

*Presented below are water quality standards that are in effect for Clean Water Act purposes.*

*EPA is posting these standards as a convenience to users and has made a reasonable effort to assure their accuracy. Additionally, EPA has made a reasonable effort to identify parts of the standards that are not approved, disapproved, or are otherwise not in effect for Clean Water Act purposes.*

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**IDAPA 58  
TITLE 01  
CHAPTER 02**

**58.01.02 - WATER QUALITY STANDARDS**

**000. LEGAL AUTHORITY.**

Pursuant to Sections 39-105 and 39-3601 et seq., Idaho Code, the Director is directed to formulate and recommend to the Board, such rules and regulations and standards as may be necessary to deal with the problems related to personal health and water pollution. The Director is further charged with the supervision and administration of a system to safeguard the quality of the waters of the state including the enforcement of standards relating to the discharge of effluent into the waters of the state. Authority to adopt rules, regulations and standards as are necessary and feasible to protect the environment and health of the citizens of the state is vested in the Board pursuant to Section 39-107, Idaho Code. (3-20-97)

**001. TITLE AND SCOPE.**

**01. Title.** These rules shall be cited as Rules of the Department of Environmental Quality, IDAPA 58.01.02, "Water Quality Standards." (4-11-06)

**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 public health and 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. (4-2-03)

**002. WRITTEN INTERPRETATIONS.**

As described in Section 67-5201(19)(b)(iv), Idaho Code, the Department of Environmental Quality may have written statements which pertain to the interpretation of these rules. If available, such written statements can be inspected and copied at cost at the Department of Environmental Quality, 1410 N. Hilton, Boise, Idaho 83706-1255. (4-11-06)

**003. ADMINISTRATIVE PROVISIONS.**

Persons may be entitled to appeal agency actions authorized under these rules pursuant to IDAPA 58.01.23, "Rules of Administrative Procedure Before the Board of Environmental Quality." (3-15-02)

**004. 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.** Idaho Department of Environmental Quality, 1410 N. Hilton, Boise, Idaho 83706-1255, [www.deq.idaho.gov](http://www.deq.idaho.gov); (4-5-00)

**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. (4-11-06)

**005. OFFICE HOURS -- MAILING ADDRESS AND STREET ADDRESS.**

The state office of the Department of Environmental Quality and the office of the Board of Environmental Quality are located at 1410 N. Hilton, Boise, Idaho 83706-1255, telephone number (208) 373-0502. The office hours are 8 a.m. to 5 p.m. Monday through Friday. (4-11-06)

**006. CONFIDENTIALITY OF RECORDS.**

Information obtained by the Department under these rules is subject to 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 Rules of the Department of Environmental Quality, IDAPA 58.01.21, "Use and Disclosure of Records in the Possession of the Department of Environmental Quality." (4-5-00)

**007. -- 009. (RESERVED)**

**010. DEFINITIONS.**

For the purpose of the rules contained in IDAPA 58.01.02, "Water Quality Standards," the following definitions apply: (4-11-06)

**01. Activity.** For purposes of antidegradation review, an activity that causes a discharge to a water subject to the jurisdiction of the Clean Water Act. (3-18-11)

**02. Acute.** A stimulus severe enough to induce a rapid response. In aquatic toxicity tests, acute refers to a single or short-term (i.e., ninety-six (96) hours or less) exposure to a concentration of a toxic substance or effluent which results in death to fifty percent (50%) of the test organisms. When referring to human health, an acute effect is not always measured in terms of lethality. (3-30-07)

**03. Acute Criteria.** Unless otherwise specified in these rules, 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 due to exposure to the toxic substance or effluent. Acute criteria are expected to adequately protect the designated aquatic life use if not exceeded more than once every three (3) years. This is also known as the Criterion Maximum Concentration (CMC). There are no specific acute criteria for human health; however, the human health criteria are based on chronic health effects and are expected to adequately protect against acute effects. (3-30-07)

**04. 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)

**05. Assigned Criteria.** Criteria associated with beneficial uses from Section 100 of these rules. (3-18-11)

**06. 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)

**07. Basin Advisory Group.** No less than one (1) 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)

**08. 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)

**09. 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. 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. 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)
- 12. Board.** The Idaho Board of Environmental Quality. (7-1-93)
- 13. Chronic.** A stimulus that persists or continues for a long period of time relative to the life span of an organism. In aquatic toxicity tests, chronic refers to continuous exposure to a concentration of a toxic substance or effluent which results in mortality, injury, reduced growth, impaired reproduction, or other adverse effect to aquatic organisms. The test duration is long enough that sub-lethal effects can be reliably measured. When referring to human health, a chronic effect is usually measured in terms of estimated changes in rates (# of cases/ 1000 persons) of illness over a lifetime of exposure. (3-30-07)
- 14. Chronic Criteria.** Unless otherwise specified in these rules, 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 due to exposure to the toxic substance or effluent. Chronic criteria are expected to adequately protect the designated aquatic life use if not exceeded more than once every three (3) years. This is also known as the Criterion Continuous Concentration (CCC). Human health chronic criteria are based on lifetime exposure. (3-30-07)
- 15. 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)
- 16. Cost-Effective and Reasonable Best Management Practices (BMPs) for Nonpoint Sources.** All approved BMPs specified in Subsections 350.03 and 055.07 of these rules. BMPs for activities not specified are, in accordance with Section 350, determined on a case-by-case basis. (3-18-11)
- 17. Daily Maximum (Minimum).** The highest (lowest) value measured during one (1) calendar day or a twenty-four (24) hour period, as appropriate. For ambient monitoring of dissolved oxygen, pH, and temperature, multiple measurements should be obtained at intervals short enough that the difference between consecutive measurements around the daily maximum (minimum) is less than zero point two (0.2) ppm for dissolved oxygen, zero point one (0.1) SU for pH, or zero point five (0.5) degree C for temperature. (3-30-07)
- 18. 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)
  - d.** For ambient monitoring of temperature, the daily mean should be calculated from equally spaced measurements, at intervals such that the difference between any two (2) consecutive measurements does not exceed one point zero (1.0) degree C. (3-30-07)
- 19. Degradation or Lower Water Quality.** “Degradation” or “lower water quality” means, for purposes of antidegradation review, a change in a pollutant that is adverse to designated or existing uses, as calculated

for a new point source, and based upon monitoring or calculated information for an existing point source increasing its discharge. Such degradation shall be calculated or measured after appropriate mixing of the discharge and receiving water body. (3-29-12)

**20. 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. Department.** The Idaho Department of Environmental Quality. (7-1-93)

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

**23. 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. Designated Beneficial Use or Designated Use.** Those beneficial uses assigned to identified waters in Idaho Department of Environmental Quality Rules, IDAPA 58.01.02, "Water Quality Standards and Wastewater Treatment Requirements," Sections 110 through 160, whether or not the uses are being attained. (4-5-00)

**25. Desirable Species.** Species indigenous to the area or those introduced species identified as desirable by the Idaho Department of Fish and Game. (3-15-02)

**26. Director.** The Director of the Idaho Department of Environmental Quality or his authorized agent. (7-1-93)

**27. Discharge.** When used without qualification, any spilling, leaking, emitting, escaping, leaching, or disposing of a pollutant into the waters of the state. For purposes of antidegradation review, means "discharge" as used in Section 401 of the Clean Water Act. (3-18-11)

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

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

**30. 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)

**31. E. coli (Escherichia coli).** A common fecal and intestinal organism of the coliform group of bacteria found in warm-blooded animals. (4-5-00)

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

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

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

**35. Ephemeral Waters.** A stream, reach, or water body that flows naturally only in direct response to precipitation in the immediate watershed and whose channel is at all times above the water table. (4-11-06)

**36. Existing Activity or Discharge.** An activity or discharge that has been previously authorized or did not previously require authorization. (3-18-11)



**37. 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 Environmental Quality Rules, IDAPA 58.01.02, "Water Quality Standards." (4-11-06)

**38. 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)

**39. Four Day Average.** The average of all measurements within a period of ninety-six (96) consecutive hours. While a minimum of one (1) measurement per each twenty-four (24) hours is preferred, for toxic chemicals in Section 210, any number of data points is acceptable. (3-30-07)

**40. 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)

**41. 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) or where no major biological group such as fish, macroinvertebrates, or algae has been modified by human activities significantly beyond the natural range of the reference streams or conditions approved by the Director in consultation with the appropriate basin advisory group. (3-15-02)

