond Creek - source to mouth			
P-29	Hugus Creek- source to mouth			
P-30	Mica Creek - source to mouth			
P-31	Marble Creek - Hobo Creek to mouth			
P-32	Eagle Creek - source to mouth			
P-33	Bussel Creek - source to mouth			
P-34	Hobo Creek - source to mouth			
P-35	Marble Creek - source to Hobo Creek			
P-36	Homestead Creek - source to mouth			
P-37	Daveggio Creek - source to mouth			
P-38	Boulder Creek - source to mouth			
P-39	Fishhook Creek - source to mouth			
P-40	Siwash Creek - source to mouth			
P-41	St. Joe River - source to North Fork St. Joe River	COLD SS	PCR ~~SCR~~	DWS SRW
P-42	Sisters Creek - source to mouth			
P-43	Prospector Creek - source to mouth			
P-44	Nugget Creek - source to mouth			
P-45	Bluff Creek - source to mouth			
P-46	Mosquito Creek - source to mouth			
P-47	Fly Creek - source to mouth			
P-48	Beaver Creek - source to mouth			
P-49	Copper Creek - source to mouth			
P-50	Timber Creek - source to mouth			

Unit	Waters	Aquatic Life	Recreation	Other
P-51	Red Ives Creek - source to mouth			
P-52	Simmons Creek - source to mouth			
P-53	Gold Creek - source to mouth			
P-54	Bruin Creek - source to mouth			
P-55	Quartz Creek - source to mouth			
P-56	Eagle Creek - source to mouth			
P-57	Bird Creek - source to mouth			
P-58	Skookum Creek - source to mouth			
P-59	North Fork St. Joe River - Loop Creek to mouth			
P-60	Loop Creek - source to mouth			
P-61	North Fork St. Joe River - source to Loop Creek			
P-62	Slate Creek - source to mouth			
P-63	Big Creek - source to mouth			
P-64	Trout Creek - source to mouth			
P-65	Falls Creek - source to mouth			
P-66	Reeds Gulch Creek - source to mouth			
P-67	Rochat Creek - source to mouth			
P-68	Street Creek - source to mouth			
P-69	Deep Creek - source to mouth			

( )

12. Upper Spokane Subbasin. The Upper Spokane Subbasin, HUC 17010305, is comprised of eighteen (18) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
P-1	Liberty Creek - source to Idaho/Washington border			
P-2	Cable Creek - source to Idaho/Washington border			
P-3	Spokane River - Post Falls Dam to Idaho/Washington border	COLD SS	PCR ~~SCR~~	DWS
P-4	Spokane River - Coeur d'Alene Lake to Post Falls Dam	COLD SS	PCR ~~SCR~~	DWS
P-5	Hayden Lake	COLD SS	PCR ~~SCR~~	DWS SRW
P-6	Yellowbank Creek - source to mouth			
P-7	Jim Creek - source to mouth			
P-8	Mokins Creek - source to mouth			

Unit	Waters	Aquatic Life	Recreation	Other
P-9	Nilsen Creek - source to mouth			
P-10	Hayden Creek -source to mouth			
P-11	Sage Creek and Lewellen Creek - source to mouth			
P-12	Rathdrum Creek - Twin Lakes to mouth			
P-13	Twin Lakes	COLD	PCR ~~SCR~~	DWS
P-14	Fish Creek - Idaho/Washington border to Twin Lakes			
P-15	Hauser Lake outlet - Hauser Lake to mouth			
P-16	Hauser Lake	COLD	PCR ~~SCR~~	DWS
P-17	Lost Lake, Howell, and Lost Creeks - source to mouth			
P-18	Hauser Creek - source to mouth			
	~~Spokane Valley - Rathdrum Aquifer~~			~~DWS SRW~~

( )

13. Hangman Subbasin. The Hangman Subbasin, HUC 17010306, is comprised of five (5) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
P-1	Hangman Creek - source to Idaho/Washington border	COLD	SCR	
P-2	Little Hangman Creek - source to Idaho/Washington border			
P-3	Rock Creek - source to Idaho/Washington border		SCR	
P-4	Middle Fork Rock Creek - source to Idaho/Washington border			
P-5	North Fork Rock Creek - source to Idaho/Washington border			

( )

14. Little Spokane Subbasin. The Little Spokane Subbasin, HUC 17010308, is comprised of one (1) water body unit.

Unit	Waters	Aquatic Life	Recreation	Other
P-1	McDonald Creek - source to mouth			

( )

111. -- 119. (RESERVED).

120. CLEARWATER BASIN.
~~The waters found within the Clearwater hydrologic basin are designated for use~~ Surface waters found within the Clearwater basin total ten (10) subbasins and are designated as follows: ~~(7-1-93)~~( )

01. ~~Designated Uses Within Clearwater Basin - Table B~~ Palouse Subbasin. The Palouse Subbasin, HUC 17060108, is comprised of thirty-three (33) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
C-1	Cow Creek - source to Idaho/Washington border	COLD	SCR	
C-2	South Fork Palouse River - Gnat Creek to Idaho/Washington border	COLD SS	SCR	
C-3	South Fork Palouse River - source to Gnat Creek	COLD SS	SCR	
C-4	Gnat Creek - source to mouth			
C-5	Paradise Creek - source to Idaho/Washington border	COLD	SCR	
C-6	Missouri Flat Creek - source to Idaho/Washington border			
C-7	Fourmile Creek - source to Idaho/Washington border			
C-8	Silver Creek - source to Idaho/Washington border			
C-9	Palouse River - Deep Creek to Idaho/Washington border	COLD	SCR	
C-10	Palouse River - Hatter Creek to Deep Creek	COLD	SCR	
C-11	Flannigan Creek - source to mouth			
C-12	Rock Creek - confluence of West and East Fork Rock Creeks to mouth			
C-13	West Fork Rock Creek - source to mouth			
C-14	East Fork Rock Creek - source to mouth			
C-15	Hatter Creek - source to mouth			
C-16	Palouse River - Strychnine Creek to Hatter Creek	COLD SS	PCR ~~SCR~~	DWS
C-17	Flat Creek - source to mouth			
C-18	Palouse River - source to Strychnine Creek	COLD SS	PCR ~~SCR~~	DWS
C-19	Little Sand Creek - source to mouth			
C-20	Big Sand Creek - source to mouth			
C-21	North Fork Palouse River - source to mouth			
C-22	Strychnine Creek - source to mouth			
C-23	Meadow Creek - East Fork Meadow Creek to mouth			
C-24	East Fork Meadow Creek - source to mouth			
C-25	Meadow Creek - source to East Fork Meadow Creek			
C-26	White Pine Creek - source to mouth			
C-27	Big Creek - source to mouth			
C-28	Jerome Creek - source to mouth			

Unit	Waters	Aquatic Life	Recreation	Other
C-29	Gold Creek - Crane Creek to mouth			
C-30	Gold Creek - source to Crane Creek			
C-31	Crane Creek - source to mouth			
C-32	Deep Creek - source to mouth			
C-33	Cedar Creek - source to Idaho/Washington border			

~~(3-23-98)~~( )

02. ~~Clearwater Hydrologic Basin - Map B~~ Rock Subbasin. The Rock Subbasin, HUC 17060109, is comprised of three (3) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
C-1	South Fork Pine Creek - source to Idaho/Washington border			
C-2	North Fork Pine Creek - source to Idaho/Washington border			
C-3	Unnamed Tributaries - source to Idaho/Washington border (T44N, R05W, Sec.31 / T43N, R05W, Sec. 6)			

~~(7-1-93)~~( )

03. Upper Selway Subbasin. The Upper Selway Subbasin, HUC 17060301, is comprised of fifty-eight (58) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
C-1	Selway River - Bear Creek to Moose Creek	COLD SS	PCR ~~SCR~~	DWS SRW
C-2	Magpie Creek - source to mouth			
C-3	Bitch Creek - source to mouth			
C-4	Selway River- White Cap Creek to Bear Creek	COLD SS	PCR ~~SCR~~	DWS SRW
C-5	Ditch Creek - source to mouth			
C-6	Elk Creek - source to mouth			
C-7	Goat Creek - source to mouth			
C-8	Running Creek - Lynx Creek to mouth			
C-9	Running Creek - source to Lynx Creek			
C-10	South Fork Running Creek - source to mouth			
C-11	Lynx Creek - source to mouth			
C-12	Eagle Creek - source to mouth			
C-13	Crooked Creek - source to mouth			

Unit	Waters	Aquatic Life	Recreation	Other
C-14	Selway River - Deep Creek to White Cap Creek	COLD SS	PCR ~~SCR~~	DWS SRW
C-15	Little Clearwater River- Flat Creek to mouth			
C-16	Short Creek - source to mouth			
C-17	Little Clearwater River - source to Flat Creek			
C-18	Burnt Knob Creek - source to mouth			
C-19	Salamander Creek - source to mouth			
C-20	Flat Creek - source to mouth			
C-21	Magruder Creek - source to mouth			
C-22	Selway River - confluence of Hidden and Surprise Creeks to Deep Creek	COLD SS	PCR ~~SCR~~	DWS SRW
C-23	Three Lakes Creek - source to mouth			
C-24	Swet Creek - source to mouth			
C-25	Stripe Creek - source to mouth			
C-26	Hidden Creek - source to mouth			
C-27	Surprise Creek - source to mouth			
C-28	Wilkerson Creek - Storm Creek to mouth			
C-29	Wilkerson Creek - source to Storm Creek			
C-30	Storm Creek - source to mouth			
C-31	Deep Creek - source to mouth			
C-32	Vance Creek - source to mouth			
C-33	Lazy Creek - source to mouth			
C-34	Pete Creek - source to mouth			
C-35	Cayuse Creek - source to mouth			
C-36	Indian Creek - source to mouth			
C-37	Schofield Creek - source to mouth			
C-38	Snake Creek - source to mouth			
C-39	White Cap Creek - Canyon Creek to mouth			
C-40	Canyon Creek - source to mouth			
C-41	Cooper Creek - source to mouth			
C-42	White Cap Creek - source to Canyon Creek			
C-43	Paloma Creek - source to mouth			
C-44	Bad Luck Creek - source to mouth			
C-45	Gardner Creek - source to mouth			
C-46	North Star Creek - source to mouth			

Unit	Waters	Aquatic Life	Recreation	Other
C-47	Bear Creek - Cub Creek to mouth			
C-48	Cub Creek - Brushy Fork Creek to mouth			
C-49	Brushy Fork Creek - source to mouth			
C-50	Cub Creek - source to Brushy Fork Creek			
C-51	Paradise Creek - source to mouth			
C-52	Bear Creek - Wahoo Creek to Cub Creek			
C-53	Bear Creek - source to Wahoo Creek			
C-54	Granite Creek - source to mouth			
C-55	Wahoo Creek - source to mouth			
C-56	Pettibone Creek - source to mouth			
C-57	Cow Creek - source to mouth			
C-58	Dog Creek - source to mouth			

( )

04. Lower Selway Subbasin. The Lower Selway Subbasin, HUC 17060302, is comprised of fifty-five (55) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
C-1	Selway River - O'Hara Creek to mouth	COLD SS	PCR ~~SCR~~	DWS SRW
C-2	Goddard Creek - source to mouth			
C-3	O'Hara Creek - confluence of West and East Fork O'Hara Creeks to mouth			
C-4	West Fork O'Hara Creek - source to mouth			
C-5	East Fork O'Hara Creek - source to mouth			
C-6	Selway River - Meadow Creek to O'Hara Creek	COLD SS	PCR ~~SCR~~	DWS SRW
C-7	Falls Creek - source to mouth			
C-8	Meadow Creek - Buck Lake Creek to mouth			
C-9	Horse Creek - source to mouth			
C-10	Fivemile Creek - source to mouth			
C-11	Little Boulder Creek - source to mouth			
C-12	Meadow Creek - East Fork Meadow Creek to Buck Lake Creek			
C-13	Butte Creek - source to mouth			
C-14	Sable Creek - source to mouth			
C-15	Simmons Creek - source to mouth			

Unit	Waters	Aquatic Life	Recreation	Other
C-16	Meadow Creek - source to East Fork Meadow Creek			
C-17	Butter Creek - source to mouth			
C-18	Three Prong Creek - source to mouth			
C-19	East Fork Meadow Creek - source to mouth			
C-20	Schwar Creek - source to mouth			
C-21	Buck Lake Creek - source to mouth			
C-22	Selway River - Moose Creek to Meadow Creek	COLD SS	PCR ~~SCR~~	DWS SRW
C-23	Otter Creek - source to mouth			
C-24	Mink Creek - source to mouth			
C-25	Marten Creek - source to mouth			
C-26	Trout Creek - source to mouth			
C-27	Moose Creek - East Fork Moose Creek to mouth			
C-28	East Fork Moose Creek - Cedar Creek to Moose Creek			
C-29	Freeman Creek - source to mouth			
C-30	Monument Creek - source to mouth			
C-31	Elbow Creek - source to mouth			
C-32	Battle Creek - source to mouth			
C-33	East Fork Moose Creek - source to Cedar Creek			
C-34	Chute Creek - source to mouth			
C-35	Dead Elk Creek - source to mouth			
C-36	Cedar Creek - source to mouth			
C-37	Maple Creek - source to mouth			
C-38	Double Creek - source to mouth			
C-39	Fitting Creek - source to mouth			
C-40	North Fork Moose Creek - Rhoda Creek to mouth			
C-41	North Fork Moose Creek - West Moose Creek to Rhoda Creek			
C-42	North Fork Moose Creek - source to West Fork Moose Creek			
C-43	West Fork Moose Creek - source to mouth			
C-44	Rhoda Creek - Wounded Doe Creek to mouth			
C-45	Wounded Doe Creek - source to mouth			
C-46	Rhoda Creek - source to Wounded Doe Creek			
C-47	Lizard Creek - Lizard Lakes to mouth			
C-48	Meeker Creek - source to mouth			
C-49	Three Links Creek - source to mouth			

Unit	Waters	Aquatic Life	Recreation	Other
C-50	Gedney Creek - West Fork Gedney Creek to mouth			
C-51	Gedney Creek - source to West Fork Gedney Creek			
C-52	West Fork Gedney Creek - source to mouth			
C-53	Glover Creek - source to mouth			
C-54	Boyd Creek - source to mouth			
C-55	Rackliff Creek - source to mouth			

( )

05. Lochsa Subbasin. The Lochsa Subbasin, HUC 17060303, is comprised of sixty-five (65) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
C-1	Lochsa River - Deadman Creek to mouth	COLD SS	PCR ~~SCR~~	DWS SRW
C-2	Kerr Creek - source to mouth			
C-3	Lochsa River - Old Man Creek to Deadman Creek	COLD SS	PCR ~~SCR~~	DWS SRW
C-4	Coolwater Creek - source to mouth			
C-5	Fire Creek - source to mouth			
C-6	Split Creek - source to mouth			
C-7	Old Man Creek - source to mouth			
C-8	Lochsa River - Fish Creek to Old Man Creek	COLD SS	PCR ~~SCR~~	DWS SRW
C-9	Lochsa River - Indian Grave Creek to Fish Creek	COLD SS	PCR ~~SCR~~	DWS SRW
C-10	Boulder Creek - source to mouth			
C-11	Stanley Creek - source to mouth			
C-12	Eagle Mountain Creek - source to mouth			
C-13	Lochsa River- Warm Springs Creek to Indian Grave Creek	COLD SS	PCR ~~SCR~~	DWS SRW
C-14	Sponge Creek - Fish Lake Creek to mouth			
C-15	Sponge Creek - source to Fish Lake Creek			
C-16	Fish Lake Creek - source to mouth			
C-17	Warm Springs Creek - Wind Lakes Creek to mouth			
C-18	Warm Springs Creek - source to Wind Lakes Creek			
C-19	Wind Lakes Creek - source to mouth			

Unit	Waters	Aquatic Life	Recreation	Other
C-20	Lochsa River - confluence of Crooked Fork, White Sand Creek, and Walton Creek to Warm Springs Creek	COLD SS	PCR ~~SCR~~	DWS SRW
C-21	Jay Creek - source to mouth			
C-22	Cliff Creek - source to mouth			
C-23	Walton Creek - source to mouth			
C-24	White Sand Creek - Storm Creek to mouth			
C-25	White Sand Creek - source to Storm Creek			
C-26	Colt Creek - source to mouth			
C-27	Big Sand Creek - Hidden Creek to mouth			
C-28	Swamp Creek - source to mouth			
C-29	Big Sand Creek - source to Hidden Creek			
C-30	Hidden Creek - source to mouth			
C-31	Big Flat Creek - source to mouth			
C-32	Storm Creek - source to mouth			
C-33	Beaver Creek - source to mouth			
C-34	Crooked Fork - Brushy Fork to mouth			
C-35	Brushy Fork - Spruce Creek to mouth			
C-36	Spruce Creek - source to mouth			
C-37	Brushy Fork - source to Spruce Creek			
C-38	Crooked Fork - source to Brushy Fork			
C-39	Hopeful Creek - source to mouth			
C-40	Boulder Creek - source to mouth			
C-41	Papoose Creek - source to mouth			
C-42	Parachute Creek - source to mouth			
C-43	Wendover Creek - source to mouth			
C-44	Badger Creek - source to mouth			
C-45	Squaw Creek - source to mouth			
C-46	West Fork Squaw Creek - source to mouth			
C-47	Doe Creek - source to mouth			
C-48	Postoffice Creek - source to mouth			
C-49	Weir Creek - source to mouth			
C-50	Indian Grave Creek - source to mouth			
C-51	Bald Mountain Creek - source to mouth			
C-52	Fish Creek - Hungery Creek to mouth			
C-53	Willow Creek - source to mouth			

Unit	Waters	Aquatic Life	Recreation	Other
C-54	Hungery Creek - Obia Creek to mouth			
C-55	Obia Creek - source to mouth			
C-56	Hungery Creek - source to Obia Creek			
C-57	Fish Creek - source to Hungery Creek			
C-58	Bimerick Creek - source to mouth			
C-59	Deadman Creek - East Fork Deadman Creek to mouth			
C-60	East Fork Deadman Creek - source to mouth			
C-61	Deadman Creek - source to East Fork Deadman Creek			
C-62	Canyon Creek - source to mouth			
C-63	Pete King Creek - Walde Creek to mouth			
C-64	Walde Creek - source to mouth			
C-65	Pete King Creek - source to Walde Creek			

( )

06. Middle Fork Clearwater Subbasin. The Middle Fork Clearwater Subbasin, HUC 17060304, is comprised of eleven (11) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
C-1	Middle Fork Clearwater River - confluence of Lochsa and Selway River to mouth	COLD SS	PCR ~~SCR~~	DWS SRW
C-2	Clear Creek - South Fork Clear Creek to mouth			
C-3	West Fork Clear Creek - source to mouth			
C-4	South Fork Clear Creek - source to mouth			
C-5	Kay Creek - source to mouth			
C-6	Clear Creek - source to South Fork Clear Creek			
C-7	Middle Fork Clear Creek - source to mouth			
C-8	Browns Spring Creek - source to mouth			
C-9	Pine Knob Creek - source to mouth			
C-10	Lodge Creek - source to mouth			
C-11	Maggie Creek - source to mouth			

( )

07. South Fork Clearwater Subbasin. The South Fork Clearwater Subbasin, HUC 17060305, is comprised of eighty-two (82) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
C-1	South Fork Clearwater River - Butcher Creek to mouth	COLD SS	PCR ~~SCR~~	SRW
C-2	Cottonwood Creek - Cottonwood Creek waterfall (9.0 miles upstream) to mouth	COLD SS	PCR ~~SCR~~	
C-3	Cottonwood Creek - source to Cottonwood Creek waterfall (9.0 miles upstream)	COLD SS	PCR ~~SCR~~	
C-4	Red Rock Creek - Red Rock Creek waterfall (3.6 miles upstream) to mouth			
C-5	Red Rock Creek - source to Red Rock Creek waterfall (3.6 miles upstream)			
C-6	Stockney Creek - source to mouth			
C-7	Shebang Creek - source to mouth			
C-8	South Fork Cottonwood Creek - source to mouth			
C-9	Long Haul Creek - source to mouth			
C-10	Threemile Creek - source to mouth	COLD SS	SCR	
C-11	Butcher Creek - source to mouth			
C-12	South Fork Clearwater River - Johns Creek to Butcher Creek	COLD SS	PCR ~~SCR~~	SRW
C-13	Mill Creek - source to mouth			
C-14	Johns Creek - Gospel Creek to mouth			
C-15	Gospel Creek - source to mouth			
C-16	West Fork Gospel Creek - source to mouth			
C-17	Johns Creek - Moores Creek to Gospel Creek			
C-18	Johns Creek - source to Moores Creek			
C-19	Moores Creek - source to mouth			
C-20	Square Mountain Creek - source to mouth			
C-21	Hagen Creek - source to mouth			
C-22	South Fork Clearwater River - Tenmile Creek to Johns Creek	COLD SS	PCR ~~SCR~~	SRW
C-23	Wing Creek - source to mouth			
C-24	Twentymile Creek - source to mouth			
C-25	Tenmile Creek - Sixmile Creek to mouth			
C-26	Tenmile Creek - Williams Creek to Sixmile Creek			
C-27	Tenmile Creek - source to Williams Creek			

Unit	Waters	Aquatic Life	Recreation	Other
C-28	Williams Creek - source to mouth			
C-29	Sixmile Creek - source to mouth			
C-30	South Fork Clearwater River - Crooked River to Tenmile Creek	COLD SS	PCR ~~SCR~~	SRW
C-31	Crooked River - Relief Creek to mouth			
C-32	Crooked River - confluence of West and East Fork Crooked Rivers to Relief Creek			
C-33	West Fork Crooked River - source to mouth			
C-34	East Fork Crooked River - source to mouth			
C-35	Relief Creek - source to mouth			
C-36	South Fork Clearwater River - confluence of American River and Red River to Crooked River	COLD SS	PCR ~~SCR~~	SRW
C-37	Red River- Siegel Creek to mouth	COLD SS	PCR ~~SCR~~	DWS SRW
C-38	Red River - South Fork Red River to Siegel Creek	COLD SS	PCR ~~SCR~~	DWS SRW
C-39	Moose Butte Creek - source to mouth			
C-40	South Fork Red River - Trapper Creek to mouth			
C-41	South Fork Red River - West Fork Red River to Trapper Creek			
C-42	West Fork Red River - source to mouth			
C-43	South Fork Red River - source to West Fork Red River			
C-44	Trapper Creek - source to mouth			
C-45	Red River - source to South Fork Red River	COLD SS	PCR ~~SCR~~	DWS SRW
C-46	Soda Creek - source to mouth			
C-47	Bridge Creek - source to mouth			
C-48	Otterson Creek - source to mouth			
C-49	Trail Creek - source to mouth			
C-50	Siegel Creek - source to mouth			
C-51	Red Horse Creek - source to mouth			
C-52	American River - East Fork American River to mouth	COLD SS	PCR ~~SCR~~	DWS SRW
C-53	Kirks Fork - source to mouth			
C-54	East Fork American River - source to mouth			
C-55	American River - source to East Fork American River	COLD SS	PCR ~~SCR~~	DWS SRW
C-56	Elk Creek - confluence of Big Elk and Little Elk Creeks to mouth			

Unit	Waters	Aquatic Life	Recreation	Other
C-57	Little Elk Creek - source to mouth			
C-58	Big Elk Creek - source to mouth			
C-59	Buffalo Gulch - source to mouth			
C-60	Whiskey Creek - source to mouth			
C-61	Maurice Creek - source to mouth			
C-62	Newsome Creek - Beaver Creek to mouth			
C-63	Bear Creek - source to mouth			
C-64	Nugget Creek - source to mouth			
C-65	Beaver Creek - source to mouth			
C-66	Newsome Creek - Mule Creek to Beaver Creek			
C-67	Mule Creek - source to mouth			
C-68	Newsome Creek - source to Mule Creek			
C-69	Haysfork Creek - source to mouth			
C-70	Baldy Creek - source to mouth			
C-71	Pilot Creek - source to mouth			
C-72	Sawmill Creek - source to mouth			
C-73	Sing Lee Creek - source to mouth			
C-74	West Fork Newsome Creek - source to mouth			
C-75	Leggett Creek - source to mouth			
C-76	Fall Creek - source to mouth			
C-77	Silver Creek - source to mouth			
C-78	Peasley Creek - source to mouth			
C-79	Cougar Creek - source to mouth			
C-80	Meadow Creek - source to mouth			
C-81	Sally Ann Creek - source to mouth			
C-82	Rabbit Creek - source to mouth			

( )

08. Clearwater Subbasin. The Clearwater Subbasin, HUC 17060306, is comprised of sixty-seven (67) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
C-1	Lower Granite Dam pool	COLD	PCR ~~SCR~~	DWS
C-2	Clearwater River - Potlatch River to Lower Granite Dam pool	COLD SS	PCR ~~SCR~~	DWS SRW

Unit	Waters	Aquatic Life	Recreation	Other
C-3	Lindsay Creek - source to mouth	COLD	SCR	SRW
C-4	Lapwai Creek - Sweetwater Creek to mouth	COLD	PCR ~~SCR~~	
C-5	Sweetwater Creek - Webb Creek to mouth			
C-6	Sweetwater Creek - source to Webb Creek			
C-7	Webb Creek - source to mouth			
C-8	Lapwai Creek - Winchester Lake to Sweetwater Creek	COLD	PCR ~~SCR~~	
C-9	Winchester Lake	COLD	PCR ~~SCR~~	DWS SRW
C-10	Lapwai Creek - source to Winchester Lake	COLD SS	PCR ~~SCR~~	DWS
C-11	Mission Creek - source to mouth			
C-12	Tom Beall Creek - source to mouth			
C-13	Clearwater River - North Fork Clearwater River to mouth	COLD SS	PCR ~~SCR~~	DWS SRW
C-14	Cottonwood Creek - source to mouth	COLD SS	SCR	
C-15	Jacks Creek - source to mouth			
C-16	Big Canyon Creek - source to mouth	COLD SS	PCR ~~SCR~~	
C-17	Cold Springs Creek - source to mouth			
C-18	Little Canyon Creek - confluence of Holes and Long Hollow Creeks to mouth			
C-19	Holes Creek - source to mouth			
C-20	Long Hollow Creek - source to mouth			
C-21	Clearwater River - Lolo Creek to North Fork Clearwater River	COLD SS	PCR ~~SCR~~	DWS SRW
C-22	Clearwater River - confluence of South and Middle Fork Clearwater Rivers to Lolo Creek	COLD SS	PCR ~~SCR~~	DWS SRW
C-23	Sixmile Creek - source to mouth			
C-24	Lawyer Creek - source to mouth	COLD SS	PCR ~~SCR~~	
C-25	Sevenmile Creek - source to mouth			
C-26	Lolo Creek - Yakus Creek to mouth			
C-27	Yakus Creek - source to mouth			
C-28	Lolo Creek - source to Yakus Creek			
C-29	Eldorado Creek - source to mouth			

Unit	Waters	Aquatic Life	Recreation	Other
C-30	Yoosa Creek - source to mouth			
C-31	Jim Brown Creek - source to mouth			
C-32	Musselshell Creek - source to mouth			
C-33	Big Creek - source to mouth			
C-34	Jim Ford Creek - Jim Ford Creek waterfall (12.5 miles upstream) to mouth	COLD	PCR ~~SCR~~	
C-35	Jim Ford Creek - source to Jim Ford Creek waterfall (12.5 miles upstream)	COLD	PCR ~~SCR~~	
C-36	Grasshopper Creek - source to mouth	COLD	PCR ~~SCR~~	DWS
C-37	Winter Creek - Winter Creek waterfall (3.4 miles upstream) to mouth			
C-38	Winter Creek - source to Winter Creek waterfall (3.4 miles upstream)			
C-39	Orofino Creek - source to mouth	COLD SS	PCR ~~SCR~~	
C-40	Whiskey Creek - source to mouth			
C-41	Bedrock Creek - source to mouth			
C-42	Louse Creek - source to mouth			
C-43	Pine Creek - source to mouth			
C-44	Potlatch River - Big Bear Creek to mouth	COLD SS	PCR ~~SCR~~	DWS
C-45	Potlatch River - Corral Creek to Big Bear Creek	COLD SS	PCR ~~SCR~~	DWS
C-46	Cedar Creek - source to mouth			
C-47	Boulder Creek - source to mouth			
C-48	Potlatch River - Moose Creek to Corral Creek	COLD SS	PCR ~~SCR~~	DWS
C-49	Potlatch River - source to Moose Creek	COLD SS	PCR ~~SCR~~	DWS SRW
C-50	Little Boulder Creek - source to mouth			
C-51	East Fork Potlatch River - source to mouth			
C-52	Ruby Creek - source to mouth			
C-53	Moose Creek - source to mouth			
C-54	Corral Creek - source to mouth			
C-55	Pine Creek - source to mouth			
C-56	Big Bear Creek - confluence of West and East Fork Big Bear Creeks to mouth			

Unit	Waters	Aquatic Life	Recreation	Other
C-57	East Fork Big Bear Creek - source to mouth			
C-58	West Fork Big Bear Creek - source to mouth			
C-59	Dry Creek - source to mouth			
C-60	Little Bear Creek - source to mouth	COLD SS	SCR	
C-61	West Fork Little Bear Creek - source to mouth			
C-62	Middle Potlatch Creek - source to mouth			
C-63	Bethel Canyon - source to mouth			
C-64	Little Potlatch Creek - source to mouth			
C-65	Howard Gulch - source to mouth			
C-66	Catholic Creek - source to mouth			
C-67	Hatwai Creek - source to mouth			

( )

09. Upper North Fork Clearwater Subbasin. The Upper North Fork Clearwater Subbasin, HUC 17060307, is comprised of forty-nine (49) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
C-1	North Fork Clearwater River - Dworshak Reservoir Dam to mouth	COLD SS	PCR ~~SCR~~	DWS SRW
C-2	North Fork Clearwater River - Skull Creek to Aquarius Campground (T40N, R07E, Sec. 05)	COLD SS	PCR ~~SCR~~	DWS SRW
C-3	North Fork Clearwater River- Washington Creek to Skull Creek	COLD SS	PCR ~~SCR~~	DWS SRW
C-4	Washington Creek - source to mouth			
C-5	North Fork Clearwater River - Orogrande Creek to Washington Creek	COLD SS	PCR ~~SCR~~	DWS SRW
C-6	Orogrande Creek - French Creek to mouth			
C-7	Orogrande Creek - source to French Creek			
C-8	French Creek - source to mouth			
C-9	North Fork Clearwater River - Weitas Creek to Orogrande Creek	COLD SS	PCR ~~SCR~~	DWS SRW
C-10	Weitas Creek - Hemlock Creek to mouth			
C-11	Hemlock Creek - source to mouth			
C-12	Weitas Creek - Windy Creek to Hemlock Creek			
C-13	Middle Creek - source to mouth			
C-14	Little Weitas Creek - source to mouth			

Unit	Waters	Aquatic Life	Recreation	Other
C-15	Weitas Creek - source to Windy Creek			
C-16	Windy Creek - source to mouth			
C-17	North Fork Clearwater River - Kelly Creek to Weitas Creek	COLD SS	PCR ~~SCR~~	DWS SRW
C-18	Fourth of July Creek - source to mouth			
C-19	Kelly Creek - Cayuse Creek to mouth			
C-20	Cayuse Creek - Gravey Creek to mouth			
C-21	Monroe Creek - source to mouth			
C-22	Gravey Creek - source to mouth			
C-23	Cayuse Creek - source to Gravey Creek			
C-24	Toboggan Creek - source to mouth			
C-25	Kelly Creek - confluence of North and Middle Fork Kelly Creek to Cayuse Creek			
C-26	South Fork Kelly Creek - source to mouth			
C-27	Middle Fork Kelly Creek - source to mouth			
C-28	North Fork Kelly Creek - source to mouth			
C-29	Moose Creek - Osier Creek to mouth			
C-30	Little Moose Creek - source to mouth			
C-31	Osier Creek - source to mouth			
C-32	Moose Creek - source to Osier Creek			
C-33	North Fork Clearwater River - Lake Creek to Kelly Creek	COLD SS	PCR ~~SCR~~	DWS SRW
C-34	Lake Creek - source to mouth			
C-35	North Fork Clearwater River - Vanderbilt Gulch to Lake Creek	COLD SS	PCR ~~SCR~~	DWS SRW
C-36	Long Creek - source to mouth			
C-37	North Fork Clearwater River - source to Vanderbilt Gulch	COLD SS	PCR ~~SCR~~	DWS SRW
C-38	Vanderbilt Gulch - source to mouth			
C-39	Meadow Creek - source to mouth			
C-40	Elizabeth Creek - source to mouth			
C-41	Cold Springs Creek - source to mouth			
C-42	Sprague Creek - source to mouth			
C-43	Larson Creek - source to mouth			
C-44	Rock Creek - source to mouth			
C-45	Quartz Creek - source to mouth			

Unit	Waters	Aquatic Life	Recreation	Other
C-46	Cougar Creek - source to mouth			
C-47	Skull Creek - Collins Creek to mouth			
C-48	Skull Creek - source to Collins Creek			
C-49	Collins Creek - source to mouth			

( )

10. Lower North Fork Clearwater Subbasin. The Lower North Fork Clearwater Subbasin, HUC 17060308, is comprised of thirty-four (34) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
C-1	Dworshak Reservoir	COLD SS	PCR ~~SCR~~	DWS SRW
C-2	Reeds Creek - Alder Creek to Dworshak Reservoir	COLD SS	PCR ~~SCR~~	DWS
C-3	Reeds Creek - source to Alder Creek	COLD SS	PCR ~~SCR~~	DWS
C-4	Alder Creek - source to mouth			
C-5	Silver Creek - source to Dworshak Reservoir			
C-6	Benton Creek - source to Dworshak Reservoir			
C-7	North Fork Clearwater River - Aquaruis Campground (T40N, R07E, Sec. 05) to Dworshak Reservoir	COLD SS	PCR ~~SCR~~	DWS SRW
C-8	Beaver Creek - source to mouth			
C-9	Isabella Creek - source to mouth			
C-10	Little North Fork Clearwater River - Foehl Creek to Dworshak Reservoir			
C-11	Little North Fork Clearwater River - Spotted Louis Creek to Foehl Creek			
C-12	Sawtooth Creek - source to mouth			
C-13	Canyon Creek - source to mouth			
C-14	Spotted Louis Creek - source to mouth			
C-15	Little North Fork Clearwater River - Rutledge Creek to Spotted Louis Creek			
C-16	Rutledge Creek - source to mouth			
C-17	Little North Fork Clearwater River - source to Rutledge Creek			
C-18	Foehl Creek - source to mouth			
C-19	Stoney Creek - Glover Creek to Dworshak Reservoir			
C-20	Floodwood Creek - source to mouth			

Unit	Waters	Aquatic Life	Recreation	Other
C-21	Glover Creek - source to mouth			
C-22	Stony Creek - source to Glover Creek			
C-23	Isabella Creek - source to mouth			
C-24	Breakfast Creek - source to mouth			
C-25	Gold Creek - source to Dworshak Reservoir			
C-26	Weitas Creek - source to Dworshak Reservoir			
C-27	Swamp Creek - source to Dworshak Reservoir			
C-28	Cranberry Creek - source to Dworshak Reservoir			
C-29	Elk Creek - source to Dworshak Reservoir	COLD SS	PCR ~~SCR~~	DWS
C-30	Bull Run Creek - confluence of Squaw and Shattuck Creeks to mouth			
C-31	Shattuck Creek - source to mouth			
C-32	Squaw Creek - source to mouth			
C-33	Long Meadow Creek - source to Dworshak Reservoir			
C-34	Dicks Creek - source to Dworshak Reservoir			

( )

121. -- 129. (RESERVED).