**42. General Permit.** An NPDES permit issued by the U.S. Environmental Protection Agency authorizing a category of discharges under the federal Clean Water Act or a nationwide or regional permit issued by the U.S. Army Corps of Engineers under the federal Clean Water Act. (3-29-12)

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

**44. Ground Water.** Any water of the state which occurs beneath the surface of the earth in a saturated geological formation of rock or soil. (3-30-07)

**45. 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)

**46. 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)

**47. Highest Statutory and Regulatory Requirements for Point Sources.** All applicable effluent limits required by the Clean Water Act and other permit conditions. It also includes any compliance schedules or consent orders requiring measures to achieve applicable effluent limits and other permit conditions required by the Clean Water Act. (3-18-11)

**48. 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. (4-5-00)

**49. 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 (1) or more excursions below the design flow can occur. (8-24-94)

**50. Hypolimnion.** The bottom layer in a thermally-stratified body of water. It is fairly uniform in

temperature and lays beneath a zone of water which exhibits a rapid temperature drop with depth such that mixing with overlying water is inhibited. (3-30-07)

**51. Integrated Report.** Refers to the consolidated listing and reporting of the state's water quality status pursuant to Sections 303(d), 305(b), and 314 of the Clean Water Act. (3-18-11)

**52. 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)

**53. Intermittent Waters.** A stream, reach, or water body which naturally 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 unregulated flow of less than one-tenth (0.1) cubic feet per second (cfs) is considered intermittent. Streams with natural perennial pools containing significant aquatic life uses are not intermittent. (4-11-06)

**54. 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)

**55. 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)

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

**57. Lowest Observed Effect Concentration (LOEC).** The lowest concentration of a toxic substance or an effluent that results in observable adverse effects in the aquatic test population. (3-30-07)

**58. Man-Made Waterways.** Canals, flumes, ditches, wasteways, drains, laterals, and/or associated features, constructed for the purpose of water conveyance. This may include channels modified for such purposes prior to November 28, 1975. These waterways may have uniform and rectangular cross-sections, straight channels, follow rather than cross topographic contours, be lined to reduce water loss, and be operated or maintained to promote water conveyance. (3-30-07)

**59. Maximum Weekly Maximum Temperature (MWMT).** The weekly maximum temperature (WMT) is the mean of daily maximum temperatures measured over a consecutive seven (7) day period ending on the day of calculation. When used seasonally, e.g., spawning periods, the first applicable WMT occurs on the seventh day into the time period. The MWMT is the single highest WMT that occurs during a given year or other period of interest, e.g., a spawning period. (3-30-07)

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

**61. 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)

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

**63. Natural Background Conditions.** The physical, chemical, biological, or radiological conditions existing in a water body without human sources of pollution within the watershed. Natural disturbances including, but not limited to, wildfire, geologic disturbance, diseased vegetation, or flow extremes that affect the physical, chemical, and biological integrity of the water are part of natural background conditions. Natural background conditions should be described and evaluated taking into account this inherent variability with time and place. (3-30-07)

**64. 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)

**65. New Activity or Discharge.** An activity or discharge that has not been previously authorized. Existing activities or discharges not currently permitted or licensed will be presumed to be new unless the Director determines to the contrary based on review of available evidence. An activity or discharge that has previously taken place without need for a license or permit is not a new activity or discharge when first licensed or permitted. (3-18-11)

**66. 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)

**67. 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)

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

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

**70. 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)

**71. Operator.** For purposes of Sections 851 and 852, any person presently or who was at any time during a release in control of, or having responsibility for, the daily operation of the petroleum storage tank (PST) system. (4-2-03)

**72. 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)

**73. 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)

**74. Owner.** For purposes of Sections 851 and 852, any person who owns or owned a petroleum storage tank (PST) system any time during a release and the current owner of the property where the PST system is or was located. (4-2-03)

**75. Permit or License.** A permit or license for an activity that is subject to certification by the state under Section 401 of the Clean Water Act, including, for example, NPDES permits, dredge and fill permits, and FERC licenses. (3-18-11)

**76. 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)

**77. Petroleum Products.** Products derived from petroleum through various refining processes. (7-1-93)

**78. Petroleum Storage Tank (PST) System.** Any one (1) 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)

**79. 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)

**80. Pollutant.** Dredged spoil, solid waste, incinerator residue, sewage, garbage, sewage sludge, unitions, 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)

**81. 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)

**82. Public Swimming Beaches.** Areas indicated by features such as signs, swimming docks, diving boards, slides, or the like, boater exclusion zones, map legends, collection of a fee for beach use, or any other unambiguous invitation to public swimming. Privately owned swimming docks or the like which are not open to the general public are not included in this definition. (4-11-06)

**83. Receiving Waters.** Those waters which receive pollutants from point or nonpoint sources. (7-1-93)

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

**86. 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. 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. Sediment.** Undissolved inorganic matter. (3-30-07)

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

**90. 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)

**91. Short-Term or Temporary Activity.** An activity which is as short as possible but lasts for no more than one (1) year, 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. (3-30-07)

**92. 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)

- 93. Sludge.** The semi-liquid mass produced by partial dewatering of potable or spent process waters or wastewater. (7-1-93)
- 94. 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)
- 95. State.** The state of Idaho. (7-1-93)
- 96. 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)
- 97. Suspended Sediment.** The undissolved inorganic fraction of matter suspended in surface water. (3-30-07)
- 98. Suspended Solids.** The undissolved organic and inorganic matter suspended in surface water. (3-30-07)
- 99. 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)
- 100. 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)
- 101. 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)
- 102. 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)
- 103. Treatment.** A process or activity conducted for the purpose of removing pollutants from wastewater. (7-1-93)
- 104. 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. A treatment system may also be known as a treatment facility. (4-11-06)
- 105. 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)
- 106. 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)

**107. 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)

**108. 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)

**109. Water Body Unit.** Includes all named and unnamed tributaries within a drainage and is considered a single unit unless designated otherwise. (4-5-00)

**110. 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)

**111. 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)

**112. 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)

**113. 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)

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

**115. 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)

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

**117. Zone of Initial Dilution (ZID).** An area within a Department authorized mixing zone where acute criteria may be exceeded. This area should be as small as practicable and assure that drifting organisms are not exposed to acute concentrations for more than one (1) hour more than once in three (3) years. The actual size of the ZID will be determined by the Department for a discharge on a case-by-case basis, taking into consideration mixing zone modeling and associated size recommendations and any other pertinent chemical, physical, and biological data available. (4-11-06)

**011. -- 049. (RESERVED)**

**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 life; (4-5-00)

**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 a Continuing Planning 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 comprise the State's Water Quality Management Plan. (4-5-00)

**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)

**051. ANTIDegradation Policy.**

**01. Maintenance of Existing Uses for All Waters (Tier I Protection).** The existing in stream water uses and the level of water quality necessary to protect the existing uses shall be maintained and protected. (3-18-11)

**02. High Quality Waters (Tier II Protection).** Where the quality of the waters exceeds levels necessary to support propagation of fish, shellfish and wildlife and recreation in and on the water, that quality shall be maintained and protected unless the Department finds, after full satisfaction of the intergovernmental coordination and public participation provisions of the Department's continuing planning process, that allowing lower water quality is necessary to accommodate important economic or social development in the area in which the waters are located. In allowing such degradation or lower water quality, the Department shall assure water quality adequate to protect existing uses fully. Further, the Department shall assure that there shall be achieved the highest statutory and regulatory requirements for all new and existing point sources and cost-effective and reasonable best management practices for nonpoint source control. In providing such assurance, the Department may enter together into an agreement with other state of Idaho or federal agencies in accordance with Sections 67-2326 through 67-2333, Idaho Code. (3-18-11)

**03. Outstanding Resource Waters (Tier III Protection).** Where an outstanding resource water has been designated by the legislature, that water quality shall be maintained and protected from the impacts of point and nonpoint source activities. (3-29-12)

**04. Thermal Discharges.** In those cases where potential water quality impairment associated with a thermal discharge is involved, antidegradation shall be implemented consistent with Section 316 of the Clean Water Act. (3-18-11)



**05. Waters Subject to the Antidegradation Policy.** Idaho's antidegradation policy only applies to waters subject to the jurisdiction of the Clean Water Act. (3-18-11)

**052. ANTIDEGRADATION IMPLEMENTATION.**  
The antidegradation policy shall be implemented as follows: (3-18-11)

**01. Waters Protected.** All waters receive Tier I protection. Waters receiving Tier II protection will be identified using a water body by water body approach during the antidegradation review. Waters given Tier III protection are designated in law. (3-18-11)

**02. Restoration Projects.** Changes in water quality may be allowed by the Department without an antidegradation review where determined necessary to secure long-term water quality improvement through restoration projects designed to trend toward natural characteristics and associated uses to a water body where those characteristics and uses have been lost or diminished. Restoration projects shall implement best management practices. (3-18-11)

**03. General Permits.** For general permits issued on or after July 1, 2011, the Department will conduct an antidegradation review, including any required Tier II analysis, at the time at which general permits are certified. For general permits that the Department determines adequately address antidegradation, review of individual applications for coverage will not be required unless it is required by the general permit. For general permits that the Department determines do not adequately address antidegradation, the Department may conclude that other conditions, such as the submittal of additional information or individual certification at the time an application is submitted for coverage under a general permit, may be necessary in the general permit to provide reasonable assurance of compliance with the antidegradation policy. If supported by the permit record, the Department may also presume that discharges authorized under a general permit are insignificant or that the pollution controls required in the general permit are the least degrading alternative as specified in Subsection 052.08.c. (3-29-12)

**04. Initiation of Antidegradation Review.** Review of degradation potential and application of the appropriate level of protection from degradation will be triggered by an application for a new or reissued permit or license. (3-18-11)

**05. Identification of Tier II Waters.** The Department will utilize a water body by water body approach in determining where Tier II protection is appropriate in addition to Tier I protection. This approach shall be based on an assessment of the chemical, physical, biological and other information regarding the water body. The most recent federally approved Integrated Report and supporting data will be used to determine the appropriate level of protection as follows: (3-29-12)

**a.** Water bodies identified in the Integrated Report as fully supporting assessed uses will be provided Tier II protection. (3-29-12)

**b.** Water bodies identified in the Integrated Report as not assessed will be provided an appropriate level of protection on a case-by-case basis using information available at the time of a proposal for a new or reissued permit or license. (3-29-12)

**c.** Water bodies identified in the Integrated Report as not fully supporting assessed uses will receive Tier I protection for the impaired aquatic life or recreational use, except as follows: (3-29-12)

**i.** For aquatic life uses identified as impaired for dissolved oxygen, pH or temperature, if biological or aquatic habitat parameters show a healthy, balanced biological community is present, as described in the "Water Body Assessment Guidance" published by the Idaho Department of Environmental Quality, then the water body shall receive Tier II protection for aquatic life uses. (3-29-12)

**ii.** For recreational uses, if water quality data show compliance with those levels of water quality criteria listed in Sections 200, 210, 251, and 275 (where applicable), then the water body shall receive Tier II protection for recreational uses. (3-29-12)

**06. Evaluation of Effect of an Activity or Discharge on Water Quality.** The Department will

evaluate the effect on water quality for each pollutant. The Department will determine whether an activity or discharge results in an improvement, no change, or degradation of water quality. (3-18-11)

**a.** Effect on water quality will be based on the calculated change in concentration in the receiving water as a result of a new or reissued permit or license. With respect to a discharge, this calculation will take into account dilution using appropriate mixing of the receiving water under critical conditions coupled with the design flow of the discharge. For a reissued permit or license, the calculated change will be the difference in water quality that would result from the activity or discharge as authorized in the current permit or license and the water quality that would result from the activity or discharge as proposed in the reissued permit or license. For a new permit or license, the calculated change will be the difference between the existing receiving water quality and water quality that would result from the activity or discharge as proposed in the new permit or license. (3-18-11)

**i.** Current Discharge Quality. For pollutants that are currently limited, current discharge quality shall be based on limits in the current permit or license. For pollutants not currently limited, current discharge quality shall be based on available discharge quality data collected within five years of the application for a permit or license or other relevant information. (3-18-11)

**ii.** Proposed Quality for an Existing Discharge. Future discharge quality shall be based on proposed permit limits. For pollutants not limited in the proposed permit or license, future discharge quality will be estimated from available discharge quality data since the last permit or license was issued accounting for any changes in production, treatment or operation. For the proposed discharge of a new pollutant or a proposed increased discharge of a pollutant, future discharge quality will be estimated based on information provided by the applicant or other relevant information. (3-18-11)

**iii.** New Permit Limits for an Existing Discharge. When new permit limits are proposed for the first time for a pollutant in an existing discharge, then for purposes of calculating the change in water quality, any statistical procedures used to derive the proposed new limits will be applied to past discharge quality as well, where appropriate. (3-18-11)

**iv.** Proposed Quality for a New Discharge. Future discharge quality shall be based on proposed permit limits. For pollutants not limited in the proposed permit or license, future discharge quality will be based on information provided by the applicant or other relevant information. (3-18-11)

**b.** Receiving water quality will be the quality measured, or modeled as appropriate, immediately above the discharge for flowing waters and outside any Department authorized mixing zone for lakes and reservoirs. (3-18-11)

**c.** Offsets. In determining the effect of an activity or discharge on water quality of Tier II or Tier III waters, the Department may take into account reductions in pollution from other sources that are tied to the proposed activity or discharge. These offsets in pollution must be upstream of the degradation in water quality due to the proposed activity or discharge and occur before the activity or discharge is allowed to begin. The applicant seeking a permit or license for an activity or discharge based on offsets will be held responsible for assuring offsets are achieved and maintained as a condition of their permit or license. (3-18-11)

**07. Tier I Review.** Tier I review will be performed for all new or reissued permits or licenses. Existing uses and the water quality necessary to protect the existing uses must always be maintained and protected. No degradation or lowering of water quality may be allowed that would cause or contribute to violation of water quality criteria as calculated after authorized mixing of the discharge with the receiving water. Identification of existing uses and the water quality necessary for their protection will be based on all available information, including any water quality related data and information submitted during the public comment period for the permit or license. (3-18-11)

**08. Tier II Analysis.** A Tier II analysis will only be conducted for activities or discharges, subject to a permit or a license, that cause degradation. The Department may allow significant degradation of surface water quality that is better than assigned criteria only if it is determined to be necessary to accommodate important economic or social development in the area in which the waters are located. The process and standard for this determination are set forth below. (3-18-11)

**a.** Insignificant Activity or Discharge. The Department shall consider the size and character of an activity or discharge or the magnitude of its effect on the receiving stream and shall determine whether it is insignificant. If an activity or discharge is determined to be insignificant, then no further Tier II analysis for other source controls (Subsection 052.08.b.), alternatives analysis (Subsection 052.08.c.) or socioeconomic justification (Subsection 052.08.d.) is required. (3-29-12)

i. The Department shall determine insignificance when the proposed change in an activity or discharge, from conditions as of July 1, 2011, will not cumulatively decrease assimilative capacity by more than ten percent (10%). (3-29-12)

ii. The Department may request additional information from the applicant in making a determination whether a proposed change in an activity or discharge is insignificant. (3-29-12)

**b.** Other Source Controls. In allowing any degradation of high water quality, the Department must assure that there shall be achieved in the watershed the highest statutory and regulatory requirements for all new and existing point sources and cost-effective and reasonable best management practices for all nonpoint source controls. In providing such assurance, the Department may enter together into an agreement with other State of Idaho or federal agencies in accordance with Sections 67-2326 through 67-2333, Idaho Code. (3-18-11)

**c.** Alternatives Analysis. Degradation will be deemed necessary only if there are no reasonable alternatives to discharging at the levels proposed. The applicant seeking authorization to degrade high water quality must provide an analysis of alternatives aimed at selecting the best combination of site, structural, managerial and treatment approaches that can be reasonably implemented to avoid or minimize the degradation of water quality. To identify the least degrading alternative that is reasonable, the following principles shall be followed: (3-18-11)

i. Controls to avoid or minimize degradation should be considered at the earliest possible stage of project design. (3-18-11)

ii. Alternatives that must be evaluated as appropriate, are: (3-18-11)

(1) Relocation or configuration of outfall or diffuser; (3-18-11)

(2) Process changes/improved efficiency that reduces pollutant discharge; (3-18-11)

(3) Seasonal discharge to avoid critical time periods for water quality; (3-18-11)

(4) Non-discharge alternatives such as land application; and (3-18-11)

(5) Offsets to the activity or discharge's effect on water quality. (3-18-11)

iii. The Department retains the discretion to require the applicant to examine specific alternatives or provide additional information to conduct the analysis. (3-18-11)

iv. In selecting the preferred alternative the applicant shall: (3-18-11)

(1) Evaluate economic impacts (total cost effectiveness, incremental cost effectiveness) of all technologically feasible alternatives; (3-18-11)

(2) Rank all technologically feasible treatment alternatives by their cost effectiveness at pollutant reduction; (3-18-11)