130. SALMON BASIN.
~~The waters found within the Salmon hydrologic basin are designated for use~~ Surface waters found within the Salmon basin total twelve (12) subbasins and are designated as follows: ~~(7-1-93)~~( )

01. ~~Designated Uses Within Salmon Basin - Table C~~ Hells Canyon Subbasin. The Hells Canyon Subbasin, HUC 17060101, is comprised of twenty-eight (28) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
S-1	Snake River - Wolf Creek to Salmon River	COLD SS	PCR ~~SCR~~	DWS SRW
S-2	Snake River - Sheep Creek to Wolf Creek	COLD SS	PCR ~~SCR~~	DWS SRW
S-3	Snake River - Hells Canyon Dam to Sheep Creek	COLD SS	PCR ~~SCR~~	DWS SRW
S-4	Deep Creek - source to mouth			
S-5	Brush Creek - source to mouth			
S-6	Granite Creek - source to mouth			
S-7	Little Granite Creek - source to mouth			
S-8	Bernard Creek - source to mouth			

Unit	Waters	Aquatic Life	Recreation	Other
S-9	Sheep Creek - confluence of West and East Fork Sheep Creeks to mouth			
S-10	West Fork Sheep Creek - source to mouth			
S-11	East Fork Sheep Creek - source to mouth			
S-12	Clarks Fork - source to mouth			
S-13	Caribou Creek - source to mouth			
S-14	Kirkwood Creek - source to mouth			
S-15	Kirby Creek - source to mouth			
S-16	Corral Creek - source to mouth			
S-17	Klopton Creek - source to mouth			
S-18	Kurry Creek - source to mouth			
S-19	West Creek - source to mouth			
S-20	Big Canyon Creek - source to mouth			
S-21	Jones Creek - source to mouth			
S-22	Highrange Creek - source to mouth			
S-23	Getta Creek - source to mouth			
S-24	Wolf Creek - Basin Creek to mouth			
S-25	Wolf Creek - source to Basin Creek			
S-26	Basin Creek - source to mouth			
S-27	Dry Creek - source to mouth			
S-28	Divide Creek - source to mouth			

~~(3-23-98)~~( )

02. ~~Salmon Hydrologic Basin - Map C~~ Lower Snake-Asotin Subbasin. The Lower Snake-Asotin Subbasin, HUC 17060103, is comprised of sixteen (16) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
S-1	Snake River - Asotin River (Idaho/Oregon border) to Lower Granite Dam pool	COLD	PCR ~~SCR~~	DWS
S-2	Snake River - Captain John Creek to Asotin River (Idaho/Oregon border)	COLD	PCR ~~SCR~~	DWS SRW
S-3	Snake River - Cottonwood Creek to Captain John Creek	COLD	PCR ~~SCR~~	DWS SRW
S-4	Snake River - Salmon River to Cottonwood Creek	COLD	PCR ~~SCR~~	DWS SRW
S-5	Cottonwood Creek - source to mouth			
S-6	Cave Gulch - source to mouth			

Unit	Waters	Aquatic Life	Recreation	Other
S-7	Corral Creek - source to mouth			
S-8	Middle Creek - source to mouth			
S-9	Dough Creek - source to mouth			
S-10	Billy Creek - source to mouth			
S-11	Captain John Creek - source to mouth			
S-12	Redbird Creek - source to mouth			
S-13	Tenmile Canyon - source to mouth			
S-14	Tammany Creek - Unnamed Tributary (T34N, R05W, Sec. 24) to mouth			
S-15	Unnamed Tributary - source to mouth (T34N, R05W, Sec. 24)			
S-16	Tammany Creek - source to Unnamed Tributary (T34N, R05W, Sec. 24)			

~~(7-1-93)~~( )

03. Upper Salmon Subbasin. The Upper Salmon Subbasin, HUC 17060201, is comprised of one hundred thirty-two (132) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
S-1	Salmon River - Pennal Gulch to Pashsimeroi River	COLD SS	PCR ~~SCR~~	DWS SRW
S-2	Morgan Creek - West Creek to mouth			
S-3	Morgan Creek - source to West Creek			
S-4	West Creek - Blowfly Creek to mouth			
S-5	Blowfly Creek - source to mouth			
S-6	West Creek - source to Blowfly Creek			
S-7	Challis Creek - Darling Creek to mouth			
S-8	Darling Creek - source to mouth			
S-9	Challis Creek - Bear Creek to Darling Creek			
S-10	Eddy Creek - source to mouth			
S-11	Bear Creek - source to mouth			
S-12	Challis Creek - source to Bear Creek			
S-13	Mill Creek - source to mouth			
S-14	Salmon River - Garden Creek to Pennal Gulch	COLD SS	PCR ~~SCR~~	DWS SRW
S-15	Garden Creek - source to mouth			
S-16	Salmon River - East Fork Salmon River to Garden Creek	COLD SS	PCR ~~SCR~~	DWS SRW

Unit	Waters	Aquatic Life	Recreation	Other
S-17	Bayhorse Creek - source to mouth			
S-18	Lyon Creek - source to mouth			
S-19	Salmon River - Squaw Creek to East Fork Salmon River	COLD SS	PCR ~~SCR~~	DWS SRW
S-20	Kinnikinic Creek - source to mouth			
S-21	Squaw Creek - Cash Creek to mouth	COLD SS	SCR	
S-22	Cash Creek - source to mouth			
S-23	Squaw Creek - confluence of Aspen and Cinnabar Creeks to Cash Creek	COLD SS	SCR	
S-24	Aspen Creek - source to mouth			
S-25	Cinnabar Creek - source to mouth			
S-26	Salmon River - Thompson Creek to Squaw Creek	COLD SS	PCR ~~SCR~~	DWS SRW
S-27	Thompson Creek - source to mouth	COLD SS	SCR	
S-28	Salmon River - Yankee Fork Creek to Thompson Creek	COLD SS	PCR ~~SCR~~	DWS SRW
S-29	Yankee Fork Creek - Jordan Creek to mouth	COLD SS	PCR ~~SCR~~	DWS SRW
S-30	Ramey Creek - source to mouth			
S-31	Yankee Fork Creek - source to Jordan Creek	COLD SS	PCR ~~SCR~~	DWS SRW
S-32	Fivemile Creek - source to mouth			
S-33	Elevenmile Creek - source to mouth			
S-34	McKay Creek - source to mouth			
S-35	Twentymile Creek - source to mouth			
S-36	Tenmile Creek - source to mouth			
S-37	Eightmile Creek - source to mouth			
S-38	Jordan Creek - from and including Unnamed Tributary (T13N, R15E, Sec. 29) to mouth			
S-39	Jordan Creek - source to Unnamed Tributary (T13N, R15E, Sec. 29)			
S-40	West Fork Yankee Fork Creek - Lightning Creek to mouth			
S-41	Lightning Creek - source to mouth			
S-42	West Fork Yankee Fork Creek - source to Lightning Creek			
S-43	Cabin Creek - source to mouth			

Unit	Waters	Aquatic Life	Recreation	Other
S-44	Salmon River - Valley Creek to Yankee Fork Creek	COLD SS	PCR ~~SCR~~	DWS SRW
S-45	Basin Creek - East Basin Creek to mouth			
S-46	East Basin Creek - source to mouth			
S-47	Basin Creek - source to East Basin Creek			
S-48	Valley Creek - Trap Creek to mouth			
S-49	Stanley Creek - source to mouth			
S-50	Valley Creek - source to Trap Creek			
S-51	Trap Creek - Meadow Creek to mouth			
S-52	Trap Creek - source to Meadow Creek			
S-53	Meadow Creek - source to mouth			
S-54	Elk Creek - source to mouth			
S-55	Stanley Creek - source to mouth			
S-56	Crooked Creek - source to mouth			
S-57	Iron Creek - source to mouth			
S-58	Goat Creek - source to mouth			
S-59	Meadow Creek - source to mouth			
S-60	Salmon River - Redfish Lake Creek to Valley Creek	COLD SS	PCR ~~SCR~~	DWS SRW
S-61	Redfish Lake Creek - Redfish Lake to mouth			
S-62	Fishhook Creek - source to mouth			
S-63	Redfish Lake			
S-64	Redfish Lake Creek - source to Redfish Lake			
S-65	Salmon River - Unnamed Tributary (T19N, R13E, Sec. 25) to Redfish Lake Creek	COLD SS	PCR ~~SCR~~	DWS SRW
S-66	Decker Creek - Huckleberry Creek to mouth			
S-67	Decker Creek - source to Huckleberry Creek			
S-68	Huckleberry Creek - source to mouth			
S-69	Salmon River - Fisher Creek to Decker Creek	COLD SS	PCR ~~SCR~~	DWS SRW
S-70	Salmon River - Alturas Lake Creek to Fisher Creek	COLD SS	PCR ~~SCR~~	DWS SRW
S-71	Hell Roaring Creek - source to mouth			
S-72	Alturas Lake Creek - Alturas Lake to mouth			
S-73	Toxaway/Farley Lake - source to mouth			
S-74	Pettit Lake			

Unit	Waters	Aquatic Life	Recreation	Other
S-75	Alturas Lake			
S-76	Alturas Lake Creek - source to Alturas Lake			
S-77	Alpine Creek - source to mouth			
S-78	Salmon River - source to Alturas Lake Creek	COLD SS	PCR ~~SCR~~	DWS SRW
S-79	Beaver Creek - source to mouth			
S-80	Smiley Creek - source to mouth			
S-81	Frenchman Creek - source to mouth			
S-82	Pole Creek - source to mouth			
S-83	Champion Creek - source to mouth			
S-84	Fourth of July Creek - source to mouth			
S-85	Fisher Creek - source to mouth			
S-86	Williams Creek - source to mouth			
S-87	Gold Creek - source to mouth			
S-88	Little Casino Creek - source to mouth			
S-89	Big Casino Creek - source to mouth			
S-90	Rough Creek - source to mouth			
S-91	Warm Springs Creek - Swimm Creek to mouth			
S-92	Warm Springs Creek - Pigtail Creek to Swimm Creek			
S-93	Pigtail Creek - source to mouth			
S-94	Warm Springs Creek - source to Pigtail Creek			
S-95	Swimm Creek - source to mouth			
S-96	Slate Creek - source to mouth			
S-97	Holman Creek - source to mouth			
S-98	Sullivan Creek - source to mouth			
S-99	East Fork Salmon River - Herd Creek to mouth	COLD SS	PCR ~~SCR~~	DWS SRW
S-100	East Fork Salmon River - Germania Creek to Herd Creek	COLD SS	PCR ~~SCR~~	DWS SRW
S-101	Big Lake Creek - source to mouth			
S-102	Big Boulder Creek - source to mouth			
S-103	Little Boulder Creek - source to mouth			
S-104	Germania Creek - Chamberlain Creek to mouth			
S-105	Chamberlain Creek - source to mouth			
S-106	Germania Creek - source to Chamberlain Creek			

Unit	Waters	Aquatic Life	Recreation	Other
S-107	East Fork Salmon River - confluence of South and West Fork Salmon Rivers to Germania	COLD SS	PCR ~~SCR~~	DWS SRW
S-108	West Fork East Fork Salmon River - source to mouth			
S-109	South Fork East Fork Salmon River - source to mouth			
S-110	Ibex Creek - source to mouth			
S-111	West Pass Creek - source to mouth			
S-112	Bowery Creek - source to mouth			
S-113	Pine Creek - source to mouth			
S-114	McDonald Creek - source to mouth			
S-115	Herd Creek - confluence of West Fork Herd Creek and East Pass Creek to mouth			
S-116	East Pass Creek - source to mouth			
S-117	Taylor Creek - source to mouth			
S-118	West Fork Herd Creek - source to mouth			
S-119	East Fork Herd Creek - source to mouth			
S-120	Lake Creek - source to mouth			
S-121	Road Creek - Corral Basin Creek to mouth			
S-122	Road Creek - source to Corral Basin Creek			
S-123	Mosquito Creek - source to mouth			
S-124	Corral Basin Creek - source to mouth			
S-125	Horse Basin Creek - source to mouth			
S-126	Spar Canyon Creek - source to mouth			
S-127	Bradshaw Gulch - source to mouth			
S-128	Warm Spring Creek - Hole-in-Rock Creek to mouth			
S-129	Warm Spring Creek - source to Hole-in-Rock Creek			
S-130	Broken Wagon Creek - source to mouth			
S-131	Hole-in-Rock Creek - source to mouth			
S-132	Pennal Gulch - source to mouth			

( )

04. Pahsimeroi Subbasin. The Pahsimeroi Subbasin, HUC 17060202, is comprised of thirty-nine (39) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
S-1	Pahsimeroi River - Patterson Creek to mouth	COLD SS	PCR ~~SCR~~	DWS SRW
S-2	Pahsimeroi River - Meadow Creek to Patterson Creek	COLD SS	PCR ~~SCR~~	DWS SRW
S-3	Lawson Creek - confluence of North and South Fork Lawson Creeks to mouth			
S-4	North Fork Lawson Creek - source to mouth			
S-5	South Fork Lawson Creek - source to mouth			
S-6	Meadow Creek - source to mouth			
S-7	Pahsimeroi River - Furley Road (T15S, R22E) to Meadow Creek	COLD SS	PCR ~~SCR~~	DWS SRW
S-8	Pahsimeroi River - Big Creek to Furley Road (T15S, R22E)	COLD SS	PCR ~~SCR~~	DWS SRW
S-9	Grouse Creek - source to mouth			
S-10	Pahsimeroi River - Goldburg Creek to Big Creek	COLD SS	PCR ~~SCR~~	DWS SRW
S-11	Pahsimeroi River - Unnamed Tributary (T12N, R23E, Sec. 22) to Goldburg Creek	COLD SS	PCR ~~SCR~~	DWS SRW
S-12	Unnamed Tributary - source to mouth (T12N, R23E, Sec. 22)			
S-13	Doublespring Creek - Christian Gulch to mouth			
S-14	Christian Gulch - source to mouth			
S-15	Doublespring Creek - source to Christian Gulch			
S-16	Mud Spring Canyon Complex			
S-17	Pahsimeroi River - Burnt Creek to Unnamed Tributary (T12N, R23E, Sec. 22)	COLD SS	PCR ~~SCR~~	DWS SRW
S-18	Pahsimeroi River - Mahogany Creek to Burnt Creek	COLD SS	PCR ~~SCR~~	DWS SRW
S-19	Mahogany Creek - source to mouth			
S-20	Pahsimeroi River - confluence of Rock Creek and East Fork Pahsimeroi River to Mahogany Creek	COLD SS	PCR ~~SCR~~	DWS SRW
S-21	Rock Creek - source to mouth			
S-22	East Fork Pahsimeroi River - source to mouth			
S-23	Burnt Creek - Long Creek to mouth			
S-24	Burnt Creek - source to Long Creek			
S-25	Long Creek - Short Creek to mouth			
S-26	Short Creek - source to mouth			

Unit	Waters	Aquatic Life	Recreation	Other
S-27	Long Creek - source to Short Creek			
S-28	Goldburg Creek - Donkey Creek to mouth			
S-29	Donkey Creek -source to mouth			
S-30	Goldburg Creek - source to Donkey Creek			
S-31	Big Creek - confluence of North and South Fork Big Creeks to mouth			
S-32	South Fork Big Creek - source to mouth			
S-33	North Fork Big Creek - source to mouth			
S-34	Patterson Creek - Inyo Creek to mouth			
S-35	Patterson Creek - source to and including Inyo Creek			
S-36	Falls Creek - source to mouth			
S-37	Morse Creek - Irrigation junction to mouth			
S-38	Morse Creek - source to Irrigation junction (T15S, R23E)			
S-39	Morgan Creek - source to mouth			

( )

05. Middle Salmon-Panther Subbasin. The Middle Salmon-Panther Subbasin, HUC 17060203, is comprised of eighty-eight (88) water body units.x

Unit	Waters	Aquatic Life	Recreation	Other
S-1	Salmon River - Panther Creek to Middle Fork Salmon River	COLD SS	PCR ~~SCR~~	DWS SRW
S-2	Panther Creek - Big Deer Creek to mouth	COLD SS	SCR	
S-3	Garden Creek - source to mouth			
S-4	Clear Creek - source to mouth			
S-5	Big Deer Creek - South Fork Big Deer Creek to mouth			
S-6	Big Deer Creek - source to South Fork Big Deer Creek			
S-7	South Fork Big Deer Creek - source to mouth			
S-8	Panther Creek - Napias Creek to Big Deer Creek	COLD SS	SCR	
S-9	Panther Creek - Blackbird Creek to Napias Creek	COLD SS	SCR	
S-10a	Blackbird Creek - source to Blackbird Reservoir Dam	COLD SS	SCR	
S-10b	Blackbird Creek - Blackbird Reservoir Dam to mouth	NONE	SCR	

Unit	Waters	Aquatic Life	Recreation	Other
S-11a	West Fork Blackbird Creek - source to concrete channel	COLD SS	SCR	
S-11b	West Fork Blackbird Creek - concrete channel to mouth only	NONE	SCR	
S-12	Panther Creek - Porphyry Creek to Blackbird Creek	COLD SS	PCR ~~SCR~~	DWS SRW
S-13	Musgrove Creek - source to mouth			
S-14	Porphyry Creek - source to mouth			
S-15	Panther Creek - source to Porphyry Creek	COLD SS	PCR ~~SCR~~	DWS SRW
S-16	Moyer Creek - source to mouth			
S-17	Woodtick Creek - source to mouth			
S-18	Deep Creek - Little Deep Creek to mouth			
S-19	Little Deep Creek - source to mouth			
S-20	Deep Creek - source to Little Deep Creek			
S-21	Napias Creek - Moccasin Creek to mouth			
S-22	Napias Creek - Arnett Creek to and including Moccasin Creek			
S-23	Napias Creek - source to Arnett Creek			
S-24	Arnett Creek - source to mouth			
S-25	Trail Creek - source to mouth			
S-26	Beaver Creek - source to mouth			
S-27	Salmon River - Indian Creek to Panther Creek	COLD SS	PCR ~~SCR~~	DWS SRW
S-28	Pine Creek - source to mouth			
S-29	East Boulder Creek - source to mouth			
S-30	Salmon River - North Fork Sheep Creek to Indian Creek	COLD SS	PCR ~~SCR~~	DWS SRW
S-31	Moose Creek - Little Moose Creek to mouth			
S-32	Little Moose Creek - source to mouth			
S-33	Moose Creek - Dolly Creek to Little Moose Creek			
S-34	Moose Creek - source to Dolly Creek			
S-35	Dolly Creek - source to mouth			
S-36	Dump Creek - Moose Creek to mouth			
S-37	Salmon River - Carmen Creek to North Fork Salmon River	COLD SS	PCR ~~SCR~~	DWS SRW
S-38	Wallace Creek - source to mouth			

Unit	Waters	Aquatic Life	Recreation	Other
S-39	Salmon River - Pollard Creek to Carmen Creek	COLD SS	PCR ~~SCR~~	DWS SRW
S-40	Salmon River - Williams Creek to Pollard Creek	COLD SS	PCR ~~SCR~~	DWS SRW
S-41	Williams Creek - confluence of North and South Fork Williams Creek to mouth			
S-42	North Fork Williams Creek - source to mouth			
S-43	South Fork Williams Creek - source to mouth			
S-44	Salmon River - Twelvemile Creek to Williams Creek	COLD SS	PCR ~~SCR~~	DWS SRW
S-45	Salmon River - Iron Creek to Twelvemile Creek	COLD SS	PCR ~~SCR~~	DWS SRW
S-46	Iron Creek - North Fork Iron Creek to mouth			
S-47	North Fork Iron Creek - source to mouth			
S-48	Iron Creek - source to North Fork Iron Creek			
S-49	West Fork Iron Creek - source to mouth			
S-50	South Fork Iron Creek - source to mouth			
S-51	Salmon River - Pahsimeroi River to Iron Creek	COLD SS	PCR ~~SCR~~	DWS SRW
S-52	Hot Creek - source to mouth			
S-53	Cow Creek - source to mouth			
S-54	Allison Creek - source to mouth			
S-55	McKim Creek - source to mouth			
S-56	Poison Creek - source to mouth			
S-57	Warm Springs Creek - source to mouth			
S-58	Twelvemile Creek - source to mouth			
S-59	Carmen Creek - Freeman Creek to mouth			
S-60	Freeman Creek - source to mouth			
S-61	Carmen Creek - source to Freeman Creek			
S-62	Tower Creek - source to mouth			
S-63	Fourth of July Creek - Little Fourth of July Creek to mouth			
S-64	Fourth of July Creek - source to Little Fourth of July Creek			
S-65	Little Fourth of July Creek - source to mouth			
S-66	North Fork Salmon River - Hughes Creek to mouth	COLD SS	PCR ~~SCR~~	DWS SRW
S-67	Big Silverlead Creek - source to mouth			

Unit	Waters	Aquatic Life	Recreation	Other
S-68	North Fork Salmon River - Sheep Creek to Hughes Creek	COLD SS	PCR ~~SCR~~	DWS SRW
S-69	Sheep Creek - source to mouth			
S-70	North Fork Salmon River - Dahlonega Creek to Sheep Creek	COLD SS	PCR ~~SCR~~	DWS SRW
S-71	Dahlonega Creek - Nez Perce Creek to mouth			
S-72	Dahlonega Creek - source to Nez Perce Creek			
S-73	Nez Perce Creek - source to mouth			
S-74	Anderson Creek - source to mouth			
S-75	North Fork Salmon River - Twin Creek to Dahlonega Creek	COLD SS	PCR ~~SCR~~	DWS SRW
S-76	North Fork Salmon River - source to Twin Creek	COLD SS	PCR ~~SCR~~	DWS SRW
S-77	Pierce Creek - source to mouth			
S-78	Twin Creek - source to mouth			
S-79	Hughes Creek - source to mouth			
S-80	Hull Creek - source to mouth			
S-81	Indian Creek - source to mouth			
S-82	Squaw Creek - source to mouth			
S-83	Spring Creek - source to mouth			
S-84	Boulder Creek - source to mouth			
S-85	Owl Creek - East Fork Owl Creek to mouth			
S-86	East Fork Owl Creek - source to mouth			
S-87	Owl Creek - source to East Fork Owl Creek			
S-88	Colson Creek - source to mouth			

( )

06. Lemhi Subbasin. The Lemhi Subbasin, HUC 17060204, is comprised of sixty-six (66) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
S-1	Lemhi River - Kenney Creek to mouth	COLD SS	PCR ~~SCR~~	DWS SRW
S-2	Mulkey Creek - source to mouth			
S-3a	Withington Creek - diversion (T20N, R23E, Sec. 09) to mouth			
S-3b	Withington Creek - source to diversion (T20N, R23E, Sec. 09)	COLD SS	SCR	

Unit	Waters	Aquatic Life	Recreation	Other
S-4	Haynes Creek - source to mouth			
S-5	Lemhi River - Hayden Creek to Kenney Creek	COLD SS	PCR ~~SCR~~	DWS SRW
S-6	Baldy Creek - source to mouth			
S-7a	McDevitt Creek - diversion (T19N, R23E, Sec. 36) to mouth			
S-7b	McDevitt Creek - source to diversion (T19N, R23E, Sec. 36)	COLD SS	SCR	
S-8	Muddy Creek - source to mouth			
S-9	Hayden Creek - Basin Creek to mouth	COLD SS	SCR	
S-10	Basin Creek - Lake Creek to mouth	COLD SS	SCR	
S-11	Basin Creek - confluence of McNutt Creek and Trail Creek to Lake Creek	COLD SS	SCR	
S-12	Trail Creek - source mouth			
S-13	McNutt Creek - source to mouth			
S-14	Lake Creek - source to mouth			
S-15	Hayden Creek - Bear Valley Creek to Basin Creek	COLD SS	SCR	
S-16	Bear Valley Creek -Wright Creek to mouth	COLD SS	SCR	
S-17	Bear Valley Creek - source to Wright Creek	COLD SS	SCR	
S-18	Wright Creek - source to mouth			
S-19	Kadletz Creek - source to mouth			
S-20	Hayden Creek -West Fork Hayden Creek to Bear Valley Creek	COLD SS	SCR	
S-21	Hayden Creek - source to West Fork Hayden Creek	COLD SS	SCR	
S-22	West Fork Hayden Creek - source to mouth			
S-23	East Fork Hayden Creek - source to mouth	COLD SS	SCR	
S-24	Lemhi River - Peterson Creek to Hayden Creek	COLD SS	PCR ~~SCR~~	DWS SRW
S-25	Lemhi River - confluence of Big and Little Eightmile Creeks to Peterson Creek	COLD SS	PCR ~~SCR~~	DWS SRW
S-26a	Mill Creek - diversion (T16N, R24E, Sec. 22) to mouth			
S-26b	Mill Creek - source to diversion (T16N, R24E, Sec. 22)	COLD SS	SCR	

Unit	Waters	Aquatic Life	Recreation	Other
S-27	Walter Creek - source to mouth			
S-28	Lee Creek - source to mouth			
S-29a	Big Eightmile Creek - diversion (T16N, R25E, Sec. 21) to mouth			
S-29b	Big Eightmile Creek - source to diversion (T16N, R25E, Sec. 21)	COLD SS	SCR	
S-30	Lemhi River - confluence of Eighteenmile Creek and Texas Creek to the confluence of Big and Little Eightmile Creeks	COLD SS	PCR ~~SCR~~	DWS SRW
S-31	Big Timber Creek - Little Timber Creek to mouth			
S-32a	Little Timber Creek - diversion (T15N, R25E, Sec. 24) to mouth			
S-32b	Little Timber Creek - source to diversion (T15N, R25E, Sec. 24)	COLD SS	SCR	
S-33	Big Timber Creek - Rocky Creek to Little Timber Creek	COLD SS	SCR	
S-34	Rocky Creek - source to mouth			
S-35	Big Timber Creek - source to Rocky Creek	COLD SS	SCR	
S-36	Texas Creek - Deer Creek to mouth			
S-37	Deer Creek - source to mouth			
S-38	Texas Creek - Meadow Creek to Deer Creek			
S-39	Meadow Lake Creek - source to mouth			
S-40	Texas Creek - source to Meadow Lake Creek			
S-41	Eighteenmile Creek - Hawley Creek to mouth			
S-42	Eighteenmile Creek - Clear Creek to Hawley Creek			
S-43	Eighteenmile Creek - Divide Creek to Hawley Creek	COLD	SCR	
S-44	Divide Creek - source to mouth			
S-45	Eighteenmile Creek - source to Divide Creek	COLD SS	SCR	
S-46	Clear Creek - source to mouth			
S-47	Tenmile Creek - Powderhorn Gulch to mouth			
S-48	Tenmile Creek - source to Powderhorn Gulch			
S-49	Powderhorn Gulch - source to mouth			
S-50a	Hawley Creek - diversion (T15N, R27E, Sec. 03) to mouth			
S-50b	Hawley Creek - source to diversion (T15N, R27E, Sec. 03)			
S-51a	Canyon Creek - diversion (T16N, R26E, Sec.22) to mouth			
S-51b	Canyon Creek - source to diversion (T16N, R26E, Sec.22)	COLD SS	SCR	