(3) Consider the environmental costs and benefits across media and between pollutants; and (3-18-11)

(4) Select the least degrading option or show that a more degrading alternative is justified based on Subsections 052.08.c.iv.(1), 052.08.c.iv.(2), or 052.08.c.iv.(3) above. (3-29-12)

**d.** Socioeconomic Justification. Degradation of water quality deemed necessary must also be

determined by the Department to accommodate important economic or social development. Therefore, the applicant seeking authorization to degrade water quality must at a minimum identify the important economic or social development for which lowering water quality is necessary and should use the following steps to demonstrate this: (3-18-11)

- i. Identify the affected community; (3-18-11)
- ii. Describe the important social or economic development associated with the activity which can include cleanup/restoration of a closed facility; (3-18-11)
- iii. Identify the relevant social, economic and environmental health benefits and costs associated with the proposed degradation in water quality for the preferred alternative. Benefits and costs that must be analyzed include, but are not limited to: (3-18-11)
  - (1) Economic benefits to the community such as changes in employment, household incomes and tax base; (3-18-11)
  - (2) Provision of necessary services to the community; (3-18-11)
  - (3) Potential health impacts related to the proposed activity; (3-18-11)
  - (4) Impacts to direct and indirect uses associated with high quality water, e.g., fishing, recreation, and tourism; and (3-18-11)
  - (5) Retention of assimilative capacity for future activities or discharges. (3-18-11)
- iv. Factors identified in the socioeconomic justification should be quantified whenever possible but for those factors that cannot be quantified a qualitative description of the impacts may be accepted; and (3-18-11)
- v. If the Department determines that more information is required, then the Department may require the applicant to provide further information or seek additional sources of information. (3-18-11)
- e. Process. (3-18-11)
  - i. Analysis. The Department in cooperation with State of Idaho designated management agencies and/or federal agencies will collect information regarding the other source controls specified in Subsection 052.08.b. The applicant for a new or reissued permit or license is responsible for providing information pertinent to determining significance/insignificance of proposed changes in water quality and completing an alternatives analysis and socioeconomic justification as appropriate and submitting them to the Department for review. (3-29-12)
  - ii. Departmental review. The Department shall review all pertinent information and, after intergovernmental coordination, public notice and input, make a determination as to whether there is assurance that the other source controls specified in Subsection 052.08.b. shall be achieved, and whether degradation of water quality is necessary to accommodate important economic or social development. (3-29-12)
  - iii. Public Involvement. The Department will satisfy the public participation provisions of Idaho's continuing planning process. Public notice and review of antidegradation will be coordinated with existing 401 certification notices for public review. (3-18-11)

**09. Tier III - Outstanding Resource Waters (ORWs).** ORWs are designated by the legislature. Subsection 052.09 describes the nomination, public notice and comment, public hearing, and board review process for directing the Department to develop legislation designating ORWs. Only the legislature may designate ORWs. Once designated by the legislature, the ORWs are listed in these rules. (3-18-11)

**a.** Nominations. Any person may request, in writing to the board, that a stream segment be considered for designation as an Outstanding Resource Water. To be considered for ORW designation, nominations must be received by the board by April 1 or ten (10) days after the adjournment sine die of that year's regular session of the

legislature, whichever is later, for consideration during the next regular session of the legislature. All nominations shall be addressed to:

Idaho Board of Environmental Quality  
Department of Environmental Quality  
Outstanding Resource Water Nomination  
1410 N. Hilton  
Boise, Idaho 83706-1255

The nomination shall include the following information: (3-18-11)

- i. The name, description and location of the stream segment; (3-18-11)
- ii. The boundaries upstream and downstream of the stream segment; (3-18-11)
- iii. An explanation of what makes the segment a candidate for the designation; (3-18-11)
- iv. A description of the existing water quality and any technical data upon which the description is based as can be found in the most current basin status reports; (3-18-11)
- v. A discussion of the types of nonpoint source activities currently being conducted that may lower water quality, together with those activities that are anticipated during the next two (2) years, as described in the most current basin status reports; and (3-18-11)
- vi. Any additional evidence to substantiate such a designation. (3-18-11)

**b. Public Notice and Public Comment.** The board will give public notice that one (1) or more stream segments are being considered for recommendation to the legislature as outstanding resource waters. Public notice will also be given if a public hearing is being held. Public comments regarding possible designation will be accepted by the board for a period of at least forty-five (45) days. Public comments may include, but are not limited to, discussion of socioeconomic considerations; fish, wildlife or recreational values; and other beneficial uses. (3-18-11)

**c. Public Hearing.** A public hearing(s) may be held at the board's discretion on any stream segment nominated for ORW designation. Public notice will be given if a hearing is held. The decision to hold a hearing may be based on the following criteria: (3-18-11)

- i. One (1) or more requests contain supporting documentation and valid reasons for designation; (3-18-11)
- ii. A stream segment is generally recognized as constituting an outstanding national resource, such as waters of national and state parks, and wildlife refuges; (3-18-11)
- iii. A stream segment is generally recognized as waters of exceptional recreational or ecological significance; (3-18-11)
- iv. The board shall give special consideration to holding a hearing and to recommending for designation by the legislature, waters which meet criteria found in Subsections 052.09.c.ii. and 052.09.c.iii.; (3-29-12)
- v. Requests for a hearing will be given due consideration by the board. Public hearings may be held at the board's discretion. (3-18-11)

**d. Board Review.** The board shall review the stream segments nominated for ORW designation and based on the hearing or other written record, determine the segments to recommend as ORWs to the legislature. The board shall submit a report for each stream segment it recommends for ORW designation. The report shall contain the information specified in Subsection 052.09.a. and information from the hearing record or other written record

concerning the impacts the designation would have on socioeconomic conditions; fish, wildlife and recreational values; and other beneficial uses. The Department shall then prepare legislation for each segment that will be recommended to the legislature as an ORW. The legislation shall provide for the listing of designated segments in these rules without the need for formal rulemaking procedures, pursuant to Sections 67-5201, et seq., Idaho Code. (3-29-12)

**e.** Designated Waters. Those stream segments designated by the legislature as ORWs are listed in Sections 110 through 160. (3-18-11)

**f.** Restriction of Nonpoint Source Activities on ORWs. Nonpoint source activities on ORWs shall be restricted as follows: (3-18-11)

**i.** The water quality of ORWs shall be maintained and protected. After the legislature has designated a stream segment as an outstanding resource water, no person shall conduct a new or substantially modify an existing nonpoint source activity that can reasonably be expected to lower the water quality of that ORW, except for conducting short term or temporary nonpoint source activities which do not alter the essential character or special uses of a segment, allocation of water rights, or operation of water diversions or impoundments. Stream segments not designated as ORWs that discharge directly into an ORW shall not be subject to the same restrictions as an ORW, nor shall the ORW mixing zone be subject to the same restrictions as an ORW. A person may conduct a new or substantially modify an existing nonpoint source activity that can reasonably be expected to lower the water quality of a tributary or stream segment, which discharges directly into an ORW or an ORW mixing zone, provided that the water quality of that ORW below the mixing zone shall not be lowered. (3-18-11)

**ii.** After the legislature has designated a stream segment as an outstanding resource water as outlined in Subsection 052.09.e., existing nonpoint source activities may continue and shall be conducted in a manner that maintains and protects the current water quality of an ORW. The provisions of this section shall not affect short term or temporary activities that do not alter the essential character or special uses of a segment, allocation of water rights, or operations of water diversions or impoundments, provided that such activities shall be conducted in conformance with applicable laws and regulations. (3-29-12)

**g.** Restriction of Point Source Discharges to ORWs. The water quality of ORWs shall be maintained and protected. Point source discharges that may cause degradation to ORWs may be allowed only if they are offset by reductions in other discharges per Subsection 052.06.c. (3-29-12)

**053. PUBLIC PARTICIPATION.**

In providing general coordination of water quality programs within each basin, in carrying out the duties of the Basin Advisory Groups as assigned, and in carrying out the provisions of Sections 39-3601, et seq., Idaho Code, the Director and the Basin Advisory Groups shall employ all means of public involvement deemed necessary, including the public involvement required under Section 67-2340 through Section 67-2347, Idaho Code, Section 051 of this rule or required in Chapter 52, Title 67, Idaho Code, and shall cooperate fully with the public involvement or planning processes of other appropriate public agencies. (3-20-97)