Unit	Waters	Aquatic Life	Recreation	Other
S-52a	Little Eightmile Creek - diversion (T16N, R25E, Sec. 02) to mouth			
S-52b	Little Eightmile Creek - source to diversion (T16N, R25E, Sec. 02)	COLD SS	SCR	
S-53	Peterson Creek - source to mouth			
S-54	Reese Creek - source to mouth			
S-55a	Yearian Creek - diversion (T17N, R24E, Sec. 03) to mouth			
S-55b	Yearian Creek - source to diversion (T17N, R24E, Sec. 03)	COLD SS	SCR	
S-56a	Agency Creek - diversion (T19N, R24E, Sec. 28) to mouth			
S-56b	Agency Creek - Cow Creek to diversion (T19N, R24E, Sec. 28)	COLD SS	SCR	
S-57	Cow Creek - source to mouth	COLD SS	SCR	
S-58	Agency Creek - source to Cow Creek	COLD SS	SCR	
S-59a	Pattee Creek - diversion (T19N, R24E, Sec. 16) to mouth			
S-59b	Pattee Creek - source to diversion (T19N, R24E, Sec. 16)	COLD SS	SCR	
S-60a	Pratt Creek - diversion (T20N, R23E, Sec. 11) to mouth			
S-60b	Pratt Creek - source to diversion (T20N, R23E, Sec. 11)	COLD SS	SCR	
S-61	Kenney Creek - source to mouth	COLD SS	SCR	
S-62a	Sandy Creek - diversion (T20N, R24E, Sec. 17) to mouth			
S-62b	Sandy Creek - source to diversion (T20N, R24E, Sec. 17)	COLD SS	SCR	
S-63	Wimpey Creek - source to mouth	COLD SS	SCR	
S-64a	Bohannon Creek - diversion (T21N, R23E, Sec. 22) to mouth			
S-64b	Bohannon Creek - source to diversion (T21N, R23E, Sec. 22)	COLD SS	SCR	
S-65a	Geertson Creek - diversion (T21N, R23E, Sec. 20) to mouth			
S-65b	Geertson Creek - source to diversion (T21N, R23E, Sec. 20)	COLD SS	SCR	
S-66a	Kirtley Creek - diversion (T21N, R22E, Sec. 02) to mouth			
S-66b	Kirtley Creek - source to diversion (T21N, R22E, Sec. 02)	COLD SS	SCR	

( )

07. Upper Middle Fork Salmon Subbasin. The Upper Middle Fork Salmon Subbasin, HUC 17060205, is comprised of seventy (70) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
S-1	Middle Fork Salmon River - confluence of Bear Valley Creek and Marsh Creek to Loon Creek	COLD SS	PCR ~~SCR~~	DWS SRW
S-2	Marble Creek - source to mouth			
S-3	Trail Creek - source to mouth			
S-4	Big Cottonwood Creek - source to mouth			
S-5	Dynamite Creek - source to mouth			
S-6	Indian Creek - source to mouth			
S-7	Pistol Creek - source to mouth			
S-8	Elkhorn Creek - source to mouth			
S-9	Sulphur Creek - source to mouth			
S-10	Boundary Creek - source to mouth			
S-11	Dagger Creek - source to mouth			
S-12	Bear Valley Creek - source to mouth			
S-13	Elk Creek - source to mouth			
S-14	Sheep Trail Creek - source to mouth			
S-15	Cub Creek - source to mouth			
S-16	Cache Creek - source to mouth			
S-17	Fir Creek - source to mouth			
S-18	Marsh Creek - Beaver Creek to mouth			
S-19	Marsh Creek - Knapp Creek to Beaver Creek			
S-20	Cape Horn Creek - Banner Creek to mouth			
S-21	Cape Horn Creek - source to Banner Creek			
S-22	Banner Creek - source to mouth			
S-23	Swamp Creek - source to mouth			
S-24	Marsh Creek - source to Knapp Creek			
S-25	Knapp Creek - source to mouth			
S-26	Asher Creek - source to mouth			
S-27	Unnamed Tributary - source to mouth (T12N, R11E, Sec. 11)			
S-28	Beaver Creek - Bear Creek to mouth			
S-29	Beaver Creek - Winnemucca Creek to Bear Creek			
S-30	Winnemucca Creek - source to mouth			
S-31	Beaver Creek - source to Winnemucca Creek			

Unit	Waters	Aquatic Life	Recreation	Other
S-32	Bear Creek - source to mouth			
S-33	Soldier Creek - source to mouth			
S-34	Greyhound Creek - source to mouth			
S-35	Rapid River - Bell Creek to mouth			
S-36	Bell Creek - source to mouth			
S-37	Rapid River - Lucinda Creek to Bell Creek			
S-38	Rapid River - Float Creek to Lucinda Creek			
S-39	Float Creek - source to mouth			
S-40	Rapid River - Vanity Creek to Float Creek			
S-41	Vanity Creek - source to mouth			
S-42	Rapid River - source to Vanity Creek			
S-43	Lucinda Creek - source to mouth			
S-44	Sheep Creek - confluence of North and South Fork Sheep Creek to mouth			
S-45	South Fork Sheep Creek - source to mouth			
S-46	North Fork Sheep Creek - source to mouth			
S-47	Little Loon Creek - source to mouth			
S-48	Loon Creek - Cabin Creek to mouth			
S-49	Loon Creek - Warm Springs Creek to Cabin Creek			
S-50	Loon Creek - Cottonwood Creek to Warm Springs Creek			
S-51	Loon Creek - Shell Creek to Cottonwood Creek			
S-52	Shell Creek - source to mouth			
S-53	Loon Creek - Grouse Creek to Shell Creek			
S-54	Grouse Creek - source to mouth			
S-55	Loon Creek - Canyon Creek to Grouse Creek			
S-56	Canyon Creek - source to mouth			
S-57	Loon Creek - Pioneer Creek to Canyon Creek			
S-58	Trail Creek - source to mouth			
S-59	Loon Creek - source to Pioneer Creek			
S-60	Pioneer Creek - source to mouth			
S-61	No Name Creek - source to mouth			
S-62	Mayfield Creek - confluence of East and West Fork Mayfield Creek to mouth			
S-63	West Fork Mayfield Creek - source to mouth			
S-64	East Fork Mayfield Creek - source to mouth			

Unit	Waters	Aquatic Life	Recreation	Other
S-65	Cottonwood Creek - source to mouth			
S-66	South Fork Cottonwood Creek - source to mouth			
S-67	Warm Springs Creek - Trapper Creek to mouth			
S-68	Trapper Creek - source to mouth			
S-69	Warm Springs Creek - source to Trapper Creek			
S-70	Cabin Creek - source to mouth			

( )

08. Lower Middle Fork Salmon Subbasin. The Lower Middle Fork Salmon Subbasin, HUC 17060206, is comprised of fifty (50) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
S-1	Middle Fork Salmon River - Loon Creek to mouth	COLD SS	PCR ~~SCR~~	DWS SRW
S-2	Papoose Creek - source to mouth			
S-3	Big Creek - source to mouth	COLD SS	PCR ~~SCR~~	DWS SRW
S-4	Cabin Creek - source to mouth			
S-5	Cave Creek - source to mouth			
S-6	Crooked Creek - source to mouth			
S-7	Big Ramey Creek - source to mouth			
S-8	Beaver Creek - source to mouth			
S-9	Smith Creek - source to mouth			
S-10	Logan Creek - source to mouth			
S-11	Little Marble Creek - source to mouth			
S-12	Monumental Creek - source to mouth	COLD SS	PCR ~~SCR~~	DWS SRW
S-13	Snowslide Creek - source to mouth			
S-14	West Fork Monumental Creek - source to mouth			
S-15	Rush Creek - source to mouth			
S-16	Two Point Creek - source to mouth			
S-17	Soldier Creek - source to mouth			
S-18	Brush Creek - source to mouth			
S-19	Sheep Creek - source to mouth			
S-20	Camas Creek - Yellowjacket Creek to mouth			
S-21	Camas Creek - Forge Creek to Yellowjacket Creek			

Unit	Waters	Aquatic Life	Recreation	Other
S-22	Camas Creek - Duck Creek to Forge Creek			
S-23	Camas Creek - Silver Creek to Duck Creek			
S-24	West Fork Camas Creek - source to mouth			
S-25	Camas Creek - Castle Creek to Silver Creek			
S-26	Camas Creek - Furnance Creek to Castle Creek			
S-27	Camas Creek - White Goat Creek to Furnance Creek			
S-28	Camas Creek - South Fork Camas Creek to White Goat Creek			
S-29	South Fork Camas Creek - source to mouth			
S-30	Camas Creek - source to South Fork Camas Creek			
S-31	White Goat Creek - source to mouth			
S-32	Furnace Creek - source to mouth			
S-33	Castle Creek - source to mouth			
S-34	Silver Creek - source to mouth			
S-35	Duck Creek - source to mouth			
S-36	Forge Creek - source to mouth			
S-37	Yellowjacket Creek - Jenny Creek to mouth			
S-38	Yellowjacket Creek - Hoodoo Creek to Jenny Creek			
S-39	Yellowjacket Creek - Little Jacket Creek to Hoodoo Creek			
S-40	Little Jacket Creek - source to mouth			
S-41	Yellowjacket Creek - Trail Creek to Little Jacket Creek			
S-42	Trail Creek - source to mouth			
S-43	Yellowjacket Creek - source to Trail Creek			
S-44	Hoodoo Creek - source to mouth			
S-45	Jenny Creek - source to mouth			
S-46	Wilson Creek - source to mouth			
S-47	Waterfall Creek - source to mouth			
S-48	Ship Island Creek - source to mouth			
S-49	Roaring Creek - source to mouth			
S-50	Goat Creek - source to mouth			

( )

09. Middle Salmon-Chamberlain Subbasin. The Middle Salmon-Chamberlain Subbasin, HUC 17060207, is comprised of seventy-seven (77) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
S-1	Salmon River - South Fork Salmon River to river mile 106 (T24N, R04E, Sec. 18)	COLD	PCR ~~SCR~~	DWS SRW
S-2	Fall Creek - source to mouth			
S-3	Carey Creek - source to mouth			
S-4	California Creek - source to mouth			
S-5	Cottontail Creek - source to mouth			
S-6	Rabbit Creek - source to mouth			
S-7	Warren Creek - source to mouth			
S-8	Salmon River - Chamberlain Creek to South Fork Salmon River	COLD SS	PCR ~~SCR~~	DWS SRW
S-9	Fivemile Creek - source to mouth			
S-10	Little Fivemile Creek - source to mouth			
S-11	Lemhi Creek - source to mouth			
S-12	Fall Creek - source to mouth			
S-13	Trout Creek - source to mouth			
S-14	Richardson Creek - source to mouth			
S-15	Dillinger Creek - source to mouth			
S-16	Hot Springs Creek - source to mouth			
S-17	Big Bear Creek - source to mouth			
S-18	Salmon River - Horse Creek to Chamberlain Creek	COLD SS	PCR ~~SCR~~	DWS SRW
S-19	Chamberlain Creek - McCalla Creek to mouth			
S-20	Chamberlain Creek - Game Creek to McCalla Creek			
S-21	Queen Creek - source to mouth			
S-22	Game Creek - source to mouth			
S-23	West Fork Game Creek - source to mouth			
S-24	Chamberlain Creek - confluence of Rim and South Fork Chamberlain Creeks to Game Creek			
S-25	Flossie Creek - source to mouth			
S-26	Rim Creek - source to mouth			
S-27	South Fork Chamberlain Creek - source to mouth			
S-28	Moose Creek - source to mouth			
S-29	Lodgepole Creek - source to mouth			
S-30	McCalla Creek - source to mouth			

Unit	Waters	Aquatic Life	Recreation	Other
S-31	Whimstick Creek - source to mouth			
S-32	Disappointment Creek - source to mouth			
S-33	Starvation Creek - source to mouth			
S-34	Hungry Creek - source to mouth			
S-35	Cottonwood Creek - source to mouth			
S-36	Peak Creek - source to mouth			
S-37	Salmon River - Middle Fork Salmon River to Horse Creek	COLD SS	PCR ~~SCR~~	DWS SRW
S-38	Butts Creek - source to mouth			
S-39	Kitchen Creek - source to mouth			
S-40	Corn Creek - source to mouth			
S-41	Horse Creek - Little Horse Creek to mouth			
S-42	Little Horse Creek - source to mouth			
S-43	Horse Creek - Reynolds Creek to Little Horse Creek			
S-44	Horse Creek - source to Reynolds Creek			
S-45	East Fork Reynolds Creek - source to mouth			
S-46	Reynolds Creek - source to mouth			
S-47	West Horse Creek - source to mouth			
S-48	Little Squaw Creek - source to mouth			
S-49	Harrington Creek - source to mouth			
S-50	Sabe Creek - Hamilton Creek to mouth			
S-51	Hamilton Creek - source to mouth			
S-52	Sabe Creek - source to Hamilton Creek			
S-53	Center Creek - source to mouth			
S-54	Rattlesnake Creek - source to mouth			
S-55	Bargamin Creek - source to mouth			
S-56	Porcupine Creek - source to mouth			
S-57	Prospector Creek - source to mouth			
S-58	Cache Creek - source to mouth			
S-59	Salt Creek - source to mouth			
S-60	Rainey Creek - source to mouth			
S-61	Big Mallard Creek - source to mouth			
S-62	Little Mallard Creek - source to mouth			
S-63	Rhett Creek - source to mouth			
S-64	Big Blowout Creek - source to mouth			

Unit	Waters	Aquatic Life	Recreation	Other
S-65	Jersey Creek - source to mouth			
S-66	Indian Creek - source to mouth			
S-67	Crooked Creek - Lake Creek to mouth			
S-68	Crooked Creek - source to Lake Creek			
S-69	Big Creek - source to mouth			
S-70	Lake Creek - source to mouth			
S-71	Arlington Creek - source to mouth			
S-72	Bull Creek - source to mouth			
S-73	Elk Creek - source to mouth			
S-74	Sheep Creek - source to mouth			
S-75	Long Meadow Creek - source to mouth			
S-76	Wind River - source to mouth			
S-77	Meadow Creek - source to mouth			

( )

10. South Fork Salmon Subbasin. The South Fork Salmon Subbasin, HUC 17060208, is comprised of thirty-five (35) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
S-1	South Fork Salmon River - East Fork Salmon River to mouth	COLD SS	PCR ~~SCR~~	DWS SRW
S-2	Raines Creek - source to mouth			
S-3	Pony Creek - source to mouth			
S-4	Bear Creek - source to mouth			
S-5	Secesh River - confluence of Summitt Creek and Lake Creek to mouth	COLD SS	PCR ~~SCR~~	DWS SRW
S-6	Lake Creek - source to mouth			
S-7	Summit Creek - source to mouth			
S-8	Loon Creek - source to mouth			
S-9	Lick Creek - source to mouth			
S-10	South Fork Salmon River - source to East Fork of the South Fork Salmon River	COLD SS	PCR ~~SCR~~	DWS SRW
S-11	Fitsum Creek - source to mouth			
S-12	Buckhorn Creek - source to mouth			
S-13	Cougar Creek - source to mouth			
S-14	Blackmare Creek - source to mouth			

Unit	Waters	Aquatic Life	Recreation	Other
S-15	Dollar Creek - source to mouth			
S-16	Six-bit Creek - source to mouth			
S-17	Trail Creek - source to mouth			
S-18	Rice Creek - source to mouth			
S-19	Cabin Creek - source to mouth			
S-20	Warm Lake			
S-21	Fourmile Creek - source to mouth			
S-22	Camp Creek - source to mouth			
S-23	East Fork of the South Fork Salmon River - source to mouth	COLD SS	PCR SCR	DWS SRW
S-24	Caton Creek - source to mouth			
S-25	Johnson Creek - source to mouth	COLD SS	PCR ~~SCR~~	DWS SRW
S-26	Burntlog Creek - source to mouth			
S-27	Trapper Creek - source to mouth			
S-28	Riordan Creek - source to mouth			
S-29	Sugar Creek - source to mouth			
S-30	Tamarack Creek - source to mouth			
S-31	Profile Creek - source to mouth			
S-32	Quartz Creek - source to mouth			
S-33	Sheep Creek - source to mouth			
S-34	Elk Creek - source to mouth			
S-35	Porphyry Creek - source to mouth			

( )

11. Lower Salmon Subbasin. The Lower Salmon Subbasin, HUC 17060209, is comprised of sixty-five (65) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
S-1	Salmon River - Rice Creek to mouth	COLD	PCR ~~SCR~~	DWS SRW
S-2	Flynn Creek - source to mouth			
S-3	Cottonwood Creek - source to mouth			
S-4	Billy Creek - source to mouth			
S-5	Burnt Creek - source to mouth			
S-6	Round Spring Creek - source to mouth			

Unit	Waters	Aquatic Life	Recreation	Other
S-7	Rice Creek - source to mouth			
S-8	Salmon River - Slate Creek to Rice Creek	COLD	PCR ~~SCR~~	DWS SRW
S-9	Sotin Creek - source to mouth			
S-10	Deer Creek - source to mouth			
S-11	Salmon River - Little Salmon River to Slate Creek	COLD	PCR ~~SCR~~	DWS SRW
S-12	China Creek- source to mouth			
S-13	Cow Creek - source to mouth			
S-14	Race Creek - confluence West and South Fork Race Creek to mouth			
S-15	West Fork Race Creek - source to mouth			
S-16	South Fork Race Creek - source to mouth			
S-17	Kessler Creek - source to mouth			
S-18	Grave Creek - source to mouth			
S-19	Salmon River - river mile 106 (T24N, R04E, Sec. 18) to Little Salmon River	COLD	PCR ~~SCR~~	DWS SRW
S-20	Lake Creek - source to mouth			
S-21	Partridge Creek - source to mouth			
S-22	Elkhorn Creek - source to mouth			
S-23	French Creek - Little French Creek to mouth			
S-24	Little French Creek - source to mouth			
S-25	French Creek - source to Little French Creek			
S-26	Kelly Creek - source to mouth			
S-27	Van Creek - source to mouth			
S-28	Allison Creek - West Fork Allison Creek to mouth			
S-29	Allison Creek - source to West Fork Allison Creek			
S-30	West Fork Allison Creek - source to mouth			
S-31	Berg Creek - source to mouth			
S-32	Fiddle Creek - source to mouth			
S-33	John Day Creek - source to mouth			
S-34	Slate Creek - from and including Hurley Creek to mouth			
S-35	Little Van Buren Creek - source to mouth			
S-36	Slate Creek - Little Slate Creek to Hurley Creek			
S-37	Little Slate Creek - source to mouth			
S-38	Deadhorse Creek - source to mouth			

Unit	Waters	Aquatic Life	Recreation	Other
S-39	Van Buren Creek - source to mouth			
S-40	Tumble Creek - source to mouth			
S-41	Slate Creek - source to Little Slate Creek			
S-42	North Fork Slate Creek - source to mouth			
S-43	McKinzie Creek - source to mouth			
S-44	Skookumchuck Creek - confluence North and South Fork Skookumchuck Creeks to mouth			
S-45	South Fork Skookumchuck Creek - source to mouth			
S-46	North Fork Skookumchuck Creek - source to mouth			
S-47	Whitebird Creek - confluence of North and South Fork Whitebird Creeks to mouth	COLD SS	PCR ~~SCR~~	DWS
S-48	South Fork Whitebird Creek - Little Whitebird Creek to mouth			
S-49	Little Whitebird Creek - source to mouth			
S-50	South Fork Whitebird Creek - source to Little Whitebird Creek			
S-51	Jungle Creek - source to mouth			
S-52	Asbestos Creek - source to mouth			
S-53	Teepee Creek - source to mouth			
S-54	Pinnacle Creek - source to mouth			
S-55	North Fork Whitebird Creek - source to mouth			
S-56	Rock Creek - Grave Creek to mouth	COLD SS	PCR ~~SCR~~	
S-57	Rock Creek - source to Grave Creek	COLD SS	PCR ~~SCR~~	
S-58	Grave Creek - source to mouth			
S-59	Telcher Creek - source to mouth			
S-60	Deep Creek - source to mouth			
S-61	Maloney Creek - source to mouth			
S-62	Deer Creek - source to mouth			
S-63	Eagle Creek - source to mouth			
S-64	China Creek - source to mouth			
S-65	Wapshilla Creek - source to mouth			

( )

12. Little Salmon Subbasin. The Little Salmon Subbasin, HUC 17060210, is comprised of sixteen (16) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
S-1	Little Salmon River - Round Valley Creek to mouth	COLD SS	PCR ~~SCR~~	DWS SRW
S-2	Rapid River - source to mouth	COLD SS	PCR ~~SCR~~	DWS SRW
S-3	West Fork Rapid River - source to mouth			
S-4	Paradise Creek - source to mouth			
S-5	Boulder Creek - source to mouth			
S-6	Round Valley Creek - source to mouth			
S-7	Little Salmon River - source to Round Valley Creek	COLD SS	PCR ~~SCR~~	DWS SRW
S-8	Mud Creek - source to mouth			
S-9	Big Creek - source to mouth			
S-10	Goose Creek - source to mouth			
S-11	Brundage Reservoir			
S-12	Goose Lake			
S-13	Sixmile Creek - source to mouth			
S-14	Hazard Creek - source to mouth			
S-15	Hard Creek - source to mouth			
S-16	Elk Creek - source to mouth			

( )

131. -- 139. (RESERVED).

140. SOUTHWEST IDAHO BASIN.

~~The waters found within the Southwest hydrologic basin are designated for use~~ Surface waters found within the Southwest basin total nineteen (19) subbasins and are designated as follows: ~~(7-1-93)~~( )

01. ~~Designated Uses Within Southwest Idaho Basin - Table D~~ C.J. Strike Reservoir Subbasin. The C.J. Strike Reservoir Subbasin, HUC 17050101, is comprised of twenty-six (26) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
SW-1	Snake River - Browns Creek to C.J. Strike Dam	COLD	PCR ~~SCR~~	DWS SRW
SW-2	Dune's Lake	WARM	PCR	
SW-3	Browns Creek - source to mouth			
SW-4	West Fork Browns Creek - source to mouth			

Unit	Waters	Aquatic Life	Recreation	Other
SW-5	Snake River - Clover Creek to Browns Creek	COLD	PCR ~~SCR~~	DWS SRW
SW-6	Sailor Creek - source to mouth			
SW-7	Pot Hole Creek - source to mouth			
SW-8	Deadman Creek - source to mouth			
SW-9	Rosevear Gulch - source to mouth			
SW-10	King Hill Creek - source to mouth			
SW-11	West Fork King Hill Creek - source to mouth			
SW-12	Little Canyon Creek - source to mouth			
SW-13	Alkali Creek - source to mouth			
SW-14	Cold Springs Creek - source to mouth			
SW-15	Ryegrass Creek - source to mouth			
SW-16	Bennett Creek - source to mouth			
SW-17	Hot Springs Reservoir			
SW-18	Dive Creek - source to mouth			
SW-19	Rattlesnake Creek - source to mouth (T05S, R06E)			
SW-20	Mountain Home Reservoir			
SW-21	Canyon Creek - Fraiser Reservoir Dam to mouth			
SW-22	Fraiser Reservoir			
SW-23	Canyon Creek - confluence of Syrup and Long Tom Creeks to Fraiser Reservoir			
SW-24	Long Tom Creek - source to mouth			
SW-25	Syrup Creek - source to mouth			
SW-26	Squaw Creek - source to mouth			

~~(7-1-93)~~(____)

02. ~~Southwest Idaho Hydrologic Basin - Map D~~ Bruneau Subbasin. The Bruneau Subbasin, HUC 17050102, is comprised of thirty-five (35) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
SW-1	C.J. Strike Reservoir	COLD	PCR ~~SCR~~	SRW
SW-2	Jacks Creek - confluence of Little and Big Jacks Creeks to C.J. Strike Reservoir			
SW-3	Little Jacks Creek - source to mouth			
SW-4	Big Jacks Creek -source to mouth			

Unit	Waters	Aquatic Life	Recreation	Other
SW-5	Cottonwood Creek - source to mouth			
SW-6	Duncan Creek - source to mouth			
SW-7	Wickahoney Creek - source to mouth			
SW-8	Sugar Valley Creek - source to mouth			
SW-9	Bruneau River - Hot Creek to C.J. Strike Reservoir	COLD SS	PCR ~~SCR~~	
SW-10	Hot Creek - source to mouth			
SW-11	Bruneau River - Clover Creek (East Fork Bruneau River) to Hot Creek	COLD SS	PCR ~~SCR~~	DWS SRW
SW-12	Miller Water - source to mouth			
SW-13	Bruneau River - Jarbridge River to Clover Creek (East Fork Bruneau River)	COLD SS	PCR ~~SCR~~	DWS SRW
SW-14	Sheep Creek - Idaho/Nevada border to mouth	COLD	PCR	
SW-15	Louse Creek - source to mouth			
SW-16	Marys Creek - source to mouth			
SW-17	Bull Creek - source to mouth			
SW-18	Pole Creek - Idaho/Nevada border to mouth			
SW-19	Cat Creek - Idaho/Nevada border to mouth			
SW-20	Bruneau River - Idaho/Nevada border to Jarbridge River	COLD SS	PCR ~~SCR~~	DWS SRW
SW-21	Jarbridge River -Idaho/Nevada border to mouth	COLD SS	PCR ~~SCR~~	DWS SRW
SW-22	Cougar Creek - source to mouth			
SW-23	Dorsey Creek - Idaho/Nevada border to mouth			
SW-24	East Fork Jarbridge River - Idaho/Nevada border to mouth	COLD SS	PCR	
SW-25	Poison Creek - Idaho/Nevada border to mouth			
SW-26	Unnamed Tributary - source to mouth (T11S, R07E, Sec. 27)			
SW-27	Sheepshead Draw - source to mouth			
SW-28	Clover Creek (East Fork Bruneau River) - confluence of Big Flat, Three, and Deadwood Creeks to mouth	COLD SS	PCR ~~SCR~~	DWS SRW
SW-29	Juniper Draw - source to mouth			
SW-30	Big Flat Creek - Idaho/Nevada border to mouth			
SW-31	Three Creek - Idaho/Nevada border to mouth			
SW-32	Cherry Creek - Idaho/Nevada border to mouth			
SW-33	Deer Creek - Idaho/Nevada border to mouth			

Unit	Waters	Aquatic Life	Recreation	Other
SW-34	Deadwood Creek - Idaho/Nevada to mouth			
SW-35	Buck Flat Draw - source to mouth			

~~(7-1-93)~~( )

03. ~~Boise River - SWB-260~~. ~~That portion of the Boise River between Lucky Peak Dam and Diversion Dam is not protected for the use of salmonid spawning.~~ **Middle Snake-Succor Subbasin**. The Middle Snake-Succor Subbasin, HUC 17050103, is comprised of twenty-six (26) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
SW-1	Snake River - river mile 425 (T02N, R04W, Sec. 02) to Idaho/Oregon border	COLD	PCR	DWS
SW-2	Succor Creek - Idaho/Oregon border to mouth	COLD SS	PCR ~~SCR~~	
SW-3	Succor Creek - source to Idaho/Oregon border	COLD SS	PCR SCR	
SW-4	McBride Creek - source to Idaho/Oregon border			
SW-5	Jump Creek - source to mouth	COLD	PCR	
SW-6	Snake River - C.J. Strike Dam to river mile 425 (T02N, R04W, Sec. 02)	COLD	PCR ~~SCR~~	DWS SRW
SW-7	Squaw Creek - source to mouth			
SW-8	Hardtrigger Creek - source to mouth			
SW-9	Reynolds Creek - source to mouth	COLD SS	PCR ~~SCR~~	
SW-10	West Rabbit Creek - source to mouth			
SW-11	Rabbit Creek - source to mouth			
SW-12	Sinker Creek - source to mouth	COLD SS	PCR	
SW-13	Fossil Creek - source to mouth			
SW-14	Castle Creek - source to mouth	COLD SS	PCR	
SW-15	Catherine Creek - confluence of Hart and Picket Creeks to mouth			
SW-16	Pickett Creek - source to mouth			
SW-17	Bates Creek - source to mouth			
SW-18	Hart Creek - source to mouth			
SW-19	Brown Creek - source to mouth			
SW-20	South Fork Castle Creek - source to mouth			
SW-21	Birch Creek - source to mouth			
SW-22	McKeeth Wash - source to mouth			

Unit	Waters	Aquatic Life	Recreation	Other
SW-23	Vinson Wash - source to mouth			
SW-24	Shoofly Creek - source to mouth			
SW-25	Corder Creek - source to mouth			
SW-26	Rabbit Creek - source to mouth			

~~(7-1-93)~~( )

04. Upper Owyhee Subbasin. The Upper Owyhee Subbasin, HUC 17050104, is comprised of thirty-four (34) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
SW-1	Owyhee River - Juniper Creek to South Fork Owyhee River	COLD SS	PCR ~~SCR~~	DWS SRW
SW-2	Unnamed Tributaries and playas of YP Desert (T14S, R04W)			
SW-3	Piute Creek - source to mouth			
SW-4	Juniper Creek - Juniper Basin Reservoir Dam to mouth			
SW-5	Juniper Basin Reservoir			
SW-6	Owyhee River - Idaho/Nevada border to Juniper Creek	COLD SS	PCR ~~SCR~~	DWS SRW
SW-7	Blue Creek - Blue Creek Reservoir Dam to mouth			
SW-8	Boyle Creek Reservoir (Mt. View Lake)	COLD	PCR	
SW-9	Papoose/Mud Creek complex			
SW-10	Payne Creek - source to mouth			
SW-11	Squaw Creek - source to mouth			
SW-12	Little Blue Creek - source to mouth			
SW-13	Blue Creek - source to Blue Creek Reservoir Dam			
SW-14	Shoofly Creek - source to mouth			
SW-15	Harris Creek - source to mouth			
SW-16	Little Jarvis Lake			
SW-17	Rough Little Lake			
SW-18	Ross Lake			
SW-19	Juniper Lake			
SW-20	Henry Lake			
SW-21	Unnamed Tributary - source to mouth (T15S, R01W, Sec. 01)			
SW-22	Yatahoney Creek - source to mouth			
SW-23	Battle Creek - source to mouth			
SW-24	Dry Creek - source to mouth			

Unit	Waters	Aquatic Life	Recreation	Other
SW-25	Big Springs Creek - source to mouth			
SW-26	Deep Creek - source to mouth			
SW-27	Dickshooter Creek - source to mouth			
SW-28	Pole Creek - source to mouth			
SW-29	Camas Creek - source to mouth			
SW-30	Camel Creek - source to mouth			
SW-31	Nickel Creek - source to mouth			
SW-32	Castle Creek - source to mouth			
SW-33	Beaver Creek - source to mouth			
SW-34	Red Canyon Creek - source to mouth	COLD	PCR	

( )

05. South Fork Owyhee Subbasin. The South Fork Owyhee Subbasin, HUC 17050105, is comprised of five (5) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
SW-1	South Fork Owyhee River - Idaho/Nevada border to mouth	COLD SS	PCR ~~SCR~~	DWS SRW
SW-2	Spring Creek - source to mouth			
SW-3	Bull Camp Reservoir			
SW-4	Homer Wells Reservoir			
SW-5	Coyote Flat - source to mouth			

( )

06. East Little Owyhee Subbasin. The East Little Owyhee Subbasin, HUC 17050106, is comprised of two (2) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
SW-1	Little Owyhee River - Idaho/Nevada border to mouth	COLD SS	PCR ~~SCR~~	DWS SRW
SW-2	Tent Creek- Idaho/Oregon border to mouth			

( )

07. Middle Owyhee Subbasin. The Middle Owyhee Subbasin, HUC 17050107, is comprised of

fourteen (14) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
SW-1	Owyhee River - South Fork Owyhee River to Idaho/Oregon border	COLD SS	PCR ~~SCR~~	DWS SRW
SW-2	Oregon Lake Creek - source to Idaho/Oregon border			
SW-3	Field Creek - source to Idaho/Oregon border			
SW-4	Middle Fork Owyhee River - source to Idaho/Oregon border	COLD SS	PCR ~~SCR~~	DWS SRW
SW-5	Pole Creek - source to Idaho/Oregon border			
SW-6	Squaw Creek - source to Idaho/Oregon border			
SW-7	Cottonwood Creek - source to mouth			
SW-8	North Fork Owyhee River - source to Idaho/Oregon border	COLD SS	PCR ~~SCR~~	DWS SRW
SW-9	Pleasant Valley Creek - source to mouth			
SW-10	Noon Creek - source to mouth	COLD	PCR	
SW-11	Cabin Creek - source to mouth			
SW-12	Juniper Creek - source to mouth			
SW-13	Cherry Creek - source to Idaho/Oregon border			
SW-14	Soldier Creek - source to Idaho/Oregon border			

( )

08. Jordan Subbasin. The Jordan Subbasin, HUC 17050108, is comprised of twenty-three (23) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
SW-1	Jordan Creek - Williams Creek to Idaho/Oregon border	COLD SS	PCR ~~SCR~~	SRW
SW-2	Lone Tree Creek - source to mouth			
SW-3	Williams Creek - source to mouth	COLD	PCR	
SW-4	Jordan Creek - source to Williams Creek	COLD SS	PCR ~~SCR~~	SRW
SW-5	Big Boulder Creek - confluence of North and South Fork Boulder Creeks to mouth			
SW-6	South Fork Boulder Creek - source to mouth			
SW-7	North Fork Boulder Creek - source to mouth			
SW-8	Mammoth Creek - source to mouth			
SW-9	Combination Creek - source to mouth			
SW-10	Rock Creek -Triangle Reservoir Dam to mouth			

Unit	Waters	Aquatic Life	Recreation	Other
SW-11	Rose Creek - source to mouth			
SW-12	Josephine Creek - source to mouth			
SW-13	Rock Creek - source to and including Triangle Reservoir			
SW-14	Louisa Creek - source to Triangle Reservoir			
SW-15	Spring Creek - source to mouth			
SW-16	Deer Creek - source to mouth			
SW-17	Flint Creek - source to mouth			
SW-18	Louse Creek - source to mouth			
SW-19	Trout Creek - source to Idaho/Oregon border			
SW-20	Hooker Creek - source to Idaho/Oregon border			
SW-21	Cow Creek - source to Idaho/Oregon border			
SW-22	Soda Creek - source to mouth			
SW-23	Baxter Creek - source to Idaho/Oregon border			

( )

09. North And Middle Fork Boise Subbasin. The North and Middle Fork Boise Subbasin, HUC 17050111, is comprised of seventeen (17) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
SW-1	Middle Fork Boise River - source to mouth	COLD SS	PCR ~~SCR~~	DWS SRW
SW-2	East Fork Roaring River -source to mouth			
SW-3	Hot Creek - source to mouth			
SW-4	Yuba River - source to mouth			
SW-5	Decker Creek - source to mouth			
SW-6	Queens River - source to mouth			
SW-7	Little Queens River - source to mouth			
SW-8	Black Warrior Creek - source to mouth			
SW-9	Browns Creek - source to mouth	COLD SS	PCR	
SW-10	North Fork Boise River - source to mouth	COLD SS	PCR ~~SCR~~	DWS SRW
SW-11	Johnson Creek - source to mouth			
SW-12	Bear River - source to mouth			
SW-13	Big Owl/Little Owl Creeks - source to mouth	COLD SS	PCR	

Unit	Waters	Aquatic Life	Recreation	Other
SW-14	Crooked River - source to mouth	COLD SS	PCR	
SW-15	Rabbit Creek - source to mouth	COLD SS	PCR	
SW-16	Meadow Creek - source to mouth			
SW-17	French Creek - source to mouth			

( )

10. Boise-Mores Subbasin. The Boise-Mores Subbasin, HUC 17050112, is comprised of seventeen (17) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
SW-1	Lucky Peak Reservoir (Boise River)	COLD SS	PCR ~~SCR~~	DWS SRW
SW-2	Arrowrock Reservoir (Boise River)	COLD SS	PCR ~~SCR~~	DWS SRW
SW-3	Grouse Creek - source to Arrowrock Reservoir			
SW-4	Boise River - confluence of North and Middle Fork Boise Rivers to Arrowrock Reservoir	COLD SS	PCR ~~SCR~~	DWS SRW
SW-5	Sheep Creek - source to mouth			
SW-6	Brown Creek - source to mouth			
SW-7	Cottonwood Creek - source to Arrowrock Reservoir			
SW-8	Deer Creek - source to Lucky Peak Reservoir			
SW-9	Mores Creek - source to Lucky Peak Reservoir	COLD SS	PCR ~~SCR~~	DWS
SW-10	Smith Creek - source to mouth			
SW-11	Thorn Creek - source to mouth			
SW-12	Elk Creek - source to mouth			
SW-13	Grimes Creek - source to mouth			
SW-14	Granite Creek - source to mouth	COLD	PCR	
SW-15	Macks Creek - source to mouth	COLD SS	PCR	
SW-16	Daggett Creek - source to mouth			
SW-17	Robie Creek - source to Lucky Peak Reservoir	COLD SS	PCR	

( )

11. South Fork Boise Subbasin. The South Fork Boise Subbasin, HUC 17050113, is comprised of

thirty-three (33) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
SW-1	Arrowrock Reservoir (Boise River)	COLD SS	PCR ~~SCR~~	DWS SRW
SW-2	Willow Creek - source to Arrowrock Reservoir			
SW-3	Wood Creek - source to mouth	COLD SS	PCR	
SW-4	South Fork Boise River - Anderson Ranch Dam to Arrowrock Reservoir	COLD SS	PCR ~~SCR~~	DWS SRW
SW-5	Anderson Ranch Reservoir (Boise River)	COLD SS	PCR ~~SCR~~	DWS SRW
SW-6	Little Camas Creek - Little Camas Reservoir Dam to Anderson Ranch Reservoir			
SW-7	Little Camas Creek Reservoir			
SW-8	Little Camas Creek - source to Little Camas Creek Reservoir			
SW-9	Wood Creek - source to Anderson Ranch Reservoir			
SW-10	Lime Creek - source to Anderson Ranch Reservoir			
SW-11	South Fork Lime Creek - source to mouth			
SW-12	Deer Creek - source to Anderson Ranch Reservoir			
SW-13	South Fork Boise River - Willow Creek to Anderson Ranch Reservoir	COLD SS	PCR ~~SCR~~	DWS SRW
SW-14	Grouse Creek - source to mouth	COLD SS	PCR	
SW-15	South Fork Boise River - Little Smoky Creek to Willow Creek	COLD SS	PCR ~~SCR~~	DWS SRW
SW-16	Beaver Creek - source to mouth			
SW-17	Boardman Creek - source to mouth			
SW-18	Little Smoky Creek - source to mouth			
SW-19	Big Smoky Creek - source to mouth			
SW-20	Paradise Creek - source to mouth			
SW-21	South Fork Boise River - confluence of Ross Fork and Johnson Creeks to Little Smoky Creek	COLD SS	PCR ~~SCR~~	DWS SRW
SW-22	Johnson Creek - source to mouth			
SW-23	Ross Fork - source to mouth			
SW-24	Skeleton Creek - source to mouth			
SW-25	Willow Creek - source to mouth	COLD SS	PCR	

Unit	Waters	Aquatic Life	Recreation	Other
SW-26	Shake Creek - source to mouth	COLD SS	PCR	
SW-27	Feather Creek - source to mouth	COLD SS	PCR	
SW-28	Trinity Creek - source to mouth			
SW-29	Green Creek - source to mouth			
SW-30	Dog Creek - source to mouth			
SW-31	Fall Creek - source to Anderson Ranch Reservoir			
SW-32	Smith Creek - source to mouth	COLD SS	PCR	
SW-33	Rattlesnake Creek - source to Arrowrock Reservoir			

( )

12. Lower Boise Subbasin. The Lower Boise Subbasin, HUC 17050114, is comprised of seventeen (17) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
SW-1	Boise River- Indian Creek to mouth	COLD	PCR ~~SCR~~	
SW-2	Indian Creek - Sugar Ave. (T03N, R02W, Sec. 15) to mouth	COLD	SCR	
SW-3	Indian Creek - source to Sugar Ave.(T03N, R02W, Sec. 15)	COLD SS	PCR ~~SCR~~	
SW-4	Lake Lowell	WARM	PCR ~~SCR~~	SRW
SW-5	Boise River - river mile 50 (T04N, R02W, Sec. 32) to Indian Creek	COLD SS	PCR ~~SCR~~	
SW-6	Mason Creek - source to mouth			
SW-7	Fifteenmile Creek - Miller Canal to mouth			
SW-8	Tenmile Creek - Blacks Creek Reservoir Dam to Miller Canal	COLD	SCR	
SW-9	Blacks Creek - source to and including Blacks Creek Reservoir			
SW-10	Fivemile Creek - source to Miller Canal	COLD	SCR	
SW-11a	Boise River - Diversion Dam to river mile 50 (T04N, R02W, Sec. 32)	COLD SS	PCR ~~SCR~~	DWS SRW
SW-11b	Boise River - Lucky Peak Dam to Diversion Dam	COLD	PCR ~~SCR~~	DWS SRW
SW-12	Stewart Gulch, Cottonwood and Crane Creeks -source to mouth			
SW-13	Dry Creek - source to mouth			
SW-14	Big/Little Gulch Creek complex			

Unit	Waters	Aquatic Life	Recreation	Other
SW-15	Willow Creek - source to mouth			
SW-16	Langley/Graveyard Gulch complex			
SW-17	Sand Hollow Creek - source to mouth			

( )

13. Middle Snake-Payette Subbasin. The Middle Snake-Payette Subbasin, HUC 17050115, is comprised of five (5) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
SW-1	Snake River - Boise River to Weiser River	COLD	PCR ~~SCR~~	DWS
SW-2	Homestead Gulch - source to mouth			
SW-3	Ashlock Gulch - source to mouth			
SW-4	Hurd Gulch - source to mouth			
SW-5	Sand Hollow - source to mouth			

( )

14. South Fork Payette Subbasin. The South Fork Payette Subbasin, HUC 17050120, is comprised of twenty-one (21) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
SW-1	South Fork Payette River - Trail Creek to mouth	COLD SS	PCR ~~SCR~~	DWS SRW
SW-2	Rock Creek - source to mouth			
SW-3	Tenmile Creek - source to mouth			
SW-4	Wapiti Creek - source to mouth			
SW-5	South Fork Payette River - source to and including Trail Creek	COLD SS	PCR ~~SCR~~	DWS SRW
SW-6	Goat Creek - source to mouth			
SW-7	Baron Creek - source to mouth			
SW-8	Bear Creek - source to mouth			
SW-9	Canyon Creek - source to mouth			
SW-10	Warm Spring Creek - source to mouth			
SW-11	Eightmile Creek - source to mouth			
SW-12	Fivemile Creek - source to mouth			
SW-13	Clear Creek - source to mouth			

Unit	Waters	Aquatic Life	Recreation	Other
SW-14	Deadwood River - Deadwood Reservoir Dam to mouth	COLD SS	PCR ~~SCR~~	DWS SRW
SW-15	Whitehawk Creek - source to mouth			
SW-16	Warm Springs Creek - source to mouth			
SW-17	Wilson Creek - source to mouth			
SW-18	Deadwood Reservoir	COLD SS	PCR ~~SCR~~	DWS SRW
SW-19	Deadwood River - source to Deadwood Reservoir	COLD SS	PCR ~~SCR~~	DWS SRW
SW-20	Scott Creek - source to mouth			
SW-21	Big Pine Creek - source to mouth			

( )

15. Middle Fork Payette Subbasin. The Middle Fork Payette Subbasin, HUC 17050121, is comprised of ten (10) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
SW-1	Middle Fork Payette River - Big Bulldog Creek to mouth	COLD SS	PCR ~~SCR~~	DWS SRW
SW-2	Anderson Creek - source to mouth	COLD SS	PCR	
SW-3	Lightning Creek - source to mouth	COLD SS	PCR	
SW-4	Big Bulldog Creek - source to mouth	COLD SS	PCR	
SW-5	Middle Fork Payette River - source to Big Bulldog Creek	COLD SS	PCR ~~SCR~~	DWS SRW
SW-6	Rattlesnake Creek - source to mouth	COLD SS	PCR	
SW-7	Silver Creek - source to mouth	COLD SS	PCR	
SW-8	Peace Creek - source to mouth	COLD SS	PCR	
SW-9	Bull Creek - source to mouth	COLD SS	PCR	
SW-10	Scriver Creek - source to mouth	COLD SS	PCR	

( )

16. **Payette Subbasin**. The Payette Subbasin, HUC 17050122, is comprised of twenty-one (21) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
SW-1	Payette River - Black Canyon Reservoir Dam to mouth	COLD SS	PCR ~~SCR~~	DWS
SW-2	Black Canyon Reservoir	COLD SS	PCR ~~SCR~~	DWS SRW
SW-3	Payette River - confluence of the North Fork and South Fork Payette Rivers to Black Canyon Reservoir	COLD SS	PCR ~~SCR~~	DWS SRW
SW-4	Shafer Creek - source to mouth	COLD SS	PCR	
SW-5	Harris Creek - source to mouth	COLD SS	PCR	
SW-6	Porter Creek - source to mouth			
SW-7	Hill Creek - source to mouth			
SW-8	South Fork Payette River - Middle Fork Payette River to mouth	COLD SS	PCR ~~SCR~~	DWS SRW
SW-9	Deer Creek - source to mouth			
SW-10	Squaw Creek - source to mouth	COLD SS	PCR ~~SCR~~	
SW-11	Little Squaw Creek - source to mouth			
SW-12	Soldier Creek - source to mouth			
SW-13	Pine Creek - source to mouth			
SW-14	Second Fork Squaw Creek - source to mouth			
SW-15	Bissel Creek - source to mouth			
SW-16	Sand Hollow - source to mouth			
SW-17	Big Willow Creek - source to mouth	COLD SS	PCR	
SW-18	Little Willow Creek - Paddock Valley Reservoir Dam to mouth			
SW-19	Indian Creek - source to mouth			
SW-20	Paddock Valley Reservoir	WARM	PCR	
SW-21	Little Willow Creek - source to Paddock Valley Reservoir			

( )

17. **North Fork Payette Subbasin**. The North Fork Payette Subbasin, HUC 17050123, is comprised of twenty-two (22) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
SW-1	North Fork Payette River - Cascade Reservoir Dam to mouth	COLD SS	PCR ~~SCR~~	DWS SRW
SW-2	Round Valley Creek - source to mouth			
SW-3	Clear Creek - source to mouth			
SW-4	Big Creek - source to mouth			
SW-5	Horsethief Reservoir			
SW-6	Beaver Creek - source to mouth			
SW-7	Cascade Reservoir	COLD SS	PCR ~~SCR~~	DWS
SW-8	Gold Fork - source to Cascade Reservoir	COLD SS	PCR ~~SCR~~	DWS SRW
SW-9	Flat Creek - source to mouth			
SW-10	Kennally Creek - source to mouth			
SW-11	Boulder Creek - source to Cascade Reservoir			
SW-12	Lake Fork - Little Payette Lake to Cascade Reservoir	COLD SS	PCR ~~SCR~~	DWS SRW
SW-13	Little Payette Lake	COLD SS	PCR	
SW-14	Lake Fork - source to Little Payette Lake	COLD SS	PCR ~~SCR~~	DWS SRW
SW-15	Mud Creek - source to Cascade Reservoir			
SW-16	North Fork Payette River - Payette Lake to Cascade Reservoir	COLD SS	PCR ~~SCR~~	DWS
SW-17	Payette Lake	COLD SS	PCR ~~SCR~~	DWS SRW
SW-18	North Fork Payette River - Upper Payette Lake to Payette Lake	COLD SS	PCR ~~SCR~~	DWS SRW
SW-19	Upper Payette Lake	COLD SS	PCR ~~SCR~~	DWS SRW
SW-20	Twentymile Creek - source to mouth	COLD SS	PCR	
SW-21	North Fork Payette River - source to Upper Payette Lake	COLD SS	PCR ~~SCR~~	DWS SRW
SW-22	Fisher Creek - source to mouth			

( )

18. Weiser Subbasin. The Weiser Subbasin, HUC 17050124, is comprised of thirty-three (33) water

body units.

Unit	Waters	Aquatic Life	Recreation	Other
SW-1	Weiser River - Keithly Creek to mouth	COLD	PCR ~~SCR~~	DWS
SW-2	Cove Creek - source to mouth			
SW-3	Crane Creek - Crane Creek Reservoir Dam to mouth	COLD	PCR ~~SCR~~	
SW-4	Crane Creek Reservoir	COLD	PCR ~~SCR~~	
SW-5	South Fork Crane Creek - source to Crane Creek Reservoir			
SW-6	North Crane Creek - source to Crane Creek Reservoir			
SW-7	Weiser River - source to Keithly Creek	COLD	PCR ~~SCR~~	DWS SRW
SW-8	Little Weiser River - source to mouth	COLD SS	PCR ~~SCR~~	DWS
SW-9	Ben Ross Creek - source to mouth			
SW-10	Mill Creek - source to mouth			
SW-11	Anderson Creek - source to mouth			
SW-12	Grays Creek - source to mouth			
SW-13	Bacon Creek - source to mouth			
SW-14	Middle Fork Weiser River - source to mouth	COLD SS	PCR ~~SCR~~	DWS SRW
SW-15	Cottonwood Creek - source to mouth			
SW-16	East Fork Weiser River - source to mouth			
SW-17	West Fork Weiser River - source to mouth	COLD SS	PCR ~~SCR~~	DWS SRW
SW-18	Lost Creek - Lost Valley Reservoir Dam to mouth			
SW-19	Lost Valley Reservoir			
SW-20	Lost Creek - source to Lost Valley Reservoir			
SW-21	Hornet Creek - source to mouth			
SW-22	Johnson Creek - source to mouth	COLD SS	PCR	
SW-23	Goodrich Creek - source to mouth			
SW-24	Cow Creek - source to mouth			
SW-25	Rush Creek - source to mouth			
SW-26	Spring Creek - source to mouth			
SW-27	Pine Creek - source to mouth	COLD SS	PCR	

Unit	Waters	Aquatic Life	Recreation	Other
SW-28	Keithly Creek - source to mouth			
SW-29	Sage Creek - source to mouth			
SW-30	Mann Creek - Mann Creek Reservoir Dam to mouth	COLD SS	PCR ~~SCR~~	
SW-31	Mann Creek Reservoir	COLD SS	PCR ~~SCR~~	
SW-32	Mann Creek - source to Mann Creek Reservoir	COLD SS	PCR ~~SCR~~	
SW-33	Monroe Creek - source to mouth			

( )

19. Brownlee Reservoir Subbasin. The Brownlee Reservoir Subbasin, HUC 17050201, is comprised of seventeen (17) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
SW-1	Snake River (Hells Canyon Reservoir) - Oxbow Dam to Hells Canyon Dam	COLD SS	PCR ~~SCR~~	DWS SRW
SW-2	Snake River (Oxbow Reservoir) - Brownlee Dam to Oxbow Dam	COLD SS	PCR ~~SCR~~	DWS SRW
SW-3	Snake River (Brownlee Reservoir) - Scott Creek to Brownlee Dam	COLD SS	PCR ~~SCR~~	DWS SRW
SW-4	Snake River - Weiser River to Scott Creek	COLD	PCR ~~SCR~~	DWS
SW-5	Jenkins Creek - source to mouth	COLD	PCR	
SW-6	Scott Creek - source to mouth			
SW-7	Warm Springs Creek - source to mouth			
SW-8	Hog Creek - source to mouth			
SW-9	Grouse Creek - source to mouth			
SW-10	Rock Creek - source to mouth			
SW-11	Wolf Creek - source to mouth			
SW-12	Dennett Creek - source to mouth			
SW-13	Sturgill Creek - source to mouth			
SW-14	Brownlee Creek - source to mouth			
SW-15	Wildhorse River - confluence of Bear Creek and including Crooked River to mouth	COLD SS	PCR	
SW-16	Bear Creek - source to mouth	COLD SS	PCR	
SW-17	Indian Creek - source to mouth			

( )

141. -- 149. (RESERVED).

150. UPPER SNAKE BASIN.
~~The waters found within the Upper Snake hydrologic basin are designated for use~~ Surface waters found within the Upper Snake basin total twenty-three (23) subbasins and are designated as follows: ~~(7-1-93)~~( )

01. ~~Designated Uses Within Upper Snake Hydrologic Basin - Table E~~ Palisades Subbasin. The Palisades Subbasin, HUC 17040104, is comprised of thirty-one (31) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
US-1	Snake River - Black Canyon Creek to river mile 856 (T03N, R41E, Sec. 16)	COLD SS	PCR ~~SCR~~	DWS SRW
US-2	Antelope Creek - source to mouth			
US-3	Snake River - Fall Creek to Black Canyon Creek	COLD SS	PCR ~~SCR~~	DWS SRW
US-4	Pritchard Creek - source to mouth			
US-5	Fall Creek - South Fork Fall Creek to mouth			
US-6	Fall Creek - source to South Fork Fall Creek			
US-7	South Fork Fall Creek - source to mouth			
US-8	Snake River - Palisades Reservoir Dam to Fall Creek	COLD SS	PCR ~~SCR~~	DWS SRW
US-9	Indian Creek - source to mouth			
US-10	Palisades Reservoir	COLD SS	PCR ~~SCR~~	DWS SRW
US-11	Bear Creek - North Fork Bear Creek to Palisades Reservoir			
US-12	North Fork Bear Creek - source to mouth			
US-13	Bear Creek - source to North Fork Bear Creek			
US-14	McCoy Creek - Fish Creek to Palisades Reservoir			
US-15	McCoy Creek - Iowa Creek to Fish Creek			
US-16	McCoy Creek - Clear Creek to Iowa Creek			
US-17	Wolverine Creek - source to mouth			
US-18	Clear Creek - source to mouth			
US-19	McCoy Creek - source to Clear Creek			
US-20	Iowa Creek - source to mouth			
US-21	Fish Creek - source to mouth			
US-22	Trout Creek - source to mouth			
US-23	Burns Creek - source to Idaho/Wyoming border			
US-24	Indian Creek - Idaho/Wyoming border to Palisades Reservoir			
US-25	Big Elk Creek - Idaho/Wyoming border to Palisades Reservoir			

Unit	Waters	Aquatic Life	Recreation	Other
US-26	Little Elk Creek - source to Palisades Reservoir			
US-27	Palisades Creek - source to mouth			
US-28	Rainey Creek - source to mouth			
US-29	Pine Creek - source to mouth			
US-30	Black Canyon Creek - source to mouth			
US-31	Burnt Canyon Creek - source to mouth			

~~(3-23-98)~~( )

02. ~~**Upper Snake Hydrologic Basin - Map E**~~ **Salt Subbasin**. The Salt Subbasin, HUC 17040105, is comprised of twelve (12) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
US-1	Tributaries of Salt River - source to Idaho/Wyoming border (T04S, R46E)			
US-2	Jackknife Creek - source to Idaho/Wyoming border			
US-3	Tincup Creek - source to Idaho/Wyoming border			
US-4	South Fork Tincup Creek - source to mouth			
US-5	Tributaries of Salt River - source to Idaho/Wyoming border (T06S, R46E and T07S, R46E)			
US-6	Stump Creek - source to Idaho/Wyoming border			
US-7	Tygee Creek - source to mouth			
US-8	Crow Creek - source to Idaho/Wyoming border			
US-9	Sage Creek - source to mouth			
US-10	Deer Creek - source to mouth			
US-11	Rock Creek - source to mouth			
US-12	Spring Creek - source to mouth			

~~(7-1-93)~~( )

03. Idaho Falls Subbasin. The Idaho Falls Subbasin, HUC 17040201, is comprised of seventeen (17) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
US-1	Snake River - Dry Bed Creek to river mile 791 (T01N, R37E, Sec. 10)	COLD SS	PCR ~~SCR~~	DWS
US-2	South Fork Willow Creek - source to mouth			
US-3	North Fork Willow Creek - source to mouth			
US-4	Dry Bed Creek - source to mouth			

Unit	Waters	Aquatic Life	Recreation	Other
US-5	Sand Creek complex			
US-6	Crow Creek - Willow Creek to mouth			
US-7	Crow Creek - source to Willow Creek			
US-8	Birch Creek - source to mouth			
US-9	Snake River - Annis Slough to Dry Bed Creek	COLD SS	PCR ~~SCR~~	DWS
US-10	Spring Creek - canal (T05N, R38E) to mouth			
US-11	Spring Creek - source to canal (T05N, R38E)			
US-12	Snake River - Dry Bed to Annis Slough	COLD SS	PCR ~~SCR~~	DWS
US-13	Snake River - river mile 856 (T03N, R41E, Sec. 16) to Dry Bed Creek	COLD SS	PCR ~~SCR~~	DWS
US-14	Lyons Creek - source to mouth			
US-15	Unnamed Tributary - source to mouth (T8N, R38E)			
US-16	Market Lake			
US-17	Kettle Butte complex			

( )

04. Upper Henrys Subbasin. The Upper Henrys Subbasin, HUC 17040202, is comprised of fifty-five (55) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
US-1	Henrys Fork - Rock Creek to Ashton Reservoir	COLD SS	PCR ~~SCR~~	DWS SRW
US-2	Rock Creek - Porcupine Creek to mouth			
US-3	Porcupine Creek - source to mouth	COLD SS	SCR	
US-4	Rock Creek - Wyoming Creek to Porcupine Creek			
US-5	Wyoming Creek - Idaho/Wyoming border to mouth			
US-6	Rock Creek - source to Wyoming Creek			
US-7	Robinson Creek - Snow Creek to mouth			
US-8	Robinson Creek - source to Snow Creek			
US-9	Snow Creek - source to mouth			
US-10	Fish Creek - source to mouth			
US-11	North Fork Fish Creek - source to mouth			
US-12	Warm River - Moose Creek to mouth	COLD SS	PCR ~~SCR~~	DWS SRW

Unit	Waters	Aquatic Life	Recreation	Other
US-13	Moose Creek - source to mouth			
US-14	Warm River - Partridge Creek to Moose Creek	COLD SS	PCR ~~SCR~~	DWS SRW
US-15	Partridge Creek - source to mouth			
US-16	Warm River - source to Partridge Creek	COLD SS	PCR ~~SCR~~	DWS SRW
US-17	Henrys Fork - Silver Lake to Rock Creek	COLD SS	PCR ~~SCR~~	DWS SRW
US-18	Henrys Fork - Island Park Reservoir Dam to Silver Lake	COLD SS	PCR ~~SCR~~	DWS SRW
US-19	Buffalo River - Elk Creek to mouth	COLD SS	PCR ~~SCR~~	DWS SRW
US-20	Toms Creek - source to mouth			
US-21	Buffalo River - source to Elk Creek	COLD SS	PCR ~~SCR~~	DWS SRW
US-22	Elk Creek - source to mouth			
US-23	Island Park Reservoir	COLD SS	PCR ~~SCR~~	DWS SRW
US-24	Henrys Fork - Big Springs to Island Park Reservoir	COLD SS	PCR ~~SCR~~	DWS SRW
US-25	Moose Creek - source to mouth			
US-26	Thirsty Creek - Idaho/Motana border to mouth	COLD SS	SCR	
US-27	Henrys Lake Outlet - Henrys Lake to Big Springs	COLD SS	PCR ~~SCR~~	DWS SRW
US-28	Crooked Creek - source to mouth			
US-29	Meadows Creek - source to mouth			
US-30	Reas Pass Creek - source to mouth			
US-31	Jones Creek - source to mouth			
US-32	Jesse Creek - source to mouth			
US-33	Twin Creek - source to mouth			
US-34	Tygee Creek - source to mouth			
US-35	Henrys Lake	COLD	SCR	
US-36	Howard Creek - source to mouth	COLD SS	SCR	
US-37	Targhee Creek - source to mouth	COLD SS	SCR	
US-38	Timber Creek - source to mouth			

Unit	Waters	Aquatic Life	Recreation	Other
US-39	Duck Creek - source to mouth	COLD SS	SCR	
US-40	Rock Creek - source to mouth			
US-41	Hope Creek - source to mouth			
US-42	Hotel Creek - source to mouth	COLD SS	SCR	
US-43	Yale Creek - source to mouth	COLD SS	SCR	
US-44	Blue Creek - source to Island Park Reservoir			
US-45	Sheep Creek - source to Island Park Reservoir			
US-46	Icehouse Creek - source to Island Park Reservoir	COLD SS	SCR	
US-47	Willow Creek - Sheridan Creek to Island Park Reservoir			
US-48	Willow Creek - source to Sheridan Creek			
US-49	Myers Creek - source to mouth			
US-50	Sheridan Creek - Kilgore Road (T13N, R41E, Sec. 07) to mouth	COLD SS	SCR	
US-51	Sheridan Creek - source to Kilgore Road (T13N, R41E, Sec. 07)	COLD SS	SCR	
US-52	Sheridan Reservoir			
US-53	Dry Creek - source to Sheridan Reservoir			
US-54	Silver Lake			
US-55	Rattlesnake Creek - source to mouth			

( )

05. Lower Henrys Subbasin. The Lower Henrys Subbasin, HUC 17040203, is comprised of sixteen (16) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
US-1	Henrys Fork - Warm Slough to mouth	COLD SS	PCR ~~SCR~~	DWS SRW
US-2	Henrys Fork - Falls River to Warm Slough	COLD SS	PCR ~~SCR~~	DWS SRW
US-3	Falls River - Unnamed Tributary (T08N, R42E, Sec. 21) to mouth	COLD SS	PCR ~~SCR~~	DWS SRW
US-4	Unnamed Tributary - source to mouth (T08N, R42E, Sec. 21)			
US-5	Falls River - Conant Creek to Unnamed Tributary (T08N, R42E, Sec. 21)	COLD SS	PCR ~~SCR~~	DWS SRW

Unit	Waters	Aquatic Life	Recreation	Other
US-6	Conant Creek - Squirrel Creek to mouth			
US-7	Conant Creek - Idaho/Wyoming border to Squirrel Creek			
US-8	Squirrel Creek - Idaho/Wyoming border to mouth			
US-9	Falls River - Boone Creek to Conant Creek	COLD SS	PCR ~~SCR~~	DWS SRW
US-10	Boone Creek - Idaho/Wyoming border to mouth			
US-11	Falls River - Idaho/Wyoming border to Boone Creek; Boundary Creek - Idaho/Wyoming border to Idaho/Wyoming border, T12N, R46E			
US-12	Henrys Fork - Ashton Reservoir Dam to Falls River	COLD SS	PCR ~~SCR~~	DWS SRW
US-13	Sand Creek - Pine Creek to mouth			
US-14	Pine Creek - source to mouth			
US-15	Sand Creek - source to Pine Creek			
US-16	Warm Slough - source to mouth			