**054. 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 and in the current version of the "Water Body Assessment Guidance," as published by the Idaho Department of Environmental Quality, as a guide to assist in the assessment of beneficial use status. Revisions to this guidance will be made after notice and an opportunity for public comment. These parameters are not to be considered or treated as individual water quality criteria or otherwise interpreted or applied as water quality standards. The Department shall employ a weight of evidence approach in evaluating a combination of water quality data types (including, but not limited to, aquatic habitat and biological parameters), when such a combination of data are available, in making its final use support determination. (3-30-07)

**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. (3-30-07)

**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)

**03. Use of Data Regarding pH, Turbidity, Dissolved Oxygen, and Temperature.** In making use support determinations, the Department may give less weight to departures from criteria in Section 250 for pH, turbidity, dissolved oxygen, and temperature that are infrequent, brief, and small if aquatic habitat and biological data indicate to the assessor that aquatic life beneficial uses are otherwise supported. Unless otherwise determined by the Department, “infrequent” means less than ten percent (10%) of valid, applicable, representative measurements when continuous data are available; “brief” means two (2) hours or less; and “small” means conditions that avoid acute effects. Subsection 054.03 only applies to use of this data for determination of beneficial use support status. Subsection 054.03 does not apply to or affect the application of criteria for any other regulatory purpose including, but not limited to, determining whether a particular discharge or activity violates water quality standards. (3-18-11)

**04. Natural Conditions.** There is no impairment of beneficial uses or violation of water quality standards where natural background conditions exceed any applicable water quality criteria as determined by the Department, and such natural background conditions shall not, alone, be the basis for placing a water body on the list of water quality limited water bodies described in Section 055. (3-18-11)

**05. Rigor, Quality and Relevance of Data.** In making any use support determination, the Department shall consider the scientific rigor associated with the collection of samples or data (e.g., the scientific methods used to collect samples or data); the quality of measurements and/or analysis of the samples (e.g., methodology, instrumentation, accuracy, precision, and limits of detection where applicable); and the relevance of the data (e.g., the relationship to a water quality standard, beneficial use or cause of impairment, and how representative the samples or data are of the water body in question). (3-30-07)

**055. WATER QUALITY LIMITED WATERS AND TMDLS.**

**01. After Determining That Water Body Does Not Support Use.** After determining that a water body does not fully support designated or existing beneficial uses in accordance with Section 054, the Department, in consultation with the applicable basin and watershed advisory groups, shall evaluate whether the application of required pollution controls to sources of pollution affecting the impaired water body would restore the water body to full support status. This evaluation may include the following: (3-18-11)

**a.** Identification of significant sources of pollution affecting the water body by past and present activities; (3-20-97)

**b.** Determination of whether the application of required or cost-effective interim pollution control strategies to the identified sources of pollution would restore the water body to full support status within a reasonable period of time; (3-20-97)

**c.** Consultation with appropriate basin and watershed advisory groups, designated agencies and landowners to determine the feasibility of, and assurance that required or cost-effective interim pollution control strategies can be effectively applied to the sources of pollution to achieve full support status within a reasonable period of time; (3-20-97)

**d.** If pollution control strategies are applied as set forth in this Section, the Department shall subsequently monitor the water body to determine whether application of such pollution controls were successful in restoring the water body to full support status. (3-20-97)

**02. Water Bodies Not Fully Supporting Beneficial Uses.** After following the process identified in Subsection 055.01, water bodies not fully supporting designated or existing beneficial uses and not meeting applicable water quality standards despite the application of required pollution controls shall be identified by the Department as water quality limited water bodies, and shall require the development of TMDLs or other equivalent processes, as described under Section 303(d)(1) of the Clean Water Act. A list of water quality limited water bodies

shall be published periodically by the Department in accordance with Section 303(d) of the Clean Water Act and be subject to public review prior to submission to EPA for approval. Informational TMDLs may be developed for water bodies fully supporting beneficial uses as described under Section 303(d)(3) of the Clean Water Act, however, they will not be subject to the provisions of this Section. (3-18-11)

**03. Priority of TMDL Development.** The priority of TMDL development for water quality limited water bodies identified in Subsection 055.02 shall be determined by the Director in consultation with the Basin Advisory Groups as described in Sections 39-3601, et seq., Idaho Code, depending upon the severity of pollution and the uses of the water body, including those of unique ecological significance. Water bodies identified as a high priority through this process will be the first to be targeted for development of a TMDL or equivalent process. (3-18-11)

**04. High Priority Provisions.** Until a TMDL or equivalent process is completed for a high priority water quality limited water body, new or increased discharge of pollutants which have caused the water quality limited listing may be allowed if interim changes, such as pollutant trading, or some other approach for the pollutant(s) of concern are implemented and the total load remains constant or decreases within the watershed. Interim changes shall maximize the use of cost effective measures to cap or decrease controllable human-caused discharges from point and nonpoint sources. Once the TMDL or equivalent process is completed, any new or increased discharge of causative pollutants will be allowed only if consistent with the approved TMDL. Nothing in this section shall be interpreted as requiring best management practices for agricultural operations which are not adopted on a voluntary basis. (3-20-97)

**05. Medium and Low Priority Provisions.** Until TMDLs or equivalent processes are developed for water quality limited water bodies identified as medium or low priority, the Department shall require interim changes in permitted discharges from point sources and best management practices for nonpoint sources deemed necessary to prohibit further impairment of the designated or existing beneficial uses. Nothing in this section shall be interpreted as requiring best management practices for agricultural operations which are not adopted on a voluntary basis. (3-20-97)

**a.** In determining the necessity for interim changes to existing activities and limitations upon proposed activities, the Department, in consultation with basin and watershed advisory groups, shall evaluate the water quality impacts caused by past regulated and unregulated activities in the affected watershed. (3-20-97)

**b.** Consideration of interim changes shall maximize the use of cost-effective and timely measures to ensure no further impairment of designated or existing uses. (3-20-97)

**06. Pollutant Trading.** Development of TMDLs or equivalent processes or interim changes under these rules may include pollutant trading with the goal of restoring water quality limited water bodies to compliance with water quality standards. (3-20-97)

**07. Idaho Agriculture Pollution Abatement Plan.** Use of best management practices by agricultural activities is strongly encouraged in high, medium and low priority watersheds. The Idaho Agriculture Pollution Abatement Plan is the source for best management practices for the control of nonpoint sources of pollution for agriculture. (3-20-97)

**056. -- 059. (RESERVED)**

**060. MIXING ZONE POLICY.**

**01. Mixing Zones for Point Source Wastewater Discharges.** After a biological, chemical, and physical appraisal of the receiving water and the proposed discharge and after consultation with the person(s) responsible for the wastewater discharge, the Department will determine the applicability of a mixing zone and, if applicable, its size, configuration, and location. In defining a mixing zone, the Department will consider the following principles: (7-1-93)

**a.** The mixing zone may receive wastewater through a submerged pipe, conduit or diffuser. (7-1-93)



**b.** The mixing zone is to be located so it does not cause unreasonable interference with or danger to existing beneficial uses. (7-1-93)

**c.** When two (2) or more individual mixing zones are needed for a single activity, the sum of the areas and volumes of the several mixing zones is not to exceed the area and volume which would be allowed for a single zone; (7-1-93)

**d.** Multiple mixing zones can be established for a single discharge, each being specific for one (1) or more pollutants contained within the discharged wastewater; (7-1-93)

**e.** Mixing zones in flowing receiving waters are to be limited to the following: (7-1-93)

**i.** The cumulative width of adjacent mixing zones when measured across the receiving water is not to exceed fifty percent (50%) of the total width of the receiving water at that point; (7-1-93)

**ii.** The width of a mixing zone is not to exceed twenty-five percent (25%) of the stream width or three hundred (300) meters plus the horizontal length of the diffuser as measured perpendicularly to the stream flow, whichever is less; (7-1-93)

**iii.** The mixing zone is to be no closer to the ten (10) year, seven (7) day low-flow shoreline than fifteen percent (15%) of the stream width; (7-1-93)

**iv.** The mixing zone is not to include more than twenty-five percent (25%) of the volume of the stream flow; (7-1-93)

**f.** Mixing zones in reservoirs and lakes are to be limited to the following: (7-1-93)

**i.** The total horizontal area allocated to mixing zones is not to exceed ten percent (10%) of the surface area of the lake; (7-1-93)

**ii.** Adjacent mixing zones are to be no closer than the greatest horizontal dimension of any of the individual zones; (7-1-93)

**g.** The water quality within a mixing zone may exceed chronic water quality criteria so long as chronic water quality criteria are met at the boundary of any approved mixing zone. Acute water quality criteria may be exceeded within a zone of initial dilution inside the mixing zone if approved by the Department. (3-23-98)

**h.** Concentrations of hazardous materials within the mixing zone must not exceed the ninety-six (96) hour LC50 for biota significant to the receiving water's aquatic community. (7-1-93)

**02. Mixing Zones for Outstanding Resource Waters.** An ORW mixing zone will be downstream from the discharge of a tributary or 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 these rules. (8-24-94)

**061. -- 069. (RESERVED)**

**070. APPLICATION OF STANDARDS.**

**01. Multiple Criteria.** In the application of the use designation, the most stringent criterion of a multiple criteria applies. (4-5-00)

**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 and 401. (4-11-06)

**04. Applicability of Gas Supersaturation Standard.** The application of gas supersaturation standard shall be in accordance with Section 300. (4-5-00)

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

**06. Application of Standards to Intermittent Waters.** Numeric water quality standards only apply to intermittent waters during optimum flow periods sufficient to support the uses for which the water body is designated. For recreation, 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. (3-30-01)

**07. 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. (4-5-00)

**071. -- 079. (RESERVED)**

**080. VIOLATION OF WATER QUALITY STANDARDS.**

**01. Discharges Which Result in Water Quality Standards Violation.** No pollutant shall be discharged from a single source or in combination with pollutants discharged from other sources in concentrations or in a manner that: (7-1-93)

**a.** Will or can be expected to result in violation of the water quality standards applicable to the receiving water body or downstream waters; or (7-1-93)

**b.** Will injure designated or existing beneficial uses; or (8-24-94)

**c.** Is not authorized by the appropriate authorizing agency for those discharges that require authorization. (8-24-94)

**02. Short Term Activity Exemption.** The Department or the Board can authorize, with whatever conditions deemed necessary, short term activities even though such activities can result in a violation of these rules; (8-24-94)

**a.** No activity can be authorized by the provisions of Subsection 080.02 unless: (7-1-93)

**i.** The activity is essential to the protection or promotion of public interest; (7-1-93)

**ii.** No permanent or long term injury of beneficial uses is likely as a result of the activity. (7-1-93)

**b.** Activities eligible for authorization by Subsection 080.02 include, but are not limited to: (7-1-93)

**i.** Wastewater treatment facility maintenance; (7-1-93)

**ii.** Fish eradication projects; (7-1-93)

**iii.** Mosquito abatement projects; (7-1-93)

**iv.** Algae and weed control projects; (7-1-93)

- v. Dredge and fill activities; (3-20-97)
- vi. Maintenance of existing structures; (3-20-97)
- vii. Limited road and trail reconstruction; (3-20-97)
- viii. Soil stabilization measures; (3-20-97)
- ix. Habitat enhancement structures; and (3-20-97)
- x. Activities which result in overall enhancement or maintenance of beneficial uses. (7-1-93)

**03. Temperature Exemption.** Exceeding the temperature criteria in Section 250 will not be considered a water quality standard violation when the air temperature of a given day exceeds the ninetieth percentile of a yearly series of the maximum weekly maximum air temperature (MWMT) calculated over the historic record measured at the nearest weather reporting station. (3-15-02)

**081. -- 089. (RESERVED)**

**090. ANALYTICAL PROCEDURES.**

These procedures are available for review at the Idaho Department of Environmental Quality, or may be obtained from the U.S. Environmental Protection Agency or U.S. Government Printing Office. (8-24-94)

**01. Chemical and Physical Procedures.** Sample collection, preservation and analytical procedures to determine compliance with these standards shall conform with the guidelines of the Environmental Protection Agency, 40 CFR, Part 136, or other methods accepted by the scientific community and deemed appropriate by the Department. (8-24-94)

**02. Metals Procedures.** For the purposes of NPDES permitting, sample collection, preservation and analytical procedures for metals should conform to clean or ultra-clean techniques as described in: (8-24-94)

- a. "Guidance Document on Clean Analytical Techniques and Monitoring," EPA, October 1993; or (8-24-94)
- b. "Interim Guidance on Determination and Use of Water-Effect Ratios for Metals," EPA, February 1994; or (8-24-94)
- c. Other scientifically valid methods deemed appropriate by the Department. (8-24-94)

**03. Biological Procedures.** Biological tests to determine compliance with these standards should be based on methods as outlined in: (8-24-94)

- a. "Methods for Measuring the Acute Toxicity of Effluents to Freshwater and Marine Organisms," Fourth Edition, EPA, 1991; or (8-24-94)
- b. "Short-term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms," Second Edition, EPA 1989; or (8-24-94)
- c. "Rapid Bioassessment Protocols for Use in Streams and Rivers," EPA, 1989; or (8-24-94)
- d. Other scientifically valid methods deemed appropriate by the Department. (7-1-93)

**091. -- 099. (RESERVED)**

**100. SURFACE WATER USE DESIGNATIONS.**

Waterbodies are designated in Idaho to protect water quality for existing or designated uses. The designated use of a

waterbody does not imply any rights to access or ability to conduct any activity related to the use designation, nor does it imply that an activity is safe. For example, a designation of primary or secondary contact recreation may occur in areas where it is unsafe to enter the water due to water flows, depth or other hazardous conditions. Another example is that aquatic life uses may be designated in areas that are closed to fishing or access is not allowed by property owners. Wherever attainable, the designated beneficial uses for which the surface waters of the state are to be protected include: (3-15-02)

**01. Aquatic Life.** (7-1-93)

**a.** Cold water (COLD): water quality appropriate for the protection and maintenance of a viable aquatic life community for cold water species. (4-5-00)

**b.** Salmonid spawning (SS): waters which provide or could provide a habitat for active self-propagating populations of salmonid fishes. (3-30-07)

**c.** Seasonal cold water (SC): water quality appropriate for the protection and maintenance of a viable aquatic life community of cool and cold water species, where cold water aquatic life may be absent during, or tolerant of, seasonally warm temperatures. (4-5-00)

**d.** Warm water (WARM): water quality appropriate for the protection and maintenance of a viable aquatic life community for warm water species. (4-5-00)

**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. (4-5-00)

**02. Recreation.** (7-1-93)

**a.** Primary contact recreation (PCR): 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 activities include, but are not restricted to, those used for swimming, water skiing, or skin diving. (4-5-00)

**b.** Secondary contact recreation (SCR): water quality appropriate for recreational uses on or about the water and which are not included in the primary contact category. These activities may include fishing, boating, wading, infrequent swimming, and other activities where ingestion of raw water is not likely to occur. (4-5-00)

**03. Water Supply.** (7-1-93)

**a.** Domestic: water quality appropriate for drinking water supplies. (4-5-00)

**b.** Agricultural: water quality appropriate for the irrigation of crops or as drinking water for livestock. This use applies to all surface waters of the state. (4-5-00)

**c.** Industrial: water quality appropriate for industrial water supplies. This use applies to all surface waters of the state. (4-5-00)

**04. Wildlife Habitats.** Water quality appropriate for wildlife habitats. This use applies to all surface waters of the state. (4-5-00)

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

**101. 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 aquatic life and primary or secondary contact recreation beneficial uses, the Department will apply cold water aquatic life and primary or secondary contact recreation criteria to undesignated waters unless Sections 101.01.b and 101.01.c. are followed. (4-5-00)

**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 aquatic life and primary or secondary contact recreation are appropriate, then the Department will: (4-5-00)

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)