( )

06. Teton Subbasin. The Teton Subbasin, HUC 17040204, is comprised of forty-four (44) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
US-1	South Fork Teton River - Teton River to Henrys Fork	COLD SS	SCR	
US-2	North Fork Teton River - South Fork Teton River to Henrys Fork	COLD SS	SCR	
US-3	Teton River - Teton Dam to North and South Fork Teton Rivers	COLD SS	PCR ~~SCR~~	DWS SRW
US-4	Teton River - Canyon Creek to Teton Dam	COLD SS	PCR ~~SCR~~	DWS SRW
US-5	Moody Creek - Long Hollow Creek to mouth			
US-6	Moody Creek - confluence of North and South Fork Moody Creeks to Long Hollow Creek			
US-7	South Fork Moody Creek - source to mouth			
US-8	North Fork Moody Creek - source to mouth			
US-9	Long Hollow Creek - source to mouth			
US-10	Tributaries to Canyon Creek Canal - source to mouth			
US-11	Canyon Creek - Crooked Creek to mouth			
US-12	Canyon Creek - Warm Creek to Crooked Creek			

Unit	Waters	Aquatic Life	Recreation	Other
US-13	Canyon Creek - source to Warm Creek			
US-14	Calamity Creek - source to mouth			
US-15	Warm Creek - source to mouth			
US-16	Crooked Creek - source to mouth			
US-17	Teton River - Milk Creek to Canyon Creek	COLD SS	PCR ~~SCR~~	DWS SRW
US-18	Milk Creek - source to mouth			
US-19	Teton River - Badger Creek to Milk Creek	COLD SS	PCR ~~SCR~~	DWS SRW
US-20	Teton River - Spring Creek to Badger Creek	COLD SS	PCR SCR	DWS SRW
US-21	Teton River - Mahogany Creek to Spring Creek	COLD SS	PCR ~~SCR~~	DWS SRW
US-22	Packsaddle Creek - source to mouth			
US-23	Horseshoe Creek - source to mouth			
US-24	Mahogany Creek - source to mouth			
US-25	Teton River - Patterson Creek to Mahogany Creek	COLD SS	PCR ~~SCR~~	DWS SRW
US-26	Patterson Creek - source to mouth			
US-27	Teton River - source to Patterson Creek	COLD SS	PCR ~~SCR~~	DWS SRW
US-28	Trail Creek - Moose Creek to mouth			
US-29	Trail Creek - Idaho/Wyoming border to and including Moose Creek			
US-30	Fox Creek - Idaho/Wyoming border to mouth			
US-31	Darby Creek - Idaho/Wyoming border to mouth			
US-32	Teton Creek - Idaho/Wyoming border to mouth			
US-33	Dry Creek - source to mouth			
US-34	South Leigh Creek - Idaho/Wyoming border to mouth			
US-35	Spring Creek - North Leigh Creek to mouth			
US-36	North Leigh Creek - Idaho/Wyoming border to mouth			
US-37	Spring Creek - source to North Leigh Creek			
US-38	Badger Creek - confluence of North and South Fork Badger Creeks to mouth			
US-39	South Fork Badger Creek - source to mouth			
US-40	North Fork Badger Creek - source to mouth			
US-41	Bitch Creek - Swanner Creek to mouth			

Unit	Waters	Aquatic Life	Recreation	Other
US-42	Swanner Creek - source to mouth			
US-43	Horse Creek - source to mouth			
US-44	Bitch Creek - source to Horse Creek			

( )

07. Willow Subbasin. The Willow Subbasin, HUC 17040205, is comprised of thirty-two (32) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
US-1	Willow Creek - Ririe Reservoir Dam to Eagle Rock Canal	COLD SS	SCR	
US-2	Ririe Reservoir (Willow Creek)	COLD SS	PCR ~~SCR~~	DWS SRW
US-3	Blacktail Creek - source to Ririe Reservoir			
US-4	Willow Creek - Bulls Fork to Ririe Reservoir	COLD SS	PCR ~~SCR~~	DWS SRW
US-5	Willow Creek - Birch Creek to Bulls Fork	COLD SS	PCR ~~SCR~~	DWS SRW
US-6	Birch Creek - source to mouth			
US-7	Squaw Creek - source to mouth			
US-8	Willow Creek - Mud Creek to Birch Creek	COLD SS	PCR ~~SCR~~	DWS SRW
US-9	Mud Creek - source to mouth			
US-10	Sellars Creek - source to mouth			
US-11	Willow Creek - Crane Creek to Mud Creek	COLD SS	PCR ~~SCR~~	DWS SRW
US-12	Mill Creek - source to mouth			
US-13	Willow Creek - source to Crane Creek	COLD SS	PCR ~~SCR~~	DWS SRW
US-14	Crane Creek - source to mouth			
US-15	Long Valley Creek - source to mouth			
US-16	Grays Lake outlet - Hell Creek to mouth			
US-17	Grays Lake outlet - Homer Creek to Hell Creek			
US-18	Homer Creek - source to mouth			
US-19	Grays Lake outlet - Brockman Creek to Homer Creek			
US-20	Grays Lake outlet - Grays Lake to Brockman Creek			
US-21	Grays Lake			

Unit	Waters	Aquatic Life	Recreation	Other
US-22	Little Valley Creek - source to mouth			
US-23	Gravel Creek - source to mouth			
US-24	Brockman Creek - Corral Creek to mouth			
US-25	Brockman Creek - source to Corral Creek			
US-26	Corral Creek - source to mouth			
US-27	Sawmill Creek - source to mouth			
US-28	Lava Creek - source to mouth			
US-29	Hell Creek - source to mouth			
US-30	Bulls Fork - source to mouth			
US-31	Tex Creek - source to mouth			
US-32	Meadow Creek - source to Ririe Reservoir			

( )

08. American Falls Subbasin. The American Falls Subbasin, HUC 17040206, is comprised of twenty-six (26) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
US-1	American Falls Reservoir (Snake River)	COLD	PCR ~~SCR~~	DWS
US-2	Bannock Creek - source to American Falls Reservoir	COLD	SCR	
US-3	Starlight Creek - source to mouth			
US-4	Blind Spring - source to mouth			
US-5	Sunbeam Creek - source to mouth			
US-6	Moonshine Creek - source to mouth			
US-7	Sawmill Creek - source to mouth			
US-8	West Fork Bannock Creek - source to mouth			
US-9	Knox Creek - source to mouth			
US-10	Rattlesnake Creek - source to mouth			
US-11	Clifton Creek - source to mouth			
US-12	Midnight Creek - source to mouth			
US-13	Michaud Creek - source to mouth			
US-14	Ross Fork - Gibson Canal to American Falls Reservoir			
US-15	Ross Fork - Indian Creek to Gibson Canal			
US-16	Indian Creek - source to mouth			
US-17	South Fork Ross Fork - source to mouth			

Unit	Waters	Aquatic Life	Recreation	Other
US-18	Ross Fork - source to South Fork Ross Fork			
US-19	Clear Creek - source to American Falls Reservoir			
US-20	Spring Creek - source to American Falls Reservoir			
US-21	Big Jimmy Creek - source to American Falls Reservoir			
US-22	Snake River - river mile 791 (T01N, R37E, Sec. 10) to American Falls Reservoir	COLD SS	PCR ~~SCR~~	DWS
US-23	Jeff Cabin Creek - source to mouth			
US-24	McTucker Creek - source to American Falls Reservoir			
US-25	Little Hole Draw - source to American Falls Reservoir			
US-26	Pleasant Valley - source to American Falls Reservoir			

( )

09. Blackfoot Subbasin. The Blackfoot Subbasin, HUC 17040207, is comprised of thirty-one (31) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
US-1	Blackfoot River - Fort Hall Main Canal diversion to mouth		SCR	
US-2	Blackfoot River - Blackfoot Reservoir Dam to Fort Hall Main Canal diversion	COLD SS	PCR ~~SCR~~	
US-3	Garden Creek - source to mouth			
US-4	Wood Creek - source to mouth			
US-5	Grave Creek - source to mouth			
US-6	Corral Creek - source to mouth			
US-7	Grizzly Creek - source to mouth			
US-8	Thompson Creek - source to mouth			
US-9	Blackfoot Reservoir	COLD	PCR ~~SCR~~	
US-10	Blackfoot River - confluence of Lanes and Diamond Creeks to Blackfoot Reservoir	COLD SS	PCR ~~SCR~~	DWS SRW
US-11	Trail Creek - source to mouth			
US-12	Slug Creek - source to mouth			
US-13	Dry Valley Creek - source to mouth			
US-14	Maybe Creek - source to mouth			
US-15	Mill Canyon - source to mouth			
US-16	Diamond Creek - source to mouth			
US-17	Timothy Creek - source to mouth			

Unit	Waters	Aquatic Life	Recreation	Other
US-18	Bacon Creek - source to mouth			
US-19	Browns Canyon Creek - source to mouth			
US-20	Lanes Creek - source to mouth			
US-21	Chippy Creek - source to mouth			
US-22	Sheep Creek - source to mouth			
US-23	Angus Creek - source to mouth			
US-24	Wooley Valley - source to mouth			
US-25	Meadow Creek - source to Blackfoot Reservoir			
US-26	Brush Creek - source to mouth			
US-27	Rawlins Creek - source to mouth			
US-28	Miner Creek - source to mouth			
US-29	Cedar Creek - source to mouth			
US-30	Wolverine Creek - source to mouth			
US-31	Jones Creek - source to mouth			

( )

10. Portneuf Subbasin. The Portneuf Subbasin, HUC 17040208, is comprised of twenty-six (26) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
US-1	Portneuf River - Marsh Creek to American Falls Reservoir	COLD SS	SCR	
US-2	City Creek - source to mouth			
US-3	Gibson Jack Creek - source to mouth			
US-4	Mink Creek - source to mouth			
US-5	Indian Creek - source to mouth			
US-6	Marsh Creek - source to mouth	COLD	SCR	
US-7	Walker Creek - source to mouth			
US-8	Bell Marsh Creek - source to mouth			
US-9	Goodenough Creek - source to mouth			
US-10	Garden Creek - source to mouth			
US-11	Hawkins Creek - Hawkins Reservoir Dam to mouth			
US-12	Hawkins Reservoir			
US-13	Hawkins Creek - source to Hawkins Reservoir			
US-14	Cherry Creek - source to mouth			

Unit	Waters	Aquatic Life	Recreation	Other
US-15	Birch Creek - source to mouth			
US-16	Portneuf River - Chesterfield Reservoir Dam to Marsh Creek	COLD SS	PCR ~~SCR~~	DWS SRW
US-17	Dempsey Creek - source to mouth			
US-18	Twentyfourmile Creek - source to mouth			
US-19	Chesterfield Reservoir			
US-20	Portneuf River - source to Chesterfield Reservoir	COLD SS	PCR ~~SCR~~	DWS SRW
US-21	Toponce Creek - source to mouth			
US-22	Pebble Creek - source to mouth			
US-23	Rapid Creek - source to mouth			
US-24	Pocatello Creek - confluence of North and South Fork Pocatello Creeks to mouth			
US-25	South Fork Pocatello Creek - source to mouth			
US-26	North Fork Pocatello Creek - source to mouth			

( )

11. Lake Walcot Subbasin. The Lake Walcot Subbasin, HUC 17040209, is comprised of thirteen (13) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
US-1	Snake River - Heyburn/Burley Bridge (T10S, R23E, Sec.17) to Milner-Gooding Canal	WARM	PCR ~~SCR~~	
US-2	Snake River - Minidoka Dam to Heyburn/Burley Bridge (T10S, R23E, Sec.17)	COLD SS	PCR ~~SCR~~	
US-3	Marsh Creek - source to mouth			
US-4	Lake Walcott (Snake River)	COLD	PCR ~~SCR~~	DWS
US-5	Snake River - Raft River to Lake Walcott	COLD	PCR ~~SCR~~	DWS
US-6	Snake River - Rock Creek to Raft River	COLD	PCR ~~SCR~~	DWS
US-7	Fall Creek - source to mouth			
US-8	Rock Creek - confluence of South and East Fork Rock Creeks to mouth	COLD SS	PCR ~~SCR~~	
US-9	South Fork Rock Creek - source to mouth			
US-10	East Fork Rock Creek - source to mouth			

Unit	Waters	Aquatic Life	Recreation	Other
US-11	Snake River - American Falls Reservoir Dam to Rock Creek	COLD	PCR ~~SCR~~	DWS
US-12	Warm Creek - source to mouth			
US-13	Craters of the Moon complex			

( )

12. **Raft Subbasin**. The Raft Subbasin, HUC 17040210, is comprised of twenty-three (23) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
US-1	Raft River - Heglar Canyon Creek to mouth			
US-2	Raft River - Cassia Creek to Heglar Canyon Creek	COLD SS	PCR ~~SCR~~	
US-3	Cassia Creek - Conner Creek to mouth			
US-4	Conner Creek - source to mouth			
US-5	Cassia Creek - Clyde Creek to Conner Creek			
US-6	Clyde Creek - source to mouth			
US-7	Cassia Creek - source to Clyde Creek			
US-8	Raft River - Cottonwood Creek to Cassia Creek	COLD SS	PCR ~~SCR~~	
US-9	Cottonwood Creek - source to mouth			
US-10	Raft River - Unnamed Tributary (T15S, R26E, Sec. 24) to Cottonwood Creek	COLD SS	PCR ~~SCR~~	
US-11	Grape Creek - source to mouth			
US-12	Edwards Creek - source to mouth			
US-13	Raft River - Idaho/Utah border to Edwards Creek	COLD SS	PCR ~~SCR~~	
US-14	Junction Creek - source to Idaho/Utah border			
US-15	Cottonwood Creek - source to Idaho/Utah border			
US-16	Clear Creek - Idaho/Utah border to mouth			
US-17	Kelsaw Canyon Creek - source to mouth			
US-18	Meadow Creek - source to mouth			
US-19	Sublett Creek - Sublett Reservoir Dam to mouth			
US-20	Sublett Reservoir			
US-21	Sublett Creek - source to Sublett Reservoir			
US-22	Lake Fork - source to Sublett Reservoir			
US-23	Heglar Canyon Creek - source to mouth			

( )

13. **Goose Subbasin**. The Goose Subbasin, HUC 17040211, is comprised of fourteen (14) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
US-1	Big Cottonwood Creek - source to mouth			
US-2	Lower Goose Creek Reservoir	COLD SS	PCR ~~SCR~~	
US-3	Trapper Creek - from and including Squaw Creek to Lower Goose Creek Reservoir			
US-4	Trapper Creek - source to Squaw Creek			
US-5	Goose Creek - Beaverdam Creek to Lower Goose Creek Reservoir	COLD SS	PCR ~~SCR~~	
US-6	Beaverdam Creek - source to mouth			
US-7	Trout Creek - source to Idaho/Utah border			
US-8	Goose Creek - source to Idaho/Utah border	COLD SS	PCR ~~SCR~~	
US-9	Birch Creek - Idaho/Utah border to mouth			
US-10	Blue Hill Creek - source to mouth			
US-11	Cold Creek - source to mouth			
US-12	Birch Creek - source to mouth			
US-13	Mill Creek - source to mouth			
US-14	Land/Willow/Smith Creek complex			

( )

14. **Upper Snake-Rock Subbasin**. The Upper Snake-Rock Subbasin, HUC 17040212, is comprised of forty-one (41) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
US-1	Snake River - Lower Salmon Falls to Browns Creek	COLD SS	PCR ~~SCR~~	
US-2	Big Pilgrim Gulch - source to mouth			
US-3	Cassia Gulch - source to mouth			
US-4	Tuana Gulch - source to mouth			
US-5	Snake River - Box Canyon Creek to Lower Salmon Falls	COLD SS	PCR ~~SCR~~	
US-6	Riley Creek - source to mouth	COLD SS	PCR ~~SCR~~	DWS SRW

Unit	Waters	Aquatic Life	Recreation	Other
US-7	Snake River - Rock Creek to Box Canyon Creek	COLD SS	PCR ~~SCR~~	
US-8	Deep Creek - High Line Canal to mouth	COLD SS	SCR	
US-9	Deep Creek - source to High Line Canal	COLD SS	SCR	
US-10	Mud Creek - Deep Creek Road (T09S, R14E) to mouth	COLD SS	SCR	
US-11	Mud Creek - source to Deep Creek Road (T09S, R14E)			
US-12	Cedar Draw - source to mouth	COLD SS	SCR	
US-13	Rock Creek -river mile 25 (T11S, R18E, Sec. 36) to mouth	COLD SS	SCR	
US-14	Cottonwood Creek - source to mouth			
US-15	McMullen Creek - source to mouth			
US-16	Rock Creek - Fifth Fork Rock Creek to river mile 25 (T11S, R18E, Sec. 36)	COLD SS	PCR ~~SCR~~	DWS SRW
US-17	Fifth Fork Rock Creek - source to mouth			
US-18	Rock Creek - source to Fifth Fork Rock Creek	COLD SS	PCR ~~SCR~~	DWS SRW
US-19	Snake River - Box Canyon Creek to Rock Creek	COLD SS	PCR ~~SCR~~	
US-20	Snake River - Milner-Gooding Canal to Box Canyon Creek	COLD SS	PCR ~~SCR~~	
US-21	Murtaugh Lake			
US-22	Dry Creek - source to mouth	COLD SS	SCR	
US-23	West Fork Dry Creek - source to mouth			
US-24	East Fork Dry Creek - source to mouth			
US-25	Big Cottonwood Creek - source to mouth			
US-26	Wilson Lake Reservoir			
US-27	Box Canyon Creek - source to mouth			
US-28	Clear Lakes			
US-29	Banbury Springs			
US-30	Box Canyon Creek - source to mouth			
US-31	Thousand Springs			
US-32	Bickel Springs			

Unit	Waters	Aquatic Life	Recreation	Other
US-33	Billingsley Creek - source to mouth	COLD SS	PCR ~~SCR~~	DWS SRW
US-34	Clover Creek - Pioneer Reservoir Dam to mouth	COLD SS	PCR ~~SCR~~	
US-35	Pioneer Reservoir			
US-36	Clover Creek - source to Pioneer Reservoir	COLD SS	PCR ~~SCR~~	
US-37	Cottonwood Creek - source to mouth			
US-38	Catchall Creek - source to mouth			
US-39	Deer Creek - source to mouth			
US-40	Calf Creek - source to mouth			
US-41	Dry Creek - source to mouth			

( )

15. Salmon Falls Subbasin. The Salmon Falls Subbasin, HUC 17040213, is comprised of seventeen (17) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
US-1	Salmon Falls Creek - Devil Creek to mouth	COLD SS	PCR ~~SCR~~	
US-2	Devil Creek - source to mouth			
US-3	Salmon Falls Creek - Salmon Falls Creek Dam to Devil Creek	COLD SS	PCR ~~SCR~~	
US-4	Cedar Creek Reservoir			
US-5	House Creek - source to Cedar Creek Reservoir			
US-6	Cedar Creek - source to Cedar Creek Reservoir			
US-7	Salmon Falls Creek Reservoir	COLD SS	PCR ~~SCR~~	
US-8	China, Browns, Corral, Whiskey Slough, Player Creeks - source to Salmon Falls Creek Reservoir			
US-9	Salmon Falls Creek - Idaho/Nevada border to Salmon Falls Creek Reservoir	COLD SS	PCR ~~SCR~~	
US-10	North Fork Salmon Falls Creek - source to Idaho/Nevada border			
US-11	Shoshone Creek - Hot Creek to Idaho/Nevada border			
US-12	Hot Creek - Idaho/Nevada border to mouth			
US-13	Shoshone Creek - Cottonwood Creek to Hot Creek			
US-14	Big Creek - source to mouth			
US-15	Cottonwood Creek - source to mouth			

Unit	Waters	Aquatic Life	Recreation	Other
US-16	Shoshone Creek - source to Cottonwood Creek			

( )

16. Beaver-Camas Subbasin. The Beaver-Camas Subbasin, HUC 17040214, is comprised of twenty-six (26) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
US-1	Camas Creek - Beaver Creek to Mud Lake	COLD SS	PCR ~~SCR~~	
US-2	Camas Creek - Spring Creek to Beaver Creek	COLD SS	PCR ~~SCR~~	
US-3	Beaver Creek - canal (T09N, R36E) to mouth	COLD SS	PCR ~~SCR~~	DWS
US-4	Spring Creek - Dry Creek to mouth			
US-5	Dry Creek - source to mouth			
US-6	Ching Creek - source to mouth			
US-7	Camas Creek - confluence of West and East Camas Creeks to Spring Creek	COLD SS	PCR ~~SCR~~	
US-8	Crooked/Crab Creek - source to mouth			
US-9	Warm Creek - Cottonwood Creek to mouth and East Camas Creek - T13N, R39E, Sec. 20, 6400 ft. elevation to Camas Creek			
US-10	East Camas Creek - from and including Larkspur Creek to T13N, R39E, Sec. 20, 6400 ft. elevation			
US-11	East Camas Creek - source to Larkspur Creek			
US-12	West Camas Creek - Targhee National Forest Boundary (T13N, R38E) to Camas Creek			
US-13	West Camas Creek - source to Targhee National Forest Boundary (T13N, R38E)			
US-14	Beaver Creek - Dry Creek to canal (T09N, R36E)	COLD SS	PCR ~~SCR~~	DWS
US-15	Beaver Creek - Rattlesnake Creek to Dry Creek	COLD SS	PCR ~~SCR~~	DWS
US-16	Rattlesnake Creek - source to mouth			
US-17	Threemile Creek - source to mouth			
US-18	Beaver Creek - Miners Creek to Rattlesnake Creek	COLD SS	PCR ~~SCR~~	DWS
US-19	Miners Creek - source to mouth			
US-20	Beaver Creek - Idaho Creek to Miners Creek	COLD SS	PCR ~~SCR~~	DWS

Unit	Waters	Aquatic Life	Recreation	Other
US-21	Beaver Creek - source to Idaho Creek	COLD SS	PCR ~~SCR~~	DWS
US-22	Idaho Creek - source to mouth			
US-23	Pleasant Valley Creek - source to mouth			
US-24	Huntley Canyon Creek - source to mouth			
US-25	Dry Creek - source to mouth			
US-26	Cottonwood Creek complex			

( )

17. Medicine Lodge Subbasin. The Medicine Lodge Subbasin, HUC 17040215, is comprised of twenty-two (22) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
US-1	Mud Lake			
US-2	Medicine Lodge Creek - Indian Creek to playas	COLD SS	PCR ~~SCR~~	DWS SRW
US-3	Indian Creek - confluence of West and East Fork Indian Creeks to mouth			
US-4	East Fork Indian Creek - source to mouth			
US-5	West Fork Indian Creek - source to mouth	COLD SS	SCR	
US-6	Medicine Lodge Creek - Edie Creek to Indian Creek	COLD SS	PCR ~~SCR~~	DWS SRW
US-7	Middle Creek - Dry Creek to mouth			
US-8	Middle Creek - source to Dry Creek			
US-9	Dry Creek - source to mouth			
US-10	Edie Creek - source to mouth	COLD SS	SCR	
US-11	Medicine Lodge Creek - confluence of Warm and Fritz Creeks to Edie Creek	COLD SS	PCR ~~SCR~~	DWS SRW
US-12	Irving Creek - source to mouth	COLD SS	SCR	
US-13	Warm Creek - source to mouth	COLD SS	SCR	
US-14	Divide Creek - source to mouth			
US-15	Horse Creek - source to mouth			
US-16	Fritz Creek - source to mouth	COLD SS	SCR	

Unit	Waters	Aquatic Life	Recreation	Other
US-17	Webber Creek - source to mouth	COLD SS	SCR	
US-18	Deep Creek - source to mouth			
US-19	Blue Creek - source to mouth			
US-20	Warm Springs Creek - source to mouth			
US-21	Crooked Creek - source to mouth			
US-22	Chandler Canyon complex			

( )

18. Birch Subbasin. The Birch Subbasin, HUC 17040216, is comprised of sixteen (16) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
US-1	Birch Creek - Reno Ditch to playas	COLD SS	PCR ~~SCR~~	DWS SRW
US-2	Birch Creek - Pass Creek to Reno Ditch	COLD SS	PCR ~~SCR~~	DWS SRW
US-3	Birch Creek - Unnamed Tributary (T11N, R11W, Sec. 35) to Pass Creek	COLD SS	PCR ~~SCR~~	DWS SRW
US-4	Unnamed Tributary - source to mouth; includes Timber Canyon to Worthing Canyon Creeks (T11N, R11W, Sec. 35)			
US-5	Birch Creek - confluence of Mud and Scott Canyon Creeks to Unnamed Tributary (T11N, R11W, Sec. 35)	COLD SS	PCR ~~SCR~~	DWS SRW
US-6	Scott Canyon Creek - source to mouth			
US-7	Mud Creek - Willow Creek to Scott Canyon Creek	COLD SS	PCR ~~SCR~~	DWS SRW
US-8	Cedar Gulch and Irish Canyon - source to mouth			
US-9	Willow Creek - source to mouth			
US-10	Mud Creek - Unnamed Tributary (T12N, R11W, Sec. 29) to Willow Creek			
US-11	Mud Creek - source to Unnamed Tributary (T12N, R11W, Sec. 29)			
US-12	Unnamed Tributary - source to mouth (T12N, R11W, Sec. 29)			
US-13	Meadow Canyon Creek - source to mouth			
US-14	Rocky Canyon Creek - source to mouth			
US-15	Pass Creek - source to mouth			
US-16	Eightmile Canyon Creek - source to mouth			

( )

19. **Little Lost Subbasin**. The Little Lost Subbasin, HUC 17040217, is comprised of twenty-nine (29) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
US-1	Little Lost River - canal (T06N, R28E) to playas	COLD SS	PCR ~~SCR~~	
US-2	Little Lost River - Big Spring Creek to canal (T06N, R28E)	COLD SS	PCR ~~SCR~~	
US-3	Big Spring Creek - source to mouth			
US-4	North Creek - source to mouth			
US-5	Uncle Ike Creek - source to mouth			
US-6	Unnamed Tributaries - source to mouth (T08N, R28E)			
US-7	Little Lost River - Badger Creek to Big Spring Creek	COLD SS	PCR ~~SCR~~	
US-8	Badger Creek - source to mouth			
US-9	Little Lost River - Wet Creek to Badger Creek	COLD SS	PCR ~~SCR~~	
US-10	Little Lost River - confluence of Summit and Sawmill Creeks to Wet Creek	COLD SS	PCR ~~SCR~~	
US-11	Deep Creek - source to mouth			
US-12	Sawmill Creek - Warm Creek to mouth			
US-13	Warm Creek - source to mouth			
US-14	Sawmill Creek - confluence of Timber Creek and Main Fork to Warm Creek			
US-15	Squaw Creek - source to mouth			
US-16	Bear Creek - source to mouth			
US-17	Main Fork - source to mouth			
US-18	Timber Creek - source to mouth			
US-19	Summit Creek - source to mouth			
US-20	Dry Creek - Dry Creek Canal to mouth			
US-21	Dry Creek - source to Dry Creek Canal			
US-22	Wet Creek - Squaw Creek to mouth			
US-23	Squaw Creek - source to mouth			
US-24	Wet Creek - source to Squaw Creek			
US-25	Deer Creek - source to mouth			
US-26	Taylor Canyon Creek - source to mouth			
US-27	Cabin Fork Creek - source to mouth			
US-28	Hurst Creek - source to mouth			

Unit	Waters	Aquatic Life	Recreation	Other
US-29	Unnamed Tributary - source to mouth (T5N, R29E, Sec. 04 and 09)			

( )

20. Big Lost Subbasin. The Big Lost Subbasin, HUC 17040218, is comprised of sixty-one (61) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
US-1	Big Lost River Sinks (playas) and Dry Channel	COLD SS	PCR ~~SCR~~	DWS SRW
US-2	Big Lost River - Spring Creek to Big Lost River Sinks (playas)	COLD SS	PCR ~~SCR~~	DWS SRW
US-3	Spring Creek - Lower Pass Creek to Big Lost River			
US-4	Big Lost River - Antelope Creek to Spring Creek	COLD SS	PCR ~~SCR~~	DWS SRW
US-5	King, Lime Kiln, Ramshorn, and Anderson Canyon Creek - source to mouth			
US-6	Lower Pass Creek - source to mouth			
US-7	Big Lost River - Alder Creek to Antelope Creek	COLD SS	PCR ~~SCR~~	DWS SRW
US-8	Elbow, Jepson, Clark, Maddock, and Jaggles Canyon Creek - source to mouth			
US-9	Pass Creek - source to mouth			
US-10	Big Lost River - Beck and Evan Ditch to Alder Creek	COLD SS	PCR ~~SCR~~	DWS SRW
US-11	Big Lost River - McKay Reservoir Dam to Beck and Evan Ditch	COLD SS	PCR ~~SCR~~	DWS SRW
US-12	McKay Reservoir	COLD SS	PCR ~~SCR~~	DWS SRW
US-13	Big Lost River - Jones Creek to McKay Reservoir	COLD SS	PCR ~~SCR~~	DWS SRW
US-14	Jones Creek - source to mouth			
US-15	Big Lost River - Thousand Springs Creek to Jones Creek	COLD SS	PCR ~~SCR~~	DWS SRW
US-16	Thousand Springs Creek - source to mouth			
US-17	Lone Cedar Creek - source to mouth			
US-18	Cedar Creek - source to mouth			
US-19	Rock Creek - source to mouth			
US-20	Willow Creek - source to mouth			

Unit	Waters	Aquatic Life	Recreation	Other
US-21	Arentson Gulch and Unnamed Tributaries - source to mouth (T10N, R22E)			
US-22	Sage Creek - source to mouth			
US-23	Parsons Creek - T8N, R22E, Sec. 24, point of perennial flow north of road to Mackay Reservoir			
US-24	Big Lost River - Burnt Creek to Thousand Springs Creek	COLD SS	PCR ~~SCR~~	DWS SRW
US-25	Big Lost River - Summit Creek to and including Burnt Creek	COLD SS	PCR ~~SCR~~	DWS SRW
US-26	Bridge Creek - source to mouth			
US-27	North Fork Big Lost River - source to mouth			
US-28	Summit Creek - source to mouth			
US-29	Kane Creek - source to mouth			
US-30	Wildhorse Creek - Fall Creek to mouth			
US-31	Wildhorse Creek - source to Fall Creek			
US-32	Fall Creek - source to mouth			
US-33	East Fork Big Lost River - Cabin Creek to mouth			
US-34	Fox Creek - source to mouth			
US-35	Star Hope Creek - Lake Creek to mouth			
US-36	Star Hope Creek - source to Lake Creek			
US-37	Muldoon Canyon Creek - source to mouth			
US-38	Lake Creek - source to mouth			
US-39	East Fork Big Lost River - source to Cabin Creek			
US-40	Cabin Creek - source to mouth			
US-41	Corral Creek - source to mouth			
US-42	Boone Creek - source to mouth			
US-43	Warm Springs Creek - source to mouth			
US-44	Navarre Creek - source to mouth			
US-45	Alder Creek - source to mouth			
US-46	Antelope Creek - Spring Creek to mouth			
US-47	Antelope Creek - Dry Fork Creek to Spring Creek			
US-48	Spring Creek - source to mouth			
US-49	Cherry Creek - confluence of Left Fork Cherry and Lupine Creeks to mouth			
US-50	Lupine Creek - source to mouth			
US-51	Left Fork Cherry Creek - source to mouth			