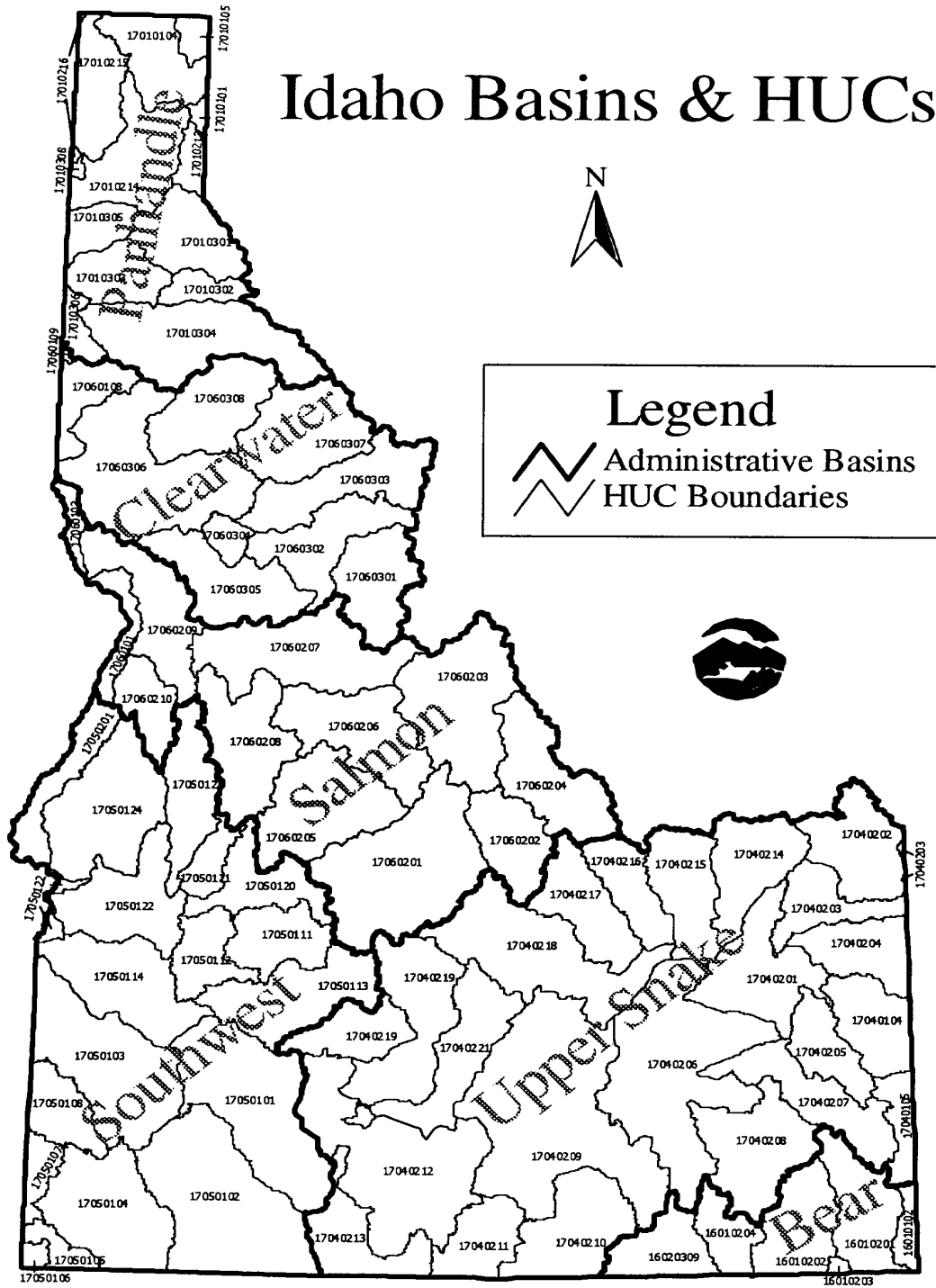
**02. Man-Made Waterways.** Unless designated in Sections 110 through 160, man-made waterways are to be protected for the use for which they were developed. (7-1-93)

**03. Private Waters.** Unless designated in Sections 110 through 160, lakes, ponds, pools, streams and springs outside public lands but located wholly and entirely upon a person's land are not protected specifically or generally for any beneficial use. (7-1-93)

**102. -- 108. (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. (4-5-00)



**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       |

(4-5-00)

- 03. Abbreviations.** (4-5-00)
- a.** COLD -- Cold Water Communities. (4-5-00)
  - b.** SS -- Salmonid Spawning. (4-5-00)
  - c.** SC -- Seasonal Cold Water Communities. (4-5-00)
  - d.** WARM -- Warm Water Communities. (4-5-00)
  - e.** MOD -- Modified Communities. (4-5-00)
  - f.** PCR -- Primary Contact Recreation. (4-5-00)
  - g.** SCR -- Secondary Contact Recreation. (4-5-00)
  - h.** DWS -- Domestic Water Supply. (4-5-00)
  - i.** NONE -- Use Unattainable. (4-5-00)
  - j.** No entry in the Aquatic Life or Recreation columns -- nondesignated waters for those uses. (3-15-02)

**110. PANHANDLE BASIN.**

Surface waters found within the Panhandle basin total fourteen (14) subbasins and are designated as follows: (4-5-00)

**01. Upper Kootenai Subbasin.** The Upper Kootenai Subbasin, HUC 17010101, is comprised of six (6) water body units.



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

(3-30-01)

**02. 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<br>SS   | PCR        | DWS   |
| P-2  | Boundary Creek - Idaho/Canadian border to mouth               | COLD<br>SS   | PCR        |       |
| P-3  | Grass Creek - source to Idaho/Canadian border                 | COLD<br>SS   | PCR        |       |
| P-4  | Blue Joe Creek - source to Idaho/Canadian border              | COLD<br>SS   | PCR        |       |
| P-5  | Smith Creek - Cow Creek to mouth                              | COLD<br>SS   | PCR        |       |
| P-6  | Cow Creek - source to mouth                                   | COLD<br>SS   | PCR        |       |
| P-7  | Smith Creek - source to Cow Creek                             | COLD<br>SS   | PCR        |       |
| P-8  | Long Canyon Creek - source to mouth                           | COLD<br>SS   | PCR        |       |
| P-9  | Parker Creek - source to mouth                                | COLD<br>SS   | PCR        |       |
| P-10 | Trout Creek - source to mouth                                 | COLD<br>SS   | PCR        |       |

| <b>Unit</b> | <b>Waters</b>  | <b>Aquatic Life</b> | <b>Recreation</b> | <b>Other</b> |
|-------------|--|---------------------|-------------------|--------------|
| P-11        | Ball Creek - source to mouth                                 | COLD<br>SS          | PCR               |              |
| P-12        | Kootenai River - Deep Creek to and including Shorty's Island | COLD<br>SS          | PCR               | DWS          |
| P-13        | Myrtle Creek - source to mouth                               | COLD<br>SS          | PCR               |              |
| P-14        | Cascade Creek - source to mouth                              | COLD<br>SS          | PCR               |              |
| P-15        | Deep Creek - Snow Creek to mouth                             | COLD<br>SS          | PCR               | DWS          |
| P-16        | Snow Creek - source to mouth                                 | COLD<br>SS          | PCR               |              |
| P-17        | Caribou Creek - source to mouth                              | COLD<br>SS          | PCR               |              |
| P-18        | Deep Creek - Brown Creek to Snow Creek                       | COLD<br>SS          | PCR               | DWS          |
| P-19        | Deep Creek - Trail Creek to Brown Creek                      | COLD<br>SS          | PCR               | DWS          |
| P-20        | Ruby Creek - source to mouth                                 | COLD<br>SS          | PCR               |              |
| P-21        | Fall Creek - source to mouth                                 | COLD<br>SS          | PCR               |              |
| P-22        | Deep Creek - McArthur Lake to Trail Creek                    | COLD<br>SS          | PCR               | DWS          |
| P-23        | McArthur Lake  | COLD                |                   |              |
| P-24        | Dodge Creek - source to mouth                                | COLD<br>SS          | SCR               |              |
| P-25        | Deep Creek - source to McArthur Lake                         | COLD<br>SS          | PCR               |              |
| P-26        | Trail Creek - source to mouth                                | COLD<br>SS          | PCR               |              |
| P-27        | Brown Creek - source to mouth                                | COLD<br>SS          | PCR               |              |
| P-28        | Twentymile Creek - source to mouth                           | COLD<br>SS          | PCR               |              |
| P-29        | Kootenai River - Moyie River to Deep Creek                   | COLD<br>SS          | PCR               | DWS          |
| P-30        | Cow Creek - source to mouth                                  | COLD<br>SS          | SCR               |              |

| Unit | Waters   | Aquatic Life | Recreation | Other |
|------|--|--------------|------------|-------|
| P-31 | Kootenai River - Idaho/Montana to Moyie River        | COLD<br>SS   | PCR        | DWS   |
| P-32 | Boulder Creek - East Fork Boulder Creek to mouth     | COLD<br>SS   | PCR        |       |
| P-33 | Boulder Creek - source to East Fork Boulder Creek    | COLD<br>SS   | PCR        |       |
| P-34 | East Fork Boulder Creek - source to mouth            | COLD<br>SS   | PCR        |       |
| P-35 | Curley Creek - source to mouth                       | COLD<br>SS   | SCR        |       |
| P-36 | Flemming Creek - source to mouth                     | COLD<br>SS   | SCR        |       |
| P-37 | Rock Creek - source to mouth                         | COLD<br>SS   | SCR        |       |
| P-38 | Mission Creek - Brush Creek to mouth                 | COLD<br>SS   | PCR        |       |
| P-39 | Brush Creek - source to mouth                        | COLD<br>SS   | SCR        |       |
| P-40 | Mission Creek - Idaho/Canadian border to Brush Creek | COLD<br>SS   | SCR        |       |