Unit	Waters	Aquatic Life	Recreation	Other
US-52	Antelope Creek - Iron Bog Creek to Dry Fork Creek			
US-53	Bear Creek - source to mouth			
US-54	Iron Bog Creek - confluence of Left and Right Fork Iron Bog Creeks to mouth			
US-55	Right Fork Iron Bog Creek - source to mouth			
US-56	Left Fork Iron Bog Creek - source to mouth			
US-57	Antelope Creek - source to Iron Bog Creek			
US-58	Leadbelt Creek - source to mouth			
US-59	Dry Fork Creek - source to mouth			
US-60	South Fork Antelope Creek - Antelope Creek to mouth			
US-61	Hammond Spring Creek complex			

( )

21. Big Wood Subbasin. The Big Wood Subbasin, HUC 17040219, is comprised of thirty (30) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
US-1	Malad River - confluence of Black Canyon Creek and Big Wood River to mouth	COLD SS	PCR ~~SCR~~	
US-2	Big Wood River - Magic Reservoir Dam to mouth	COLD SS	PCR ~~SCR~~	
US-3	Magic Reservoir	COLD	PCR ~~SCR~~	
US-4	Big Wood River - Seamans Creek to Magic Reservoir	COLD SS	PCR ~~SCR~~	DWS SRW
US-5	Seamans Creek - Slaughterhouse Creek to mouth			
US-6	Seamans Creek - source to and including Slaughterhouse Creek			
US-7	Big Wood River - North Fork Big Wood River to Seamans Creek	COLD SS	PCR ~~SCR~~	DWS SRW
US-8	Quigley Creek - source to mouth			
US-9	Indian Creek - source to mouth			
US-10	East Fork Wood River - Hyndman Creek to mouth			
US-11	East Fork Wood River - source to Hyndman Creek			
US-12	Hyndman Creek - source Creek to mouth			
US-13	Trail Creek - Corral Creek to mouth			
US-14	Trail Creek - source to and including Corral Creek			
US-15	Lake Creek - source to mouth			

Unit	Waters	Aquatic Life	Recreation	Other
US-16	Eagle Creek - source to mouth			
US-17	North Fork Big Wood River - source to mouth			
US-18	Big Wood River - source to North Fork Big Wood River	COLD SS	PCR ~~SCR~~	DWS SRW
US-19	Boulder Creek - source to mouth			
US-20	Prairie Creek - source to mouth			
US-21	Baker Creek - source to mouth			
US-22	Fox Creek - source to mouth			
US-23	Warm Springs Creek - Thompson Creek to mouth			
US-24	Warm Springs Creek - source to and including Thompson Creek			
US-25	Greenhorn Creek - source to mouth			
US-26	Deer Creek - source to mouth			
US-27	Croy Creek - source to mouth			
US-28	Rock Creek - source to mouth			
US-29	Thorn Creek - source to mouth			
US-30	Black Canyon Creek - source to mouth			

( )

22. Camas Subbasin. The Camas Subbasin, HUC 17040220, is comprised of twenty-seven (27) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
US-1	Camas Creek - Elk Creek to Magic Reservoir	COLD SS	PCR ~~SCR~~	
US-2	Camp Creek - source to mouth			
US-3	Willow Creek - Beaver Creek to mouth			
US-4	Beaver Creek - source to mouth			
US-5	Willow Creek - source to Beaver Creek			
US-6	Elk Creek - source to mouth			
US-7	Camas Creek - Solider Creek to Elk Creek	COLD SS	PCR ~~SCR~~	
US-8	Deer Creek - Big Deer Creek to mouth			
US-9	Deer Creek - source to and including Big Deer Creek			
US-10	Powell Creek - source to mouth			
US-11	Soldier Creek - Wardrop Creek to mouth			
US-12	Soldier Creek - source to and including Wardrop Creek			

Unit	Waters	Aquatic Life	Recreation	Other
US-13	Camas Creek - Corral Creek to Soldier Creek	COLD SS	PCR ~~SCR~~	
US-14	Threemile Creek - source to mouth			
US-15	Corral Creek - confluence of East Fork and West Fork Corral Creeks to mouth			
US-16	East Fork Corral Creek - source to mouth			
US-17	West Fork Corral Creek - source to mouth			
US-18	Camas Creek - source to Corral Creek	COLD SS	PCR ~~SCR~~	
US-19	Chimney Creek - source to mouth			
US-20	Negro Creek - source to mouth			
US-21	Wildhorse Creek - source to mouth			
US-22	Malad River - source to mouth			
US-23	Mormon Reservoir			
US-24	Dairy Creek - source to Mormon Reservoir			
US-25	McKinney Creek - source to Mormon Reservoir			
US-26	Spring Creek Complex			
US-27	Kelly Reservoir			

( )

23. Little Wood Subbasin. The Little Wood Subbasin, HUC 17040221, is comprised of twenty-three (23) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
US-1	Little Wood River - Richfield (T04S, R19E, Sec. 25) to mouth	COLD	PCR ~~SCR~~	
US-2	Little Wood River - Carey Lake outlet to Richfield (T04S, R19E, Sec. 25)	COLD SS	PCR ~~SCR~~	
US-3	Little Wood River - West Canal (north) to West Canal (south)	COLD SS	PCR ~~SCR~~	
US-4	Carey Lake outlet			
US-5	Carey Lake			
US-6	Fish Creek - Fish Creek Reservoir Dam to mouth			
US-7	Fish Creek Reservoir			
US-8	Fish Creek - source to Fish Creek Reservoir			
US-9	West Fork Fish Creek - source to Fish Creek Reservoir			

Unit	Waters	Aquatic Life	Recreation	Other
US-10	Little Wood River - Little Wood River Reservoir Dam to Carey Lake Outlet	COLD SS	PCR ~~SCR~~	
US-11	Little Fish Creek - source to mouth			
US-12	Little Wood River Reservoir	COLD SS	PCR ~~SCR~~	
US-13	Little Wood River - Muldoon Creek to Little Wood River Reservoir	COLD SS	PCR ~~SCR~~	
US-14	Muldoon Creek -source to mouth			
US-15	South Fork Muldoon Creek - Friedman Creek to mouth			
US-16	South Fork Muldoon Creek - source to Friedman Creek			
US-17	Friedman Creek - Trail Creek to mouth			
US-18	Trail Creek - source to mouth			
US-19	Friedman Creek - source to Trail Creek			
US-20	Little Wood River - source to Muldoon Creek	COLD SS	PCR ~~SCR~~	
US-21	Baugh Creek - source to mouth			
US-22	Dry Creek - source to mouth			
US-23	Silver Creek - source to mouth	COLD SS	PCR ~~SCR~~	DWS SRW

( )

151. -- 159. (RESERVED).

160. BEAR RIVER BASIN.

~~The waters found within the Bear River hydrologic basin are designated for use~~ Surface waters found within the Bear River basin total six (6) subbasins and are designated as follows: ~~(7-1-93)~~( )

01. ~~Designated Uses Within Bear River Hydrologic Basin - Table F~~ Central Bear Subbasin. The Central Bear Subbasin, HUC 16010102, is comprised of eight (8) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
B-1	Bear River - Idaho/Wyoming border to railroad bridge (T14N, R45E, Sec. 21)	COLD SS	PCR ~~SCR~~	
B-2	Pegram Creek - source to mouth			
B-3	Thomas Fork - Idaho/Wyoming border to mouth	COLD SS	PCR ~~SCR~~	
B-4	Raymond Creek - Idaho/Wyoming border to mouth; and the Hollows - source to mouth			
B-5	Dry Creek - source to mouth	COLD SS	SCR	

Unit	Waters	Aquatic Life	Recreation	Other
B-6	Preuss Creek - source to mouth	COLD SS	SCR	
B-7	Salt Creek - source to Idaho/Wyoming border	COLD SS	SCR	
B-8	Sheep Creek - source to mouth			

~~(3-23-98)~~( )

02. ~~Bear River Hydrologic Basin - Map F~~ Bear Lake Subbasin. The Bear Lake Subbasin, HUC 16010201, is comprised of twenty-five (25) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
B-1	Alexander Reservoir (Bear River)	COLD SS	PCR ~~SCR~~	
B-2	Bear River -railroad bridge (T14N, R45E, Sec. 21) to Alexander Reservoir	COLD SS	PCR ~~SCR~~	
B-3	Bailey Creek - source to mouth	COLD SS	SCR	
B-4	Eightmile Creek - source to mouth	COLD SS	SCR	
B-5	Pearl Creek - source to mouth	COLD SS	SCR	
B-6	Stauffer Creek - source to mouth	COLD SS	SCR	
B-7	Skinner Creek - source to mouth	COLD SS	SCR	
B-8	Co-op Creek - source to mouth	COLD SS	SCR	
B-9	Ovid Creek - confluence of North and Mill Creek to mouth			
B-10	North Creek - source to mouth			
B-11	Mill Creek - source to mouth			
B-12	Bear Lake Outlet - Lifton Station to Bear River	COLD SS	PCR ~~SCR~~	DWS SRW
B-13	Paris Creek - source to mouth			
B-14	Bloomington Creek - source to mouth	COLD SS	PCR ~~SCR~~	DWS SRW
B-15	Spring Creek - source to mouth			
B-16	Little and St. Charles Creeks - source to Bear Lake			
B-17	Dry Canyon Creek - source to mouth			

Unit	Waters	Aquatic Life	Recreation	Other
B-18	Bear Lake	COLD SS	PCR ~~SCR~~	DWS SRW
B-19	Fish Haven Creek - source to Bear Lake			
B-20	Montpelier Creek - source to mouth			
B-21	Snowslide Creek - source to mouth			
B-22	Georgetown Creek - source to mouth	COLD SS	PCR ~~SCR~~	DWS SRW
B-23	Soda Creek - Soda Creek Reservoir Dam to Alexander Reservoir	NONE	SCR	
B-24	Soda Creek Reservoir	NONE	SCR	
B-25	Soda Creek - source to Soda Creek Reservoir	NONE	SCR	

~~(7-1-93)~~( )

03. Middle Bear Subbasin. The Middle Bear Subbasin, HUC 16010202, is comprised of twenty-one (21) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
B-1	Spring Creek - source to Idaho/Utah border			
B-2	Cub River - US Hwy 91 Bridge (T16S, R40E, Sec. 20) to Idaho/Utah border	COLD	SCR	
B-3	Cub River - from and including Sugar Creek to US Hwy 91 Bridge (T16S, R40E, Sec. 20)	COLD	PCR ~~SCR~~	
B-4	Cub River - source to Sugar Creek	COLD SS	PCR ~~SCR~~	DWS SRW
B-5	Worm Creek - source to Idaho/Utah border	COLD	SCR	
B-6	Bear River - Oneida Narrows Reservoir Dam to Idaho/Utah border	COLD SS	PCR ~~SCR~~	
B-7	Mink Creek - source to mouth	COLD SS	PCR ~~SCR~~	
B-8	Oneida Narrows Reservoir	COLD SS	PCR ~~SCR~~	
B-9	Bear River - Alexander Reservoir Dam to Oneida Narrows Reservoir	COLD SS	PCR ~~SCR~~	
B-10	Williams Creek - source to mouth			
B-11	Trout Creek - source to mouth			
B-12	Whiskey Creek - source to mouth			
B-13	Densmore Creek - source to mouth			
B-14	Cottonwood Creek - source to Oneida Narrows Reservoir			
B-15	Battle Creek - source to mouth	COLD	SCR	

Unit	Waters	Aquatic Life	Recreation	Other
B-16	Twin Lakes Reservoir			
B-17	Oxford Slough			
B-18	Swan Lake Creek Complex			
B-19	Fivemile Creek - source to mouth			
B-20	Weston Creek - source to mouth			
B-21	Jenkins Hollow - source to Idaho/Utah border			

( )

04. Little Bear-Logan Subbasin. The Little Bear-Logan Subbasin, HUC 16010203, is comprised of two (2) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
B-1	Beaver Creek - source to Idaho/Utah border			
B-2	Logan River - source to Idaho/Utah border			

( )

05. Lower Bear-Malad Subbasin. The Lower Bear-Malad Subbasin, HUC 16010204, is comprised of thirteen (13) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
B-1	Malad River - Little Malad River to Idaho/Utah border	COLD	SCR	
B-2	Devil Creek - Devil Creek Reservoir Dam to mouth			
B-3	Devil Creek Reservoir			
B-4	Devil Creek - source to Devil Creek Reservoir			
B-5	Deep Creek - Deep Creek Reservoir Dam to mouth			
B-6	Deep Creek Reservoir			
B-7	Deep Creek - source to Deep Creek Reservoir			
B-8	Little Malad River - Daniels Reservoir Dam to mouth	COLD	PCR ~~SCR~~	
B-9	Daniels Reservoir			
B-10	Wright Creek - source to Daniels Reservoir	COLD SS	PCR ~~SCR~~	
B-11	Dairy Creek - source to mouth			
B-12	Malad River - source to Little Malad River	COLD	PCR ~~SCR~~	DWS
B-13	Samaria Creek - source to mouth			

( )

06. **Curlew Valley Subbasin**. The Curlew Valley Subbasin, HUC 16020309, is comprised of three (3) water body units.

Unit	Waters	Aquatic Life	Recreation	Other
B-1	Deep Creek - Rock Creek to Idaho/Utah border	COLD	PCR ~~SCR~~	DWS
B-2	Deep Creek - source to Rock Creek	COLD	PCR ~~SCR~~	DWS
B-3	Rock Creek - source to mouth			

( )

161. -- 199. (RESERVED).

200. GENERAL SURFACE WATER QUALITY CRITERIA.
The following general water quality criteria apply to all surface waters of the state, in addition to the water quality criteria set forth for specifically ~~classified~~ designated waters. ~~(7-1-93)~~( )

01. No Change To This Subsection.

02. No Change To This Subsection.

03. No Change To This Subsection.

04. No Change To This Subsection.

05. No Change To This Subsection.

06. No Change To This Subsection.

07. No Change To This Subsection.

08. Sediment. Sediment shall not exceed quantities specified in Sections 250 and 252, or, in the absence of specific sediment criteria, quantities which impair designated beneficial uses. Determinations of impairment shall be based on water quality monitoring and surveillance and the information utilized as described in S~~ubs~~ection 350~~.02.b~~. ~~(8-24-94)~~( )

201. -- 2~~4~~09. (RESERVED).

210. NUMERIC CRITERIA FOR TOXIC SUBSTANCES FOR WATERS DESIGNATED FOR AQUATIC LIFE, RECREATION, OR DOMESTIC WATER SUPPLY USE.

01. Incorporation Of National Toxic Rule. Toxic substance criteria set forth in 40 CFR 131.36 (b)(1) (National Toxics Rule), as of July 1, 1993, is hereby incorporated by reference in the manner provided in Subsection 210.02, however, the standard for arsenic shall be fifty (50) ug/l: ( )

a. Columns B1, B2, and D2 are incorporated by reference for waters designated for aquatic life use. ( )

b. Column D2 is incorporated by reference for waters designated for recreation use. ( )

c. Column D1 is incorporated by reference for waters designated for domestic water supply use.

( )

02. Exception To Incorporation Of National Toxic Rule. 40 CFR 131.36, as of July 1, 1993, and all subparts and notes are hereby incorporated by reference, except as noted in or amended by Subsections 210.02.a. through 210.02.e. ( )

a. The reference to "paragraph (d) of" in 40 CFR 131.36(c)(2)(iii) shall be deleted. ( )

b. The second sentence of 40 CFR 131.36(b)(1), footnote C shall be deleted. ( )

c. 40 CFR 131.36(c)(1) shall be deleted and replaced with the following: "The criteria in paragraph (b) of this section apply to surface waters of the state as provided in Idaho IDAPA 16.01.02, "Water Quality Standards and Wastewater Treatment Requirements," Sections 250, through 252. ( )

d. The first sentence of 40 CFR 131.36(c)(4)(iii) shall be deleted and replaced with the following: "The criteria for metals (compounds #1-9 and 11-13 in paragraph (b) of this section) are expressed as dissolved concentrations with the following conversion factors: Arsenic(III) 1.000; Cadmium 1.136672-(ln hardness x 0.041838 for CMC and 1.101672-(ln hardness x 0.041838) for CCC; Chromium(III) 0.316 for CMC and 0.860 for CCC; Chromium(VI) 0.982 for CMC and 0.962 for CCC; Copper 0.960; Lead 1.46203-(ln hardness x 0.145712); Mercury .85 for CMC only; Nickel 0.998 for CMC and 0.997 for CCC; Silver .85 for CMC only; Zinc 0.978 for CMC and 0.986 for CCC. Compound #10 (Selenium) is expressed as total recoverable concentrations. Compound #14 (Cyanide) is expressed as Weak Acid Dissociable (WAD) concentrations." ( )

e. 40 CFR 131.36(d) shall not be incorporated by reference. ( )

03. National Pollutant Discharge Elimination System Permitting. For the purposes of NPDES permitting, interpretation and implementation of metals criteria listed in Subsection 210.02 should be governed by the following standards, that are hereby incorporated by reference, in addition to the provisions of 40 CFR 131.36; provided, however, any identified conversion factors within these documents are not incorporated by reference. Metals criteria conversion factors are identified in Subsection 210.02.d of this rule. ( )

a. "Guidance Document on Dissolved Criteria -- Expression of Aquatic Life Criteria," EPA, October 1993. ( )

b. "Guidance Document on Dynamic Modeling and Translators," EPA, August 1993. ( )

c. "Guidance Document on Clean Analytical Techniques and Monitoring," EPA, October 1993. ( )

d. "Interim Guidance on Determination and Use of Water-Effect Ratios for Metals," EPA, February 1994. ( )

04. Development of Toxic Substance Criteria. ( )

a. Aquatic Life Communities Criteria. Numeric criteria for the protection of aquatic life uses not identified in these rules for toxic substances, may be derived by the Department from the following information: ( )

i. Site-specific criteria developed pursuant to Section 275; ( )

ii. Effluent biomonitoring, toxicity testing and whole-effluent toxicity determinations; ( )

iii. The most recent recommended criteria defined in EPA's Aquatic Toxicity Information Retrieval (ACQUIRE) database. When using EPA recommended criteria to derive water quality criteria to protect aquatic life uses, the lowest observed effect concentrations (LOECs) shall be considered; or ( )

iv. Scientific studies including, but not limited to, instream benthic assessment or rapid bioassessment.

( )

b. Human Health Criteria. ( )

i. When numeric criteria for the protection of human health are not identified in these rules for toxic substances, quantifiable criteria may be derived by the Department from the most recent recommended criteria defined in EPA's Integrated Risk Information System (IRIS). When using EPA recommended criteria to derive water quality criteria to protect human health, a fish consumption rate of six point five (6.5) grams/day, a water ingestion rate of two (2) liters/day and a cancer risk level of 10^{-6} shall be utilized. ( )

211. -- 249. (RESERVED).

250. SURFACE WATER QUALITY CRITERIA FOR ~~USE CLASSIFICATIONS~~ AQUATIC LIFE USE DESIGNATIONS.

~~The following water quality criteria apply to surface waters of the state according to the designated beneficial uses on a water body.~~ ~~(8-24-94)~~

~~**01. Recreation.**~~ ~~(7-1-93)~~

~~a. Primary contact recreation: between May 1 and September 30 of each calendar year, waters designated for primary contact recreation are not to contain fecal coliform bacteria significant to the public health in concentrations exceeding:~~ ~~(7-1-93)~~

~~i. 500/100 ml. at any time; and~~ ~~(7-1-93)~~

~~ii. 200/100 ml. in more than ten percent (10%) of the total samples taken over a thirty (30) day period; and~~ ~~(7-1-93)~~

~~iii. A geometric mean of 50/100 ml. based on a minimum of five (5) samples taken over a thirty (30) day period.~~ ~~(7-1-93)~~

~~b. Secondary contact recreation: waters designated for secondary contact recreation are not to contain fecal coliform bacteria significant to the public health in concentrations exceeding:~~ ~~(7-1-93)~~

~~i. 800/100 ml. at any time; and~~ ~~(7-1-93)~~

~~ii. 400/100 ml. in more than ten percent (10%) of the total samples taken over a thirty (30) day period; and~~ ~~(7-1-93)~~

~~iii. A geometric mean of 200/100 ml. based on a minimum of five (5) samples taken over a thirty (30) day period.~~ ~~(7-1-93)~~

~~c. Primary and Secondary Contact Recreation: All toxic substance criteria set forth in 40 CFR 131.36(b)(1), Column D2, revised as of December 22, 1992, effective February 5, 1993 (57 FR 60848, December 22, 1992). 40 CFR 131.36(b)(1) is hereby incorporated by reference in the manner provided in Subsection 250.07; provided, however the standard for arsenic shall be fifty (50) ug/l for Column D2.~~ ~~(3-19-99)~~

~~**02. Aquatic Life.**~~ ~~(7-1-93)~~

~~a~~**01. General Criteria**. The following criteria apply to all aquatic life use ~~classifications~~ designations: ~~(8-24-94)~~( )

~~i~~a. Hydrogen Ion Concentration (pH) values within the range of six point five (6.5) to nine point five (9.5); (7-1-93)

~~ii~~b. The total concentration of dissolved gas not exceeding one hundred and ten percent (110%) of saturation at atmospheric pressure at the point of sample collection; (7-1-93)

~~iii~~c. Total chlorine residual. (8-24-94)

~~(1)~~i. One (1) hour average concentration not to exceed nineteen (19) ug/l. (8-24-94)

~~(2)~~ii. Four (4) day average concentration not to exceed eleven (11) ug/l. (8-24-94)

~~iv. All toxic substance criteria set forth in 40 CFR 131.36(b)(1), Columns B1, B2 and D2, revised as of December 22, 1992, effective February 5, 1993 (57 FR 60848, December 22, 1992) provided, however, the standard for arsenic shall be fifty (50) ug/L for Column D2. 40 CFR 131.36(b)(1) is hereby incorporated by reference in the manner provided in subsection 250.07.~~ ~~(12-1-97)T~~

~~TABLE I. WARM WATER BIOTA: ONE-HOUR AVERAGE CRITERIA FOR UN-IONIZED (TOP) AND TOTAL (BOTTOM) AMMONIA (mg/1 as N) AT SELECTED WATER TEMPERATURES AND PH VALUES.~~

~~WATER TEMP.~~	**~~pH~~**						
~~(DEGREES C)~~	**~~6.50~~**	**~~6.60~~**	**~~6.80~~**	**~~7.00~~**	**~~7.20~~**	**~~7.40~~**	**~~7.60~~**
~~0.00~~	~~0.01~~	~~0.01~~	~~0.01~~	~~0.02~~	~~0.03~~	~~0.03~~	~~0.04~~
	~~28.92~~	~~28.07~~	~~26.01~~	~~23.27~~	~~19.94~~	~~16.31~~	~~12.62~~
~~2.00~~	~~0.01~~	~~0.01~~	~~0.02~~	~~0.02~~	~~0.03~~	~~0.04~~	~~0.05~~
	~~28.05~~	~~27.26~~	~~25.26~~	~~22.59~~	~~19.35~~	~~15.82~~	~~12.25~~
~~4.00~~	~~0.01~~	~~0.01~~	~~0.02~~	~~0.03~~	~~0.03~~	~~0.04~~	~~0.05~~
	~~27.34~~	~~26.52~~	~~24.57~~	~~22.03~~	~~18.92~~	~~15.40~~	~~11.94~~
~~6.00~~	~~0.0~~	~~0.01~~	~~0.02~~	~~0.03~~	~~0.04~~	~~0.05~~	~~0.06~~
	~~26.63~~	~~25.93~~	~~23.99~~	~~21.55~~	~~18.47~~	~~15.07~~	~~11.67~~
~~8.00~~	~~0.01~~	~~0.02~~	~~0.02~~	~~0.03~~	~~0.05~~	~~0.06~~	~~0.07~~
	~~26.08~~	~~25.35~~	~~23.55~~	~~21.01~~	~~18.01~~	~~14.74~~	~~11.44~~
~~10.00~~	~~0.02~~	~~0.02~~	~~0.03~~	~~0.04~~	~~0.05~~	~~0.07~~	~~0.08~~
	~~25.57~~	~~24.87~~	~~23.11~~	~~20.62~~	~~17.72~~	~~14.45~~	~~11.22~~
~~12.00~~	~~0.02~~	~~0.02~~	~~0.03~~	~~0.04~~	~~0.06~~	~~0.08~~	~~0.09~~
	~~25.13~~	~~24.43~~	~~22.66~~	~~20.29~~	~~17.39~~	~~14.21~~	~~11.04~~
~~14.00~~	~~0.02~~	~~0.02~~	~~0.04~~	~~0.05~~	~~0.07~~	~~0.09~~	~~0.11~~
	~~24.76~~	~~24.05~~	~~22.28~~	~~19.98~~	~~17.13~~	~~14.03~~	~~10.89~~
~~16.00~~	~~0. 02~~	~~0.03~~	~~0.04~~	~~0.06~~	~~0.08~~	~~0.10~~	~~0.12~~
	~~24.43~~	~~23.84~~	~~22.00~~	~~19.75~~	~~16.92~~	~~13.85~~	~~'10.78~~
~~18.00~~	~~0.03~~	~~0.03~~	~~0.05~~	~~0.07~~	~~0.09~~	~~0.12~~	~~0.14~~
	~~24.23~~	~~23.55~~	~~21.76~~	~~19.49~~	~~16.77~~	~~13.70~~	~~10.63~~
~~20.00~~	~~0.03~~	~~0.04~~	~~0.05~~	~~0.08~~	~~0.10~~	~~0.13~~	~~0.16~~
	~~24.04~~	~~23.27~~	~~21.58~~	~~19.32~~	~~16.61~~	~~13.60~~	~~10.56~~

WATER TEMP.	pH						
(DEGREES C)	6.50	6.60	6.80	7.00	7.20	7.40	7.60
22.00	0.03	0.04	0.06	0.09	0.12	0.15	0.19
	23.79	23.07	21.44	19.23	16.51	13.53	0.51
24.00	0.04	0.05	0.07	0.10	0.14	0.18	0.22
	23.72	22.97	21.36	19.14	16.45	3.52	0.49
26.00	0.04	0.05	0.08	0.11	0.15	0.19	0.24
	22.24	21.70	20.07	18.01	15.50	2.71	9.93
28.00	0.04	0.05	0.08	0.11	0.15	0.19	0.24
	19.43	18.83	17.48	15.68	13.50	1.10	8.65
30.00	0.04	0.05	0.08	0.11	0.15	0.19	0.24
	16.90	16.41	15.23	13.68	11.79	9.70	7.57

-

WATER TEMP.	pH						
DEGREES C	7.80	8.00	8.20	8.40	8.60	8.80	9.00
0.00	0.05	0.05	0.05	0.05	0.05	0.05	0.05
-	9.30	6.59	4.19	2.66	1.69	1.09	0.71
2.00	0.06	0.06	0.06	0.06	0.061	0.06	0.06
	9.04	6.41	4.05	2.58	1.65	1.07	0.70
4.00	0.06	0.07	0.07	0.07	0.07	0.07	0.07
	8.82	6.25	3.98	2.53	1.62	1.05	0.69
6.00	0.07	0.08	0.08	0.08	0.08	0.08	0.08
	8.82	6.10	3.89	2.48	1.60	1.04	0.69
8.00	0.08	0.09	0.09	0.09	0.09	0.09	0.09
	8.44	5.98	3.82	2.44	1.57	1.03	0.69
10.00	0.10	0.11	0.11	0.11	0.11	0.11	0.11
	8.31	5.89	3.75	2.41	1.56	1.03	0.69
12.00	0.11	0.12	0.12	0.12	0.12	0.12	0.12
	8.13	5.81	3.70	2.38	1.55	1.02	0.69
14.00	0.13	0.14	0.14	0.14	0.14	0.14	0.14
	8.04	5.73	3.67	2.37	1.55	1.03	0.70
16.00	0.15	0.16	0.16	0.16	0.16	0.16	0.16
	7.97	5.68	3.65	2.36	1.55	1.04	0.72

WATER TEMP.	pH						
DEGREES C	7.80	8.00	8.20	8.40	8.60	8.80	9.00
18.00	0.17	0.19	0.19	0.19	0.19	0.19	0.19
	7.90	5.66	3.64	2.36	1.56	1.05	0.73
20.00	0.19	0.22	0.22	0.22	0.22	0.22	0.22
	7.88	5.63	3.63	2.37	1.57	1.08	0.76
22.00	0.22	0.25	0.25	0.25	0.25	0.25	0.25
	7.83	5.62	3.64	2.40	1.59	1.10	0.78
24.00	0.25	0.28	0.28	0.28	0.28	0.28	0.28
	7.82	5.63	3.66	2.42	1.63	1.13	0.82
26.00	0.27	0.31	0.31	0.31	0.31	0.31	0.31
	7.40	5.34	3.48	2.31	1.57	1.10	0.81
28.00	0.27	0.31	0.31	0.31	0.31	0.31	0.31
	6.48	4.68	3.07	2.05	1.41	1.00	0.75
30.00	0.27	0.31	0.31	0.31	0.31	0.31	0.31
	5.67	4.12	2.72	1.83	1.26	0.91	0.69

TABLE II--WARM WATER BIOTA: FOUR-DAY AVERAGE CRITERIA FOR UN-IONIZED (TOP) AND TOTAL (BOTTOM) AMMONIA (mg/1 as N) AT SELECTED WATER TEMPERATURES AND PH VALUES.

WATER TEMP.	pH			
DEGREES C	6.5	6.6	6.8	7.0
0	0.0007	0.0008	0.0013	0.0021
	2.5	2.5	2.5	2.5
2	0.0008	0.0009	0.0015	0.0024
	2.5	2.5	2.5	2.5
4	0.0009	0.0011	0.0017	0.0027
	2.4	2.4	2.4	2.4
6	0.0010	0.0012	0.0020	0.0031
	2.3	2.3	2.3	2.3
8	0.0011	0.0014	0.0023	0.0036
	2.3	2.3	2.3	2.3
10	0.0013	0.0016	0.0026	0.0041
	2.3	2.3	2.3	2.3
12	0.0015	0.0019	0.0030	0.0047

WATER TEMP.	pH			
DEGREES C	6.5	6.6	6.8	7.0
	2.2	2.2	2.2	2.2
14	0.0017	0.0022	0.0034	0.0054
	2.2	2.2	2.2	2.2
16	0.0020	0.0025	0.0039	0.0062
	2.1	2.1	2.2	2.2
18	0.0023	0.0029	0.0045	0.0072
	2.1	2.1	2.1	2.1
20	0.0026	0.0033	0.0052	0.0082
	2.1	2.1	2.1	2.1
22	0.0026	0.0033	0.0052	0.0082
	1.8	1.8	1.8	1.8
24	0.0026	0.0033	0.0052	0.0082
	1.6	1.6	1.6	1.6
26	0.0026	0.0033	0.0052	0.0082
	1.37	1.37	1.37	1.38
28	0.0026	0.0033	0.0052	0.0082
	1.19	1.19	1.19	1.20
30	0.0026	0.0033	0.0052	0.0082
	1.04	1.04	1.04	1.04

WATER TEMP.	pH				
DEGREES C	7.2	7.4	7.6	7.8	8.0
0	0.0033	0.0052	0.0082	0.0110	0.0123
	2.5	2.5	2.6	2.2	1.52
2	0.0038	0.0060	0.0094	0.0126	0.0141
	2.5	2.5	2.5	2.1	1.48
4	0.0043	0.0068	0.0108	0.0145	0.0162
	2.4	2.4	2.4	2.0	1.44
6	0.0050	0.0079	0.0125	0.0166	0.0186

WATER TEMP.	pH				
DEGREES C	7.2	7.4	7.6	7.8	8.0
	2.4	2.4	2.4	2.0	1.41
8	0.0057	0.0090	0.0143	0.0191	0.0213
	2.3	2.3	2.3	2.0	1.38
10	0.0065	0.0104	0.0164	0.0219	0.0245
	2.3	2.3	2.3	1.9	1.36
12	0.0075	0.0119	0.0189	0.0252	0.0281
	2.2	2.2	2.2	1.9	1.34
14	0.0086	0.0137	0.0216	0.0289	0.0323
	2.2	2.2	2.2	1.9	1.32
16	0.0099	0.0157	0.0249	0.0332	0.0371
	2.2	2.2	2.2	1.8	1.31
18	0.0114	0.0180	0.0285	0.0381	0.0426
	2.1	2.1	2.2	1.8	1.30
20	0.0130	0.0207	0.0328	0.0437	0.0489
	2.1	2.1	2.1	1.8	1.30
22	0.0130	0.0207	0.0328	0.0437	0.0489
	1.8	1.8	1.9	1.6	1.13
24	0.0130	0.0207	0.0328	0.0437	0.0489
	1.6	1.6	1.6	1.4	0.98
26	0.0130	0.0207	0.0328	0.0437	0.0489
	1.38	1.39	1.40	1.19	0.86
28	0.0130	0.0207	0.0328	0.0437	0.0489
	1.20	1.21	1.22	1.04	0.76
30	0.0130	0.0207	0.0328	0.0437	0.0489
	1.05	1.06	1.07	0.92	0.66

WATER TEMP.	pH				
DEGREES C	8.2	8.4	8.6	8.8	9.0
0	0.0123	0.0123	0.0123	0.0123	0.0123
	0.97	0.61	0.39	0.25	0.163
2	0.0141	0.0141	0.0141	0.0141	0.0141
	0.94	0.60	0.38	0.25	0.161
4	0.0162	0.0162	0.0162	0.0162	0.0162
	0.92	0.58	0.37	0.24	0.159
6	0.0186	0.0186	0.0186	‘0.0186	0.0186
	0.90	0.57	0.37	0.24	0.158
8	0.0213	0.0213	0.0213	0.0213	0.0213
	0.88	0.56	0.36	0.24	0.158
10	0.0245	0.0245	0.0245	0.0245	0.0245
	0.87	0.56	0.36	0.24	0.158
12	0.0281	0.0281	0.0281	0.0281	0.0281
	0.86	0.55	0.36	0.24	0.159
14	0.0323	0.0323	0.0323	0.0323	0.0323
	0.85	0.55	0.36	0.24	0.162
16	0.0371	0.0371	0.0371	0.0371	0.0371
	0.84	0.54	0.36	0.24	0.165
18	0.0426	0.0426	0.0426	0.0426	0.0426
	0.84	0.54	0.36	0.24	0.169
20	0.0489	0.0489	0.0489	0.0489	0.0489
	0.84	0.55	0.36	0.25	0.174
22	0.0489	0.0489	0.0489	0.0489	0.0489
	0.73	0.48	0.32	0.22	0.157
24	0.0489	0.0489	0.0489	0.0489	0.0489
	0.64	0.42	0.28	0.20	0.142
26	0.0489	0.0489	0.0489	0.0489	0.0489
	0.56	0.37	0.25	0.18	0.130
28	0.0489	0.0489	0.0489	0.0489	0.0489
	0.49	0.33	0.23	0.16	0.120
30	0.0489	0.0489	0.0489	0.0489	0.0489
	0.44	0.29	0.20	0.146	0.110

~~c~~**02. Cold ~~w~~Water.** ~~biota: w~~Waters designated for cold water ~~biota~~ aquatic life are to exhibit the following characteristics: ~~(7-1-93)~~( )

~~i~~a. Dissolved Oxygen Concentrations exceeding six (6) mg/l at all times. In lakes and reservoirs this standard does not apply to: (7-1-93)

~~(1)~~i. The bottom twenty percent (20%) of water depth in natural lakes and reservoirs where depths are thirty-five (35) meters or less. (7-1-93)

~~(2)~~ii. The bottom seven (7) meters of water depth in natural lakes and reservoirs where depths are greater than thirty-five (35) meters. (7-1-93)

~~(3)~~iii. Those waters of the hypolimnion in stratified lakes and reservoirs. (7-1-93)

~~ii~~b. Water temperatures of twenty-two (22) degrees C or less with a maximum daily average of no greater than nineteen (19) degrees C. (8-24-94)

~~iii~~c. Ammonia. (8-24-94)

~~(1)~~i. One (1) hour average concentration of un-ionized ammonia (as N) is not to exceed (0.43/A/B/2) mg/l, where:

A = 1 if the water temperature (T) is greater than or equal to 20 degrees C (if T > 30 degrees C site-specific criteria should be defined), or

A = 10power(0.03(20-T)) if T is less than twenty (20) degrees C, and

B = 1 if the pH is greater than or equal to 8 (if pH > 9.0 site-specific criteria should be defined); or

B = (1 + 10power(7.4-pH))/1.25 if pH is less than 8 (if pH < 6.5 site-specific criteria should be defined). (8-24-94)

~~(i) The following Table gives one-hour average criteria for un-ionized ammonia (mg/l as N) at various water temperatures and pH values. The corresponding total ammonia concentration (mg/l as N) is given below each un-ionized ammonia criterion.~~ ~~(8-24-94)~~

~~**TABLE III--COLD WATER BIOTA: ONE-HOUR AVERAGE CRITERIA FOR UN-IONIZED (TOP) AND TOTAL (BOTTOM) AMMONIA (mg/l as N) AT SELECTED WATER TEMPERATURES AND PH VALUES.**~~

~~WATER TEMP.~~	~~pH~~						
~~DEGREES C~~	~~6.50~~	~~6.60~~	~~6.80~~	~~7.00~~	~~7.20~~	~~7.40~~	~~7.60~~
~~0.00~~	~~0.01~~	~~0.01~~	~~0.01~~	~~0.02~~	~~0.03~~	~~0.03~~	~~0.04~~
	~~28.92~~	~~28.07~~	~~26.01~~	~~23.27~~	~~19.94~~	~~16.31~~	~~12.62~~
~~2.00~~	~~0.01~~	~~0.01~~	~~0.02~~	~~0.02~~	~~0.03~~	~~0.04~~	~~0.05~~
	~~28.05~~	~~27.26~~	~~25.26~~	~~22.59~~	~~19.35~~	~~15.82~~	~~12.25~~
~~4.00~~	~~0.01~~	~~0.01~~	~~0.02~~	~~0.03~~	~~0.03~~	~~0.04~~	~~0.05~~
	~~27.34~~	~~26.52~~	~~24.57~~	~~22.03~~	~~18.92~~	~~15.40~~	~~11.94~~
~~6.00~~	~~0.01~~	~~0.01~~	~~0.02~~	~~0.03~~	~~0.04~~	~~0.05~~	~~0.06~~

WATER TEMP.	pH						
DEGREES C	6.50	6.60	6.80	7.00	7.20	7.40	7.60
	26.63	25.93	23.99	21.55	18.47	15.07	11.67
8.00	0.01	0.02	0.02	0.03	0.05	0.06	0.07
	26.08	25.35	23.55	21.01	18.01	14.74	11.44
10.00	0.02	0.02	0.03	0.04	0.05	0.07	0.08
	25.57	24.87	23.11	20.62	17.72	14.45	11.22
12.00	0.02	0.02	0.03	0.04	0.06	0.08	0.09
	25.13	24.43	22.66	20.29	17.39	14.21	11.04
14.00	0.02	0.02	0.04	0.05	0.07	0.09	0.11
	24.76	24.05	22.28	19.98	17.13	14.03	10.89
16.00	0.02	0.03	0.04	0.06	0.08	0.10	0.12
	24.43	23.84	22.00	19.75	16.92	13.85	10.78
18.00	0.03	0.03	0.05	0.07	0.09	0.12	0.14
	24.23	23.55	21.76	19.49	16.77	13.70	10.63
20.00	0.03	0.04	0.05	0.08	0.10	0.13	0.16
	24.04	23.27	21.58	19.32	16.61	13.60	10.56
22.00	0.03	0.04	0.05	0.08	0.10	0.13	0.16
	20.72	20.09	18.67	16.75	14.38	11.79	9.15
24.00	0.03	0.04	0.05	0.08	0.10	0.13	0.16
	17.99	17.43	16.20	14.52	12.48	10.26	7.96
26.00	0.03	0.04	0.05	0.08	0.10	0.13	0.16
	15.57	15.19	14.05	12.61	10.85	8.90	6.95
28.00	0.03	0.04	0.05	0.08	0.10	0.13	0.16
	13.60	13.18	12.23	10.98	9.45	7.77	6.06
30.00	0.03	0.04	0.05	0.08	0.10	0.13	0.16
	11.83	11.49	10.66	9.58	8.25	6.79	5.30

WATER TEMP.	pH						
DEGREES C	7.80	8.00	8.20	8.40	8.60	8.80	9.00
0.00	0.05	0.05	0.05	0.05	0.05	0.05	0.05
	9.30	6.59	4.19	2.66	1.69	1.09	0.71
2.00	0.06	0.06	0.06	0.06	0.06	0.06	0.06

WATER TEMP.	pH						
DEGREES C	7.80	8.00	8.20	8.40	8.60	8.80	9.00
	9.04	6.41	4.05	2.58	1.65	1.07	0.70
4.00	0.06	0.07	0.07	0.07	0.07	0.07	0.07
	8.82	6.25	3.98	2.53	1.62	1.05	0.69
6.00	0.07	0.08	0.08	0.08	0.08	0.08	0.08
	8.82	6.10	3.89	2.48	1.60	1.04	0.69
8.00	0.08	0.09	0.09	0.09	0.09	0.09	0.09
	8.44	5.98	3.82	2.44	1.57	1.03	0.69
10.00	0.10	0.11	0.11	0.11	0.11	0.11	0.11
	8.31	5.89	3.75	2.41	1.56	1.03	0.69
12.00	0.11	0.12	0.12	0.12	0.12	0.12	0.12
	8.13	5.81	3.70	2.38	1.55	1.02	0.69
14.00	0.13	0.14	0.14	0.14	0.14	0.14	0.14
	8.04	5.73	3.67	2.37	1.55	1.03	0.70
16.00	0.15	0.16	0.16	0.16	0.16	0.16	0.16
	7.97	5.68	3.65	2.36	1.55	1.04	0.72
18.00	0.17	0.19	0.19	0.19	0.19	0.19	0.19
	7.90	5.66	3.64	2.36	1.56	1.05	0.73
20.00	0.19	0.22	0.22	0.22	0.22	0.22	0.22
	7.88	5.63	3.63	2.37	1.57	1.08	0.76
22.00	0.19	0.22	0.22	0.22	0.22	0.22	0.22
	6.82	4.90	3.17	2.09	1.39	0.96	0.68
24.00	0.19	0.22	0.22	0.22	0.22	0.22	0.22
	5.93	4.27	2.77	1.84	1.24	0.86	0.62
26.00	0.19	0.22	0.22	0.22	0.22	0.22	0.22
	5.18	3.74	2.44	1.62	1.10	0.77	0.57
28.00	0.19	0.22	0.22	0.22	0.22	0.22	0.22
	4.53	3.28	2.15	1.43	0.99	0.70	0.52
30.00	0.19	0.22	0.22	0.22	0.22	0.22	0.22
	3.97	2.88	1.90	1.28	0.88	0.64	0.48

~~(2)~~ii. Four-day average concentration of un-ionized ammonia (as N) is not to exceed (0.66/A/B/C) mg/l, where:

A = 1.4 if the water temperature (T) is greater than or equal to 15 degrees C (if T > 30 degrees C site-specific criteria

should be defined), or

A = 10power(0.03(20-T)) if T is less than fifteen (15) degrees C, and

B = 1 if the pH is greater than or equal to 8 (if pH > 9.0 site-specific criteria should be defined), or

B = (1 + 10power(7.4-pH))/1.25 if pH is less than 8 (if pH < 6.5 site-specific criteria should be defined), and

C = 13.5 if pH is greater than or equal to 7.7, or

C = 20(10power(7.7-pH)/(1 + 10power(7.4-pH))) if the pH is less than 7.7. (4-13-95)

~~(i) The following Table gives four-day average criteria for un-ionized ammonia (mg/l as N) at various water temperatures and pH values. The corresponding total ammonia concentration (mg/l as N) is given below each un-ionized ammonia criterion. (8-24-94)~~

~~TABLE IV--COLD WATER BIOTA: FOUR-DAY AVERAGE CRITERIA FOR UN-IONIZED (TOP) AND TOTAL (BOTTOM) AMMONIA (mg/1 as N) AT SELECTED WATER TEMPERATURES AND PH VALUES.~~

~~WATER TEMP~~	~~pH~~				
~~DEGREES C~~	~~6.5~~	~~6.6~~	~~6.8~~	~~7.0~~	~~7.2~~
~~0~~	~~0.0007~~	~~0.0008~~	~~0.0013~~	~~0.0021~~	~~0.0033~~
	~~2.5~~	~~2.5~~	~~2.5~~	~~2.5~~	~~2.5~~
~~2~~	~~0.0008~~	~~0.0009~~	~~0.0015~~	~~0.0024~~	~~0.0038~~
	~~2.5~~	~~2.5~~	~~2.5~~	~~2.5~~	~~2.5~~
~~4~~	~~0.0009~~	~~0.0011~~	~~0.0017~~	~~0.0027~~	~~0.0043~~
	~~2.4~~	~~2.4~~	~~2.4~~	~~2.4~~	~~2.4~~
~~6~~	~~0.0010~~	~~0.0012~~	~~0.0020~~	~~0.0031~~	~~0.0050~~
	~~2.3~~	~~2.3~~	~~2.3~~	~~2.3~~	~~2.4~~
~~8~~	~~0.0011~~	~~0.0014~~	~~0.0023~~	~~0.0036~~	~~0.0057~~
	~~2.3~~	~~2.3~~	~~2.3~~	~~2.3~~	~~2.3~~
~~10~~	~~0.0013~~	~~0.0016~~	~~0.0026~~	~~0.0041~~	~~0.0065~~
	~~2.3~~	~~2.3~~	~~2.3~~	~~2.3~~	~~2.3~~
~~12~~	~~0.0015~~	~~0.0019~~	~~0.0030~~	~~0.0054~~	~~0.0075~~
	~~2.2~~	~~2.2~~	~~2.2~~	~~2.2~~	~~2.2~~
~~14~~	~~0.0017~~	~~0.0022~~	~~0.0034~~	~~0.0054~~	~~0.0086~~
	~~2.2~~	~~2.2~~	~~2.2~~	~~2.2~~	~~2.2~~
~~16~~	~~0.0019~~	~~0.0023~~	~~0.0037~~	~~0.0059~~	~~0.0093~~
	~~2.0~~	~~2.0~~	~~2.0~~	~~2.0~~	~~2.0~~
~~18~~	~~0.0019~~	~~0.0023~~	~~0.0037~~	~~0.0059~~	~~0.0093~~
	~~1.7~~	~~1.7~~	~~1.7~~	~~1.7~~	~~1.7~~

WATER TEMP	pH				
DEGREES C	6.5	6.6	6.8	7.0	7.2
20	0.0019	0.0023	0.0037	0.0059	0.0093
	1.50	1.50	1.51	1.51	1.51
22	0.0019	0.0023	0.0037	0.0059	0.0093
	1.30	1.30	1.30	1.30	1.31
24	0.0019	0.0023	0.0037	0.0059	0.0093
	1.13	1.13	1.13	1.13	1.13
26	0.0019	0.0023	0.0037	0.0059	0.0093
	0.98	0.98	0.98	0.98	0.99
28	0.0019	0.0023	0.0037	0.0059	0.0093
	0.85	0.85	0.85	0.86	0.86
30	0.0019	0.0023	0.0037	0.0059	0.0093
	0.74	0.74	0.74	0.75	0.75

WATER TEMP.	pH				
DEGREES C	7.4	7.6	7.8	8.0	8.2
0	0.0052	0.0082	0.0110	0.0123	0.0123
	2.5	2.6	2.2	1.52	0.97
2	0.0060	0.0094	0.0126	0.0141	0.0141
	2.5	2.5	2.1	1.48	0.94
4	0.0068	0.0108	0.0145	0.0162	0.0162
	2.4	2.4	2.0	1.44	0.92
6	0.0079	0.0125	0.0166	0.0186	0.0186
	2.4	2.4	2.0	1.41	0.90
8	0.0090	0.0143	0.0191	0.0213	0.0213
	2.3	2.3	2.0	1.38	0.88
10	0.0104	0.0164	0.0219	0.0245	0.0245
	2.3	2.3	1.9	1.36	0.87
12	0.0119	0.0189	0.0252	0.0281	0.0281
	2.2	2.2	1.9	1.34	0.86
14	0.0137	0.0216	0.0289	0.0323	0.0323
	2.2	2.2	1.9	1.32	0.85

WATER TEMP.	pH				
DEGREES C	7.4	7.6	7.8	8.0	8.2
16	0.0148	0.0234	0.0312	0.0349	0.0349
	2.0	2.0	1.7	1.24	0.79
18	0.0148	0.0234	0.0312	0.0349	0.0349
	1.8	1.8	1.5	1.07	0.69
20	0.0148	0.0234	0.0312	0.0349	0.0349
	1.52	1.53	1.30	0.93	0.60
22	0.0148	0.0234	0.0312	0.0349	0.0349
	1.31	1.32	1.12	0.81	0.52
24	0.0148	0.0234	0.0312	0.0349	0.0349
	1.14	1.15	0.98	0.70	0.46
26	0.0148	0.0234	0.0312	0.0349	0.0349
	0.99	1.00	0.85	0.61	0.40
28	0.0148	0.0234	0.0312	0.0349	0.0349
	0.86	0.87	0.75	0.54	0.35
30	0.0148	0.0234	0.0312	0.0349	0.0349
	0.75	0.76	0.65	0.47	0.31

WATER TEMP	pH			
DEGREES C	8.4	8.6	8.8	9.0
0	0.0123	0.0123	0.0123	0.0123
	0.61	0.39	0.25	0.163
2	0.0141	0.0141	0.0141	0.0141
	0.60	0.38	0.25	0.161
4	0.0162	0.0162	0.0162	0.0162
	0.58	0.37	0.24	0.159
6	0.0186	0.0186	0.0186	0.0186
	0.57	0.37	0.24	0.158
8	0.0213	0.0213	0.0213	0.0213
	0.56	0.36	0.24	0.158
10	0.0245	0.0245	0.0245	0.0245
	0.56	0.36	0.24	0.158
12	0.0281	0.0281	0.0281	0.0281
	0.55	0.36	0.24	0.159

~~WATER TEMP~~	~~pH~~			
~~DEGREES C~~	~~8.4~~	~~8.6~~	~~8.8~~	~~9.0~~
~~14~~	~~0.0323~~	~~0.0323~~	~~0.0323~~	~~0.0323~~
	~~0.55~~	~~0.36~~	~~0.24~~	~~0.162~~
~~16~~	~~0.0349~~	~~0.0349~~	~~0.0349~~	~~0.0349~~
	~~0.51~~	~~0.34~~	~~0.23~~	~~0.155~~
~~18~~	~~0.0349~~	~~0.0349~~	~~0.0349~~	~~0.0349~~
	~~0.45~~	~~0.29~~	~~0.20~~	~~0.138~~
~~20~~	~~0.0349~~	~~0.0349~~	~~0.0349~~	~~0.0349~~
	~~0.39~~	~~0.26~~	~~0.18~~	~~0.124~~
~~22~~	~~0.0349~~	~~0.0349~~	~~0.0349~~	~~0.0349~~
	~~0.34~~	~~0.23~~	~~0.16~~	~~0.112~~
~~24~~	~~0.0349~~	~~0.0349~~	~~0.0349~~	~~0.0349~~
	~~0.30~~	~~0.20~~	~~0.14~~	~~0.102~~
~~26~~	~~0.0349~~	~~0.0349~~	~~0.0349~~	~~0.0349~~
	~~0.27~~	~~0.18~~	~~0.127~~	~~0.093~~
~~28~~	~~0.0349~~	~~0.0349~~	~~0.0349~~	~~0.0349~~
	~~0.24~~	~~0.16~~	~~0.115~~	~~0.085~~
~~30~~	~~0.0349~~	~~0.0349~~	~~0.0349~~	~~0.0349~~
	~~0.21~~	~~0.15~~	~~0.105~~	~~0.079~~

~~iv~~d. Turbidity, below any applicable mixing zone set by the Department, shall not exceed background turbidity by more than fifty (50) NTU instantaneously or more than twenty-five (25) NTU for more than ten (10) consecutive days. (8-24-94)

~~d~~e. Salmonid spawning: waters designated for salmonid spawning are to exhibit the following characteristics during the spawning period and incubation for the particular species inhabiting those waters: (7-1-93)

i. Dissolved Oxygen. (8-24-94)

(1) Intergravel Dissolved Oxygen. (8-24-94)

(a) One (1) day minimum of not less than five point zero (5.0) mg/l. (8-24-94)

(b) Seven (7) day average mean of not less than six point zero (6.0) mg/l. (8-24-94)

(2) Water-Column Dissolved Oxygen. (8-24-94)

(a) One (1) day minimum of not less than six point zero (6.0) mg/l or ninety percent (90%) of saturation, whichever is greater. (8-24-94)

ii. Water temperatures of thirteen (13) degrees C or less with a maximum daily average no greater than nine (9) degrees C. (8-24-94)

iii. Ammonia (8-24-94)

(1) One (1) hour average concentration of un-ionized ammonia is not to exceed the criteria defined at ~~Idaho Department of Health and Welfare Rules~~ Subsection 250.02.c.i~~ii.(1)~~. ~~(8-24-94)~~( )

(2) Four (4) day average concentration of un-ionized ammonia is not to exceed the criteria defined at ~~Idaho Department of Health and Welfare Rules~~ Subsection 250.02.c.i~~ii.(2)~~. ~~(8-24-94)~~( )

~~iv. Unless modified for site specific conditions, the time periods for salmonid spawning and incubation in the following Table shall apply for the indicated species.~~ ~~(8-24-94)~~

~~**TABLE - Time Periods for Salmonid Spawning and Incubation.**~~

~~**Fish Species**~~	~~**(Annually) Time Period**~~
~~Chinook salmon (spring)~~	~~Aug 1 - Apr 1~~
~~Chinook salmon (summer)~~	~~Aug 15 - June 15~~
~~Chinook Salmon (fall)~~	~~Sept 15 - Apr 15~~
~~Sockeye Salmon~~	~~Oct 1 - June 1~~
~~Steelhead trout~~	~~Feb 1 - July 15~~
~~Redband trout~~	~~Mar 1 - July 15~~
~~Cutthroat trout~~	~~Apr 1 - Aug 1~~
~~Sunapee trout~~	~~Sept 15 - June 10~~
~~Bull trout~~	~~Sept 1 - Apr 1~~
~~Golden trout~~	~~June 15 - Aug 15~~
~~Kokanee~~	~~Aug 1 - June 1~~
~~Rainbow trout~~	~~Jan 15 - July 15~~
~~Mountain whitefish~~	~~Oct 15 - Mar 15~~
~~Brown trout~~	~~Oct 1 - Apr 1~~
~~Brook trout~~	~~Oct 1 - June 1~~
~~Lake trout~~	~~Oct 1 - Apr 1~~
~~Arctic grayling~~	~~Apr 1 - July 1~~

~~(8-24-94)~~

~~e~~f. Bull Trout Temperature Criteria. Water temperatures for the waters identified under Subsection 250.02.~~e~~f.i. shall not exceed twelve degree Celsius (12C) daily average during June, July and August for juvenile bull trout rearing, and nine degrees Celsius (9C) daily average during September and October for bull trout spawning. For the purposes of measuring these criteria, the daily average shall be generated from a recording device with a minimum of six (6) evenly spaced measurements in a twenty-four (24) hour period. ~~(3-23-98)~~( )

i. The bull trout temperature criteria shall apply to all tributary waters, not including fifth order main stem rivers, located within areas above fourteen hundred (1400) meters elevation south of the Salmon River basin-

Clearwater River basin divide, and above six hundred (600) meters elevation north of the Salmon River basin-Clearwater River basin divide, in the fifty-nine (59) Key Watersheds listed in Table 6, Appendix F of Governor Batt's State of Idaho Bull Trout Conservation Plan, 1996, or as designated under Sections 110 through 160 of this rule. (3-23-98)

~~ii. Exceeding the bull trout temperature criteria will not be considered a water quality standards violation when the air temperature exceeds the ninetieth (90th) percentile of the seven (7) day average daily maximum air temperatures for the warmest seven (7) day period of the year.~~ ~~(3-23-98)~~

~~ii~~iii. No thermal discharges will be permitted to the waters described under Subsection 250.02.~~e~~f.i. unless socially and economically justified as determined by the Department, and then only if the resultant increase in stream temperature is less than five-tenths degrees Celsius (0.5C). ~~(3-23-98)~~( )

~~iv. The Director may, at his discretion, waive or raise the bull trout temperature criteria under Section 250.02.e. as they pertain to a specific water body included within Subsection 250.02.e.i. Any such determination shall be made consistent with 40 CFR 131.11 and shall be based on a finding that bull trout spawning and rearing is not an existing use in such water body or would be fully supported at a higher temperature criteria. For any determination under this subsection, the Director shall, prior to making a determination, provide for public notice and comment on the proposed determination. For any such proposed determination, the Director shall prepare and make available to the public a technical support document addressing the proposed modification.~~ ~~(3-23-98)~~

~~f~~g. Kootenai River sturgeon temperature criteria. Water temperatures within the Kootenai River from Bonners Ferry to Shorty's Island, shall not exceed a seven (7) day moving average of fourteen degrees celsius (14C) based on daily average water temperatures, during May 1 through July 1. (3-23-98)

03. Cool Water. Waters designated for cool water aquatic life are to exhibit the following characteristics: ( )

a. Dissolved Oxygen Concentrations exceeding six (6) mg/l at all times. In lakes and reservoirs this standard does not apply to: ( )

i. The bottom twenty percent (20%) of water depth in natural lakes and reservoirs where depths are thirty-five (35) meters or less. ( )

ii. The bottom seven (7) meters of water depth in natural lakes and reservoirs where depths are greater than thirty-five (35) meters. ( )

iii. Those waters of the hypolimnion in stratified lakes and reservoirs. ( )

b. Water temperatures of twenty-seven (27) degrees C or less as a daily maximum with a daily average of no greater than twenty-four (24) degrees C. ( )

c. Ammonia. ( )

i. One (1) hour average concentration of un-ionized ammonia is not to exceed the criteria defined at Subsection 250.02.c.i. ( )

ii. Four (4) day average concentration of un-ionized ammonia is not to exceed the criteria defined at Subsection 250.02.c.ii. ( )

~~b~~**04. Warm ~~w~~Water**. ~~biota: w~~Waters designated for warm water ~~biota~~ aquatic life are to exhibit the following characteristics: ~~(7-1-93)~~( )

~~i~~a. Dissolved oxygen concentrations exceeding five (5) mg/l at all times. In lakes and reservoirs this standard does not apply to: (7-1-93)

~~(1)~~i. The bottom twenty percent (20%) of the water depth in natural lakes and reservoirs where depths

are thirty-five (35) meters or less. (7-1-93)

~~(2)~~ii. The bottom seven (7) meters of water depth in natural lakes and reservoirs where depths are greater than thirty-five (35) meters. (7-1-93)

~~(3)~~iii. Those waters of the hypolimnion in stratified lakes and reservoirs. (7-1-93)

~~ii~~b. Water temperatures of thirty-three (33) degrees C or less with a maximum daily average not greater than twenty-nine (29) degrees C. (8-24-94)

~~iii~~c. Ammonia. (8-24-94)

~~(1)~~i. One (1) hour average concentration of un-ionized ammonia (as N) is not to exceed (0.43/A/B/2) mg/l, where:

A = 0.7 if the water temperature (T) is greater than or equal to 25 degrees C (if T > 30 degrees C site-specific criteria should be defined), or

A = 10power(0.03(20-T)) if T is less than 25 degrees C, and

B = 1 if the pH is greater than or equal to 8 (if pH > 9.0 site-specific criteria should be defined), or

B = (1 + 10power(7.4-pH))/1.25 if pH is less than 8 (if pH < 6.5 site-specific criteria should be defined). (8-24-94)

~~(i) The following Table gives one-hour average criteria for un-ionized ammonia (mg/l as N) at various water temperatures and pH values. The corresponding total ammonia concentration (mg/l as N) is given below each un-ionized ammonia criterion.~~ ~~(8-24-94)~~

~~(2)~~ii. Four-day average concentration of un-ionized ammonia (as N) is not to exceed (0.66/A/B/C) mg/l, where:

A = 1.0 if the water temperature (T) is greater than or equal to 20 degrees C (if T > 30 degrees C site-specific criteria should be defined), or

A = 10power(0.03(20-T)) if T is less than 20 degrees C, and)

B = 1 if the pH is greater than or equal to 8 (if pH > 9.0 site-specific criteria should be defined), or

B = (1 + 10power(7.4-pH))/1.25 if pH is less than 8 (if pH < 6.5 site-specific criteria should be defined), and

C = 13.5 if pH is greater than or equal to 7.7, or

C = 20(10power(7.7-pH)/(1 + 10power(7.4-pH))) if the pH is less than 7.7. (4-13-95)

~~(a) The following Table gives four-day average criteria for un-ionized ammonia (mg/l as N) at various water temperatures and pH values. The corresponding total ammonia concentration (mg/l as N) is given below each un-ionized ammonia criterion.~~ ~~(8-24-94)~~

05. Modified. Water quality criteria for modified aquatic life will be determined on a case-by-case basis reflecting the chemical, physical, and biological levels necessary to fully support the existing aquatic life community. These criteria, when determined, will be adopted into this rule. ( )

251. SURFACE WATER QUALITY CRITERIA FOR RECREATION USE DESIGNATIONS.

01. Primary Contact Recreation. Waters designated for primary contact recreation are not to contain E.coli bacteria significant to the public health in concentrations exceeding: ( )

a. A single sample of four hundred six (406) E.coli organisms per one hundred (100) ml; or ( )

b. A geometric mean of one hundred twenty-six (126) E.coli organisms per one hundred (100) ml based on a minimum of five (5) samples taken every three (3) to five (5) days over a thirty (30) day period. ( )

02. Secondary Contact Recreation. Waters designated for secondary contact recreation are not to contain E.coli bacteria significant to the public health in concentrations exceeding: ( )

a. A single sample of five hundred seventy-six (576) E.coli organisms per one hundred (100) ml; or ( )

b. A geometric mean of one hundred twenty-six (126) E.coli organisms per one hundred (100) ml based on a minimum of five (5) samples taken every three (3) to five (5) days over a thirty (30) day period. ( )

252. SURFACE WATER QUALITY CRITERIA FOR WATER SUPPLY USE DESIGNATION.

~~**03. Water Supplies.** (7-1-93)~~

~~a~~**01. Domestic**~~:~~. ~~w~~Waters designated for domestic water supplies are to exhibit the following characteristics: ~~(7-1-93)~~( )

~~i. All toxic substance criteria set forth in 40 CFR 131.36(b)(1), Column D1, revised as of December 22, 1992, effective February 5, 1993 (57 FR 60848, December 22, 1992). 40 CFR 131.36(b)(1) is hereby incorporated by reference in the manner provided in Subsection 250.07 provided, however, the standard for arsenic shall be fifty (50) ug/l for Column D1. (3-19-99)~~

~~ii~~a. Radioactive materials or radioactivity not to exceed concentrations specified in Idaho Department of Health and Welfare Rules, IDAPA 16.01.08, "Rules Governing Public Drinking Water Systems". (8-24-94)

~~iii~~b. Small public water supplies (Surface Water). (8-24-94)

~~(1)~~i. The following Table identifies waters, including their watersheds above the public water supply intake (except where noted), which are designated as small public water supplies.

TABLE - DESIGNATED SMALL PUBLIC WATER SUPPLIES

County	Water Body	Supply No.*	Supply System Name
Benewah	Adams Ck	1050011	Fernwood Water Dist.
Boise	Elk Ck	4080025	Idaho City Water Dept.
Boise	McBride Ck.	4080047	Terrace Lakes Rec. Ranch
Bonner	Berry Ck	1090021	Colburn Water Assn.
Bonner	Strong Ck.	1090038	East Hope Water Dept.
Boundary	Meadow Ck.	1110001	Bee Line Water Assn.
Boundary	Curley Ck.	1110008	Curley Ck. Water Assn.
Boundary	Molar Ck. and Highland Ck.	1110017	Highland Flats Water Assn.
Boundary	Mission Ck	1110019	Mission Creek Water Assn.
Boundary	Caribou Ck.	1110020	Moravia Water Assn.

County	Water Body	Supply No.*	Supply System Name
Boundary	Brown Creek and Cedar Ck.	1110023	Paradise Valley Water Assn.
Boundary	Skin Ck.	1110025	Skin Ck. Water Assn.
Boundary	Twenty Mile Ck.	1110030	Twenty Mile Ck. Water Assn.
Clearwater ~~N.F.~~	N.F. Clearwater R.**	2180001	Ahsahka Water and Sewer District
Clearwater	Reeds Ck.	2180029	Potlatch Corp-Headquarters
Elmore	E.F. Montezuma Ck.	4200005	Atlanta Water Assn.
Idaho	Wall Creek	2250011	Clearwater Water Assn.
Idaho	Big Elk Ck.	2250017	Elk City Water/Sewer Assn.
Nez Perce	Big Canyon Ck.	2350023	Peck Water System
Shoshone	Sawmill Gulch and Canyon Ck.	1400016	Citizens Utility Co-Burke
Shoshone	Spring Gulch and Rosebud Gulch	1400032	Leisure Acres Trailer Court
Shoshone	Alder Ck. and East Alder Ck.	1400039	Murray Water Works
Shoshone	E.F. Silver Ck.	1400046	Silver Creek Water Assn.
Valley	Boulder Ck.	4430059	Yellowpine Water System, Inc.

* Public water supply number assigned by IDHW/DEQ.

** Only the portion of the watershed below Dworshak Dam is included. ~~(8-24-94)~~( )

~~(2)~~ii. For those surface waters identified in Subsection 25~~0~~2.0~~3~~1.~~a~~b.i~~ii.(1)~~ turbidity as measured at the public water intake shall not be: ~~(8-24-94)~~( )

(~~a~~1) Increased by more than five (5) NTU above natural background, measured at a location upstream from or not influenced by any human induced nonpoint source activity, when background turbidity is fifty (50) NTU or less. (8-24-94)

(~~b~~2) Increased by more than ten percent (10%) above natural background, measured at a location upstream from or not influenced by any human induced nonpoint source activity, not to exceed twenty-five (25) NTU, when background turbidity is greater than fifty (50) NTU. (8-24-94)

~~b~~**02. Agricultural**~~:~~. ~~w~~Water quality criteria for agricultural water supplies will generally be satisfied by the water quality criteria set forth in Section 200. Should specificity be desirable or necessary to protect a specific use, "Water Quality Criteria 1972" (Blue Book), Section V, Agricultural Uses of Water, EPA, March, 1973 will be used for determining criteria. This document is available for review at the Idaho Department of Health and Welfare, Division of Environmental Quality, or can be obtained from EPA or the U.S. Government Printing Office. ~~(8-24-94)~~( )

~~c~~**03. Industrial**~~:~~. ~~w~~Water quality criteria for industrial water supplies will generally be satisfied by the general water quality criteria set forth in Section 200. Should specificity be desirable or necessary to protect a specific use, appropriate criteria will be adopted in Sections 25~~0~~2 or 275 through 298. ~~(7-1-93)~~( )

253. SURFACE WATER QUALITY CRITERIA FOR WILDLIFE AND AESTHETICS USE

DESIGNATIONS.

041. **Wildlife Habitats**. Water quality criteria for wildlife habitats will generally be satisfied by the general water quality criteria set forth in Section 200. Should specificity be desirable or necessary to protect a specific use, appropriate criteria will be adopted in Sections 250~~0~~3 or 275 through 298. ~~(7-1-93)~~(____)

052. **Aesthetics**. Water quality criteria for aesthetics will generally be satisfied by the general water quality criteria set forth in Section 200. Should specificity be desirable or necessary to protect a specific use, appropriate criteria will be adopted in Sections 250~~0~~3 or 275 through 298. ~~(7-1-93)~~(____)

~~**06. Development Of Toxic Substance Criteria**.~~ ~~(8-24-94)~~

~~a. Aquatic Life Criteria.~~ ~~(8-24-94)~~

~~i. Numeric criteria for the protection of aquatic life uses not identified in these rules for toxic substances, may be derived by the Department from the following information:~~ ~~(8-24-94)~~

~~(1) Site-specific criteria developed pursuant to Section 275;~~ ~~(8-24-94)~~

~~(2) Effluent biomonitoring, toxicity testing and whole-effluent toxicity determinations;~~ ~~(8-24-94)~~

~~(3) The most recent recommended criteria defined in EPA's Aquatic Toxicity Information Retrieval (ACQUIRE) database. When using EPA recommended criteria to derive water quality criteria to protect aquatic life uses, the lowest observed effect concentrations (LOECs) shall be considered; or~~ ~~(8-24-94)~~

~~(4) Scientific studies, including but not limited to, instream benthic assessment or rapid bioassessment.~~ ~~(8-24-94)~~

~~b. Human Health Criteria.~~ ~~(8-24-94)~~

~~i. When numeric criteria for the protection of human health are not identified in these rules for toxic substances, quantifiable criteria may be derived by the Department from the most recent recommended criteria defined in EPA's Integrated Risk Information System (IRIS). When using EPA recommended criteria to derive water quality criteria to protect human health a fish consumption rate of six point five (6.5) grams/day, a water ingestion rate of two (2) liters/day and a cancer risk level of ten (10) power-six (6) shall be utilized.~~ ~~(8-24-94)~~

~~**07. Numeric Criteria For Toxic Substances**.~~ ~~(8-24-94)~~

~~a. 40 CFR 131.36, revised as of December 22, 1992, effective February 5, 1993 (57 FR 60848, December 22, 1992, the National Toxics Rule), and all subparts and notes are hereby incorporated by reference, except as noted in or amended by Subsections 250.07.a.i., 250.07.a.ii., 250.07.a.iii., 250.07.a.iv., and 250.07.a.v.~~ ~~(8-24-94)~~

~~i. The reference to "paragraph (d) of" in 40 CFR 131.36(c)(2)(iii) shall be deleted.~~ ~~(8-24-94)~~

~~ii. The second sentence of 40 CFR 131.36(b)(1), footnote C shall be deleted.~~ ~~(8-24-94)~~

~~iii. 40 CFR 131.36(c)(1) shall be deleted and replaced with the following: "The criteria in paragraph (b) of this section apply to surface waters of the state as provided in Idaho IDAPA 16.01.02, "Water Quality Standards and Wastewater Treatment Requirements," Section 250."~~ ~~(8-24-94)~~

~~iv. The first sentence of 40 CFR 131.36(c)(4)(iii) shall be deleted and replaced with the following: "The criteria for metals (compounds #1-9 and 11-13 in paragraph (b) of this section) are expressed as dissolved concentrations with the following conversion factors: Arsenic(III) 1.000; Cadium 1.136672-(ln hardness x 0.041838 for CMC and 1.101672 (ln hardness x 0.041838) for CCC; Chromium(III) 0.316 for CMC and 0.860 for CCC; Chromium(VI) 0.982 for CMC and 0.962 for CCC; Copper 0.960; Lead 1.46203-(ln hardness x 0.145712); Mercury .85 for CMC only; Nickel 0.998 for CMC and 0.997 for CCC; Silver .85 for CMC only; Zinc 0.978 for CMC and~~

~~0.986 for CCC. Compound #10 (Selenium) is expressed as total recoverable concentrations. Compound #14 (Cyanide) is expressed as Weak Acid Dissociable (WAD) concentrations."~~ ~~(3-20-97)~~

~~v. 40 CFR 131.36(d) shall not be incorporated by reference.~~ ~~(8-24-94)~~

~~b. For the purposes of NPDES permitting, interpretation and implementation of metals criteria listed in Subsection 250.07.a. should be governed by the following standards, that are hereby incorporated by reference, in addition to the provisions of 40 CFR 131.36; provided, however, any identified conversion factors within these documents are not incorporated by reference. Metals criteria conversion factors are identified in Subsection 250.07.a.iv. of this rule.~~ ~~(3-20-97)~~

~~i. "Guidance Document on Dissolved Criteria -- Expression of Aquatic Life Criteria," EPA, October 1993;~~ ~~(8-24-94)~~

~~ii. "Guidance Document on Dynamic Modeling and Translators," EPA, August 1993;~~ ~~(8-24-94)~~

~~iii. "Guidance Document on Clean Analytical Techniques and Monitoring," EPA, October 1993.~~ ~~(8-24-94)~~

~~iv. "Interim Guidance on Determination and Use of Water-Effect Ratios for Metals," EPA, February 1994.~~ ~~(8-24-94)~~

25~~1~~4. -- 259. (RESERVED).

260. VARIANCES FROM WATER QUALITY STANDARDS.

01. Variances. Variances from meeting certain water quality standards may be granted by the Department provided they are consistent with the following requirements: (8-24-94)

a. When granted by the Department, individual variances are to be pollutant and discharger specific, and will be included as part of this section. (8-24-94)

b. In order to obtain a variance from a water quality standard, the discharger must demonstrate that meeting the standard is unattainable based on one or more of the following grounds: (8-24-94)

i. Naturally occurring pollutant concentrations prevent the attainment of the standard; or (8-24-94)

ii. Natural, ~~ephemeral,~~ intermittent, or low flow conditions or water levels prevent the attainment of the standard; or ~~(8-24-94)~~( )

iii. Human caused conditions or sources of pollution prevent the attainment of the standard and cannot be remedied or would cause more environmental damage to correct than to leave in place; or (8-24-94)

iv. Dams, diversions or other types of hydrologic modifications preclude the attainment of the standard, and it is not feasible to restore the water body to its original condition or to operate such modification in a way that would result in attainment of the standard; or (8-24-94)

v. Physical conditions related to the natural features of the water body, unrelated to water quality, preclude attainment of the standard; or (8-24-94)

vi. Controls more stringent than technology-based effluent limitations would result in substantial and widespread economic and social impact. (8-24-94)

c. The discharger must submit to the Department documentation that treatment more advanced than required by technology-based effluent limitations have been considered and that alternative effluent control strategies have been evaluated. (8-24-94)

d. Any variance granted by the Department will remain in effect for a period of five (5) years or the life of the permit. (8-24-94)

i. Upon expiration of the five (5) year time period or permit, the discharger must either meet the standard or must re-apply for the variance in accordance with these rules. (8-24-94)

ii. In considering a re-application for a variance, the Department will require the discharger to demonstrate reasonable progress towards meeting the standard. (8-24-94)

02. Specific Variances. The following are specific variances granted by the Department in accordance with Subsection 260.01: (3-1-95)

a. Kinross DeLamar Mining Company is granted variances from meeting water quality standards listed in Subsection 25~~1~~10.0~~7~~2 for Copper, Selenium and Cyanide discharged to Jordan Creek, ~~SWB-233~~ Subsection 150.08, SW-1 and SW-4. This variance expressly requires effluent limitations to equal zero point sixty-nine (0.69) mg/l daily and zero point forty-one (0.41) mg/l monthly for Copper, three point nine (3.9) mg/l daily and two point four (2.4) mg/l monthly for WAD Cyanide, and two point eight (2.8) mg/l daily and one point seven (1.7) mg/l monthly for Selenium, all presented on a total recoverable basis. Additionally, this variance is conditioned upon compliance with any terms identified in the state's certification of the discharge. ~~(3-1-95)~~( )

(BREAK IN CONTINUITY OF SECTIONS)

275. SITE-SPECIFIC SURFACE WATER QUALITY CRITERIA.

01. No Change To This Subsection.

02. Water Quality Criteria for Specific Waters. Standards provided in Sections 276 through 298 for specific waters will supersede Section~~s~~ 250, 251, 252, and 253 when the application of the standards contained in both sections would present a conflict. ~~(7-1-93)~~( )

276. DISSOLVED OXYGEN STANDARDS FOR WATERS DISCHARGED FROM DAMS, RESERVOIRS, AND HYDROELECTRIC FACILITIES.
Under the terms specified under this section, waters discharged from dams, reservoirs and hydroelectric facilities shall not be subject to the provisions of Subsection 250.02.~~c.i~~a. or 250.02.~~d~~e.i. ~~(7-1-93)~~( )

01. Applicability. Subsections 276.02, 276.03 and 276.04 shall apply to all waters below dams, reservoirs, and hydroelectric facilities as far downstream as the point of measurement as defined in Subsection 276.05. Downstream of that point of measurement, all discharges to the waters shall be subject to the provisions of Subsections 250.02.~~c.i~~a. or 250.02.~~d~~e.i. ~~(7-1-93)~~( )

02. No Change To This Subsection.

03. No Change To This Subsection.

04. No Change To This Subsection.

05. No Change To This Subsection.

06. No Change To This Subsection.

07. No Change To This Subsection.

(BREAK IN CONTINUITY OF SECTIONS)

278. BOISE RIVER, SUBSECTION 150.12 - SW~~B 270~~ 1 AND SW~~B 280~~ 5 -- SALMONID SPAWNING AND DISSOLVED OXYGEN.
The waters of the Boise River from Veterans State Park to its mouth will have dissolved oxygen concentrations of six (6) mg/l or seventy-five percent (75%) of saturation, whichever is greater, during the spawning period of salmonid fishes inhabiting those waters. (7-1-93)

(BREAK IN CONTINUITY OF SECTIONS)

281. -- 2~~88~~9. (RESERVED).

~~**299. GROUND WATER QUALITY STANDARDS.**~~
~~Wherever attainable, ground waters of the state shall be protected for beneficial uses including potable water supplies. Ground waters existing at higher than potable water quality or ground waters which are highly vulnerable to contamination due to the geologic and hydrologic characteristics of areas overlying their occurrence, may be designated by the Department as special resource waters.~~ ~~(8-24-94)~~

~~**01. Activity Restrictions On Spokane Valley - Rathdrum Prairie Aquifer**. The waters of the Spokane Valley - Rathdrum Prairie Aquifer, in its designation as a "sole source" as defined by the EPA under Section 1424e. of the Safe Drinking Water Act, must not be lowered in quality, as it relates to beneficial uses, as a result of a point source or nonpoint source activity unless it is demonstrated by the person proposing the activity that such change is justifiable as a result of necessary economic or social development.~~ ~~(8-24-94)~~

~~**02. Ground Water Use Classification**s. Waters are designated according to the uses for which they are presently suitable or intended to become suitable. The designated uses for which the ground waters of the state are to be protected include, but are not limited to:~~ ~~(8-24-94)~~

~~a. Agricultural water supplies: waters which are suitable or intended to be made suitable for the irrigation of crops or as drinking water for livestock;~~ ~~(7-1-93)~~

~~b. Domestic water supplies: waters which are suitable or intended to be made suitable for drinking water supplies;~~ ~~(7-1-93)~~

~~c. Industrial water supplies: all state ground waters are designated for the use of industrial water supply. Water quality criteria for this use will generally be satisfied by the general ground water quality criteria. Should specificity be desirable or necessary to protect the use, appropriate criteria will be adopted;~~ ~~(8-24-94)~~

~~d. Potable water supplies: waters which are suitable or intended to be made suitable for potable water supplies.~~ ~~(7-1-93)~~

~~**03. Use Designations For Ground Water**.~~ ~~(8-24-94)~~

~~a. Ground waters not specified in Subsection 299.03.b. are designated and protected for potable water supplies unless the existing ground water quality precludes the economic feasibility of use as a domestic source due to natural or man-made causes as determined by the Department. In those cases, the ground water will be protected for other existing beneficial uses, if any, as determined by the Department;~~ ~~(8-24-94)~~

~~b. Designated beneficial uses for the Spokane Valley - Rathdrum Prairie Aquifer are domestic water supply, agricultural water supply and special resource water.~~ ~~(7-1-93)~~

~~**04. General Ground Water Quality Criteria**. The following general water quality criteria apply to all ground waters of the state in addition to the water quality standards set forth for specifically classified waters:~~
~~(8-24-94)~~

a. Hazardous materials (see Subsection 003.44) shall not occur in concentrations found to be of public health significance or to adversely affect designated beneficial uses. These materials do not include suspended sediment produced as a result of nonpoint source activities; (3-20-97)

b. Deleterious materials (see Subsection 003.20) shall not occur in concentrations that impair designated beneficial uses without being hazardous. These materials do not include suspended sediment produced as a result of nonpoint source activities; (3-20-97)

c. Radioactive materials or radioactivity shall not exceed the values listed in the Code of Federal Regulations Title 10, Chapter 1, Part 20, Appendix B, Table 2, Effluent Concentrations, Column 2. (8-24-94)

d. Radioactive materials or radioactivity shall not exceed concentrations required to meet the standards set forth in Title 10, Chapter 1, Part 20 of the Code of Federal Regulations for maximum exposure of critical human organs in the case of foodstuffs harvested from these waters for human consumption. (7-1-93)

05. Criteria For Water Supplies From Ground Water. (8-24-94)

a. Ground water designated and protected for domestic water supplies is to exhibit the following characteristics: TABLE - Maximum Allowable Concentrations for Selected Substances.

Substance	**Maximum Allowable Concentrations (mg/l)**	**Air Temperature (C)**
Arsenic	0.050	
Barium	1.000	
Cadmium	0.010	
Chromium	0.050	
Cyanide	0.200	
Fluoride*	2.400	Up to 12.0
	2.200	12.1 - 14.6
	2.000	14.7 - 17.6
	1.800	17.7 - 21.4
	1.600	21.5 - 26.1
	1.400	26.2 - 32.6
Lead	0.050	
Mercury	0.002	
Nitrate (as N)	10.000	
Selenium	0.010	
Silver	0.050	
Endrin	0.0002	
Lindane	0.004	
Methoxychlor	0.100	
Sodium	20.000**	

~~Substance~~	~~Maximum Allowable Concentrations (mg/l)~~	~~Air Temperature (C)~~
~~Toxaphene~~	~~0.005~~	
~~Trihalomethanes~~	~~0.100~~	
~~2,4-D~~	~~0.100~~	
~~2,4,5-TP Silvex~~	~~0.010~~	

~~* As determined by the average annual maximum daily air temperature for the area when the water is to be used.~~

~~** No maximum established; twenty (20) suggested as optimum.~~ ~~(3-20-97)~~

~~b. Ground water designated and protected for potable water supplies is not to exceed:~~ ~~(8-24-94)~~

~~i. Maximum allowable concentrations of substances specified in Subsection 299.05.a.~~ ~~(8-24-94)~~

~~ii. Secondary quality standards specified in Idaho Department of Health and Welfare Rules, IDAPA 16.01.08, Section 400, "Rules Governing Public Drinking Water Systems".~~ ~~(8-24-94)~~

~~iii. A coliform bacteria count of two (2) per hundred milliliter for any individual sample.~~ ~~(7-1-93)~~

~~iv. Turbidity measurements of five (5) nephelometric turbidity units (NTUs) for any individual sample.~~ ~~(7-1-93)~~

~~300. -- 349. (RESERVED).~~

~~9~~300. GAS SUPERSATURATION.

01. Applicability Of Gas Supersaturation Standard. The Director has the following authority: (7-1-93)

a. To specify the applicability of the gas supersaturation standard with respect to excess stream flow conditions; and (7-1-93)

b. To direct that all known and reasonable measures be taken to assure protection of the fishery resource; and (7-1-93)

c. To require that operational procedures or project modifications proposed for compliance for dissolved gas criterion do not contribute to increased mortalities to juvenile migrants or impose serious delays to adult migrant fishes. (7-1-93)

02. Interstate Agreements. In making determinations as to the applicability of gas supersaturation standards, the Director can seek and enter into agreements with adjoining state environmental regulatory agencies. (7-1-93)

03. Gas Supersaturation Control Program. Owners or operators of proposed water impoundment facilities subject to excessive spilling which can result in supersaturated water conditions must submit to the Department for approval a program for the detection and control of gas supersaturation. The program must include, but is not limited to: (7-1-93)

a. Time schedules for construction or installation of supersaturation control features and devices; and (7-1-93)

b. When required by the Department, a monitoring and reporting system insuring that supersaturated conditions are detected and reported to the Department. (7-1-93)

301. -- 349. (RESERVED).

350. RULES GOVERNING NONPOINT SOURCE ACTIVITIES.

01. Implementation Policy. (7-1-93)

a. Nonpoint sources ~~defined in Subsection 003.62~~ are the result of activities essential to the economic and social welfare of the state. The a real extent of most nonpoint source activities prevents the practical application of conventional wastewater treatment technologies. Nonpoint source pollution management, including best management practices, is a process for protecting the designated beneficial uses and ambient water quality. Best management practices should be designed, implemented and maintained to provide full protection or maintenance of beneficial uses. Violations of water quality standards which occur in spite of implementation of best management practices will not be subject to enforcement action. However, if subsequent water quality monitoring and surveillance by the Department, based on the criteria listed in Sections 200, ~~and~~ 250, 251, 252, 253, and 254, indicate water quality standards are not met due to nonpoint source impacts, even with the use of current best management practices, the practices will be evaluated and modified as necessary by the appropriate agencies in accordance with the provisions of the Administrative Procedure Act. If necessary, injunctive or other judicial relief may be initiated against the operator of a nonpoint source activity in accordance with the Director's authorities provided in Section 39-108, Idaho Code. In certain cases, revision of the water quality standards may be appropriate. ~~(3-20-97)~~( )

b. As provided in Subsections 350.01.a. and 350.02.a. for nonpoint source activities, failure to meet general or specific water quality criteria, or failure to fully protect a beneficial use, shall not be considered a violation of the water quality standards for the purpose of enforcement. Instead, water quality monitoring and surveillance of nonpoint source activities will be used to evaluate the effectiveness of best management practices in protecting beneficial uses as stated in Subsections 350.01.a. and 350.02.b. (12-31-91)

02. Limitation To Nonpoint Source Restrictions. Nonpoint source activities will be subject to the following: (7-1-93)

a. Except as provided in Subsections 350.02.b. and 350.02.c., so long as a nonpoint source activity is being conducted in accordance with applicable rules, regulations and best management practices as referenced in Subsection 350.03, or in the absence of referenced applicable best management practices, conducted in a manner that demonstrates a knowledgeable and reasonable effort to minimize resulting adverse water quality impacts, the activity will not be subject to conditions or legal actions based on Subsections 400.01.b. or 080.01. In all cases, if it is determined by the Director that imminent and substantial danger to the public health or environment is occurring, or may occur as a result of a nonpoint source by itself or in combination with other point or nonpoint source activities, then the Director may seek immediate injunctive relief to stop or prevent that danger as provided in Section 39-108, Idaho Code. (7-1-93)

b. If the Director determines through water quality monitoring and surveillance that water quality criteria are not being met, or that beneficial uses are being impaired as a result of a nonpoint source activity by itself or in combination with other point and nonpoint source activities then: (3-3-87)

i. For an activity occurring in a manner not in accordance with approved best management practices, or in a manner which does not demonstrate a knowledgeable and reasonable effort to minimize resulting adverse water quality impacts, the Director may with appropriate inter-Departmental coordination. (3-3-87)

(1) Prepare a compliance schedule as provided in Section 39-116, Idaho Code; and/or (2-2-83)

(2) Institute administrative or civil proceedings including injunctive relief under Section 39-108, Idaho Code. (3-3-87)

ii. For activities conducted in compliance with approved best management practices, or conducted in a manner which demonstrates knowledgeable and reasonable effort to minimize resulting adverse water quality

impacts, the Director may, with appropriate inter-Departmental coordination: (3-3-87)

(1) For those activities with approved best management practices as listed in Subsection 350.03 formally request that the responsible agency conduct a timely evaluation and modification of the practices to insure full protection of beneficial uses. (12-31-91)

(2) For all other nonpoint source activities which do not have approved best management practices as listed in Subsection 350.03, develop and recommend to the operator control measures necessary to fully protect the beneficial uses. Such control measures may be implemented on a voluntary basis, or where necessary, through appropriate administrative or civil proceedings. (12-31-91)

(3) If, in a reasonable and timely manner the approved best management practices are not evaluated or modified by the responsible agency, or if the appropriate control measures are not implemented by the operator, then the Director may seek injunctive relief to prevent or stop imminent and substantial danger to the public health or environment as provided in Section 39-108, Idaho Code. (3-3-87)

c. The Director may review for compliance project plans for proposed nonpoint source activities, based on whether or not the proposed activity will fully maintain or protect beneficial uses as listed in Sections 200, ~~and~~ 250, 251, 252, and 253. In the absence of relevant criteria in those Sections, the review for compliance will be based on whether or not the proposed activity: ~~(12-31-91)~~( )

i. Will comply with approved or specialized best management practices; and (3-3-87)

ii. Provides a monitoring plan which, when implemented, will provide information to the Director adequate to determine the effectiveness of the approved or specialized best management practices in protecting the beneficial uses of water; and (3-3-87)

iii. Provides a process for modifying the approved or site-specific best management practices in order to protect beneficial uses of water. (3-3-87)

d. For projects determined not to comply with those requirements, the plan may be revised and resubmitted for additional review by the Department. Any person aggrieved by a final determination of the Director may, within thirty (30) days, file a written request for a hearing before the Board in accordance with the Idaho Administrative Procedures Act. In all cases, implementation of projects detailed in a plan shall be conducted in a manner which will not result in imminent and substantial danger to the public health or environment. (3-3-87)

03. No Change To This Subsection.

04. No Change To This Subsection.

(BREAK IN CONTINUITY OF SECTIONS)

400. RULES GOVERNING POINT SOURCE DISCHARGES.

01. Implementation Policy. (7-1-93)

a. As provided for in Subsection 080.01, and Sections 200, 210, 250, 251, 252, 253, 275, and 400 for point source discharges, failure to meet general or specific water quality criteria is a violation of the water quality standards; ~~(8-24-94)~~( )

b. Except as noted in Section 400, no new point source can discharge pollutants, and no existing point source can increase its discharge of pollutants above the design capacity of its existing wastewater treatment facility, to any water designated as a special resource water or to a tributary of, or to the upstream segment of a special resource water: if pollutants significant to the designated beneficial uses can or will result in a reduction of the

ambient water quality of the receiving special resource water as measured immediately below the applicable mixing zone. (8-24-94)

c. For those point sources that normally require authorization, no unauthorized discharge from a point source shall occur to waters of the state. (8-24-94)

02. Limitations To Point Source Restrictions. (7-1-93)

a. So long as a point source discharge or wastewater treatment facility is regulated by the terms and conditions of an authorization pursuant to Subsection 080.02, a Board order, decree or compliance schedule, a valid NPDES permit issued by the EPA, or is subject to the provisions of Subsection 401.05, the discharge or facility will not be subject to additional restrictions or conditions based on Subsections 080.01, ~~200, 250,~~ or 400.01.b. and Sections 200, 210, 250, 251, 252, and 253. ~~(8-24-94)~~( )

b. The restrictions set forth in Subsection 400.01.b. are modified as follows: New point sources can discharge, and existing point sources can increase its discharge above the design capacity of its existing wastewater treatment facility, resulting in increases in water temperatures and fluoride concentrations up to levels needed to protect designated beneficial uses in the Boise River ~~(SWB 260)~~ between the bridge at Broadway Avenue and River Mile 50 (through Veteran's State Park). ~~(7-1-93)~~( )

03. No Change To This Subsection.

04. No Change To This Subsection.

05. No Change To This Subsection.

(BREAK IN CONTINUITY OF SECTIONS)

853. -- ~~8~~994. (RESERVED).

~~901. -- 994.~~ ~~(RESERVED).~~

995. INCORPORATION BY REFERENCE.
Codes, standards and regulations may be incorporated by reference in these rules pursuant to Section 67-5229, Idaho Code. Such incorporation by reference shall constitute full adoption by reference, including any notes or appendices therein, unless expressly provided otherwise in these rules. Copies of the codes, standards or regulations adopted by reference throughout these rules are available in the following locations: (8-24-94)

01. Department. ~~The Administrative Procedure Section,~~ Idaho Department of Health and Welfare, ~~Central Office~~ Division of Environmental Quality, ~~450 W. State Street~~ 1410 N. Hilton, Boise, Idaho 837~~20~~06-1255; ~~(7-1-93)~~( )

02. Law Library. State Law Library, 451 W. State Street, Boise, Idaho 83720. (7-1-93)

03. Federal Documents. Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. (8-24-94)

(BREAK IN CONTINUITY OF SECTIONS)

997. CONFIDENTIALITY OF RECORDS.
~~Any disclosure of i~~Information obtained by the Department under these rules is subject to ~~the restrictions contained in~~

public disclosure pursuant to the provisions of Chapter 3, Title 9, Idaho Code. Information submitted under a trade secret claim may be entitled to confidential treatment by the Department as provided in Section 9-342A, Idaho Code, and the ~~Idaho~~ Rules of the Department of Health and Welfare ~~Rules~~, IDAPA 16~~, Title 05, Chapter 01~~.01.21, "Rules GoverningtheProtectionandDisclosureof~~Department~~RecordsinthePossessionoftheDivisionofEnvironmentalQuality". ~~(7-1-93)~~( )

Subjects Affected Index

VOLUME 1 - IDAPA 01 THROUGH 15

VOLUME 2 - IDAPA 16 THROUGH 19

VOLUME 3 - IDAPA 20 THROUGH 59

Subject Index

T

U

V

W