(3-29-12)

**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<br>SS   | PCR        | DWS   |
| P-2  | Moyie River - Meadow Creek to Moyie Falls Dam              | COLD<br>SS   | PCR        | DWS   |
| P-3  | Skin Creek - Idaho/Montana border to mouth                 | COLD<br>SS   | PCR        |       |
| P-4  | Deer Creek - source to mouth                               | COLD<br>SS   | PCR        |       |
| P-5  | Moyie River - Round Prairie Creek to Meadow Creek          | COLD<br>SS   | PCR        | DWS   |
| P-6  | Moyie River - Idaho/Canadian border to Round Prairie Creek | COLD<br>SS   | PCR        | DWS   |

| Unit | Waters   | Aquatic Life | Recreation | Other |
|------|--|--------------|------------|-------|
| P-7  | Canuck Creek - Idaho/Montana border to Idaho/Canadian border | COLD<br>SS   | SCR        |       |
| P-8  | Round Prairie Creek - Gillon Creek to mouth                  | COLD<br>SS   | PCR        |       |
| P-9  | Gillon Creek - Idaho/Canadian border to mouth                | COLD<br>SS   | PCR        |       |
| P-10 | Round Prairie Creek - source to Gillon Creek                 | COLD<br>SS   | PCR        |       |
| P-11 | Miller Creek - source to mouth                               | COLD<br>SS   | PCR        |       |
| P-12 | Meadow Creek - source to mouth                               | COLD<br>SS   | PCR        |       |

(3-29-12)

**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<br>SS   | PCR        | DWS   |
| P-2  | Johnson Creek - source to mouth                              |              |            |       |
| P-3  | Clark Fork River - Cabinet Gorge Dam to Mosquito Creek       | COLD<br>SS   | PCR        | DWS   |
| P-4  | Dry Creek - source to mouth                                  |              |            |       |
| P-5  | Clark Fork River - Idaho/Montana border to Cabinet Gorge Dam | COLD<br>SS   | PCR        | DWS   |
| 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<br>SS   | PCR        | DWS   |
| P-11 | Lightning Creek - Cascade Creek to Spring Creek              | COLD<br>SS   | PCR        | DWS   |
| P-12 | Cascade Creek - source to mouth                              |              |            |       |
| P-13 | Lightning Creek - East Fork Creek to Cascade Creek           | COLD<br>SS   | PCR        | DWS   |
| P-14 | East Fork Creek - Idaho/Montana border to mouth              |              |            |       |

| Unit | Waters  | Aquatic Life | Recreation | Other |
|------|---|--------------|------------|-------|
| P-15 | Savage Creek - Idaho/Montana border to mouth          |              |            |       |
| P-16 | Lightning Creek - Wellington Creek to East Fork Creek | COLD<br>SS   | PCR        | DWS   |
| P-17 | Lightning Creek - Rattle Creek to Wellington Creek    | COLD<br>SS   | PCR        | DWS   |
| P-18 | Rattle Creek - source to mouth                        |              |            |       |
| P-19 | Lightning Creek - source to Rattle Creek              | COLD<br>SS   | PCR        | DWS   |
| P-20 | Wellington Creek - source to mouth                    |              |            |       |
| P-21 | Spring Creek - source to mouth                        |              |            |       |

(3-29-12)

**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        | DWS   |
| P-2  | Pend Oreille River - Pend Oreille Lake to Priest River | COLD         | PCR        | DWS   |
| P-3  | Hoodoo Creek - source to mouth                         |              |            |       |
| P-4  | Kelso Lake and outlet                                  | COLD<br>SS   | PCR        | 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<br>SS   | PCR        | DWS   |
| P-10 | Brickel Creek - Idaho/Washington border to mouth       |              |            |       |
| P-11 | Jewell Lake  |              |            |       |
| P-12 | Cocolalla Creek - Cocolalla Lake to mouth              | COLD         | PCR        | DWS   |
| P-13 | Cocolalla Lake   | COLD         | PCR        | DWS   |
| 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   |              |            |       |

| <b>Unit</b> | <b>Waters</b>  | <b>Aquatic Life</b> | <b>Recreation</b> | <b>Other</b> |
|-------------|--|---------------------|-------------------|--------------|
| P-18        | Pend Oreille Lake  | COLD<br>SS          | PCR               | DWS          |
| 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<br>SS          | SCR               |              |
| P-28        | Riser Creek - source to mouth                            |                     |                   |              |
| P-29        | Strong Creek - source to mouth                           |                     |                   |              |
| P-30        | Trestle Creek - source to mouth                          | COLD<br>SS          | SCR               |              |
| P-31        | Lower Pack River - Sand Creek to mouth                   | COLD<br>SS          | PCR               | 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<br>SS          | PCR               | DWS          |
| P-40        | Walsh Lake   |                     |                   |              |
| P-41        | Upper Pack River - source to and including Lindsey Creek | COLD<br>SS          | PCR               | 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                            |                     |                   |              |

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

(3-29-12)

**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        | DWS   |
| 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        | DWS   |
| P-6  | Priest Lake  | COLD<br>SS   | PCR        | DWS   |
| 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                                  |              |            |       |

| Unit | Waters  | Aquatic Life | Recreation | Other |
|------|---|--------------|------------|-------|
| P-13 | Lion Creek - source to mouth                                      |              |            |       |
| P-14 | Priest Lake Thorofare - Upper Priest Lake to Priest Lake          | COLD<br>SS   | PCR        | DWS   |
| P-15 | Caribou Creek - source to mouth                                   |              |            |       |
| P-16 | Upper Priest Lake   | COLD<br>SS   | PCR        | DWS   |
| P-17 | Trapper Creek - source to mouth                                   |              |            |       |
| P-18 | Upper Priest River - Idaho/Canadian border to mouth               | COLD<br>SS   | PCR        | DWS   |
| 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                                    |              |            |       |
| 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 | Moore's Creek - source to mouth                                   |              |            |       |

(3-29-12)

**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        | DWS   |

(4-5-00)

**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<br>SS   | PCR        | DWS   |
| P-2  | Graham Creek - source to mouth                                     |              |            |       |
| P-3  | Beaver Creek - source to mouth                                     |              |            |       |
| P-4  | Prichard Creek - Butte Creek to mouth                              | COLD<br>SS   | PCR        |       |
| P-5  | Prichard Creek - source to Butte Creek                             | COLD<br>SS   | PCR        | 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                              |              |            |       |
| 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<br>SS   | PCR        | DWS   |
| P-14 | Jordan Creek - source to mouth                                     |              |            |       |
| P-15 | North Fork Coeur d'Alene River - source to Jordan Creek            | COLD<br>SS   | PCR        | DWS   |
| 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            |              |            |       |

| Unit | Waters                              | Aquatic Life | Recreation | Other |
|------|-------------------------------------|--------------|------------|-------|
| 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      |              |            |       |

(3-29-12)

**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 | COLD         | SCR        |       |
| P-2  | Pine Creek - East Fork Pine Creek to mouth             | COLD<br>SS   | SCR        |       |
| P-3  | Pine Creek - source to East Fork Pine Creek            | COLD<br>SS   | PCR        | 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<br>SS   | SCR        |       |
| P-7a | Big Creek - source to mining impact area               | COLD<br>SS   | PCR        | DWS   |
| P-7b | Big Creek - mining impact area to mouth                | COLD<br>SS   | SCR        |       |
| P-8a | Shields Gulch - source to mining impact area           | COLD<br>SS   | PCR        | DWS   |
| P-8b | Shields Gulch - mining impact area to mouth            |              | SCR        |       |
| P-9a | Lake Creek - source to mining impact area              | COLD<br>SS   | PCR        | DWS   |
| P-9b | Lake Creek - mining impact area to mouth               | COLD<br>SS   | SCR        |       |
| P-10 | Placer Creek - source to mouth                         |              |            |       |

| Unit | Waters  | Aquatic Life | Recreation | Other |
|------|---|--------------|------------|-------|
| P-11 | South Fork Coeur d'Alene River - from and including Daisy Gulch to Canyon Creek | COLD         | SCR        |       |
| P-12 | Willow Creek - source to mouth  |              |            |       |
| P-13 | South Fork Coeur d'Alene River - source to Daisy Gulch                          | COLD<br>SS   | PCR        | DWS   |
| P-14 | Canyon Creek - from and including Gorge Gulch to mouth                          | COLD         | SCR        |       |
| P-15 | Canyon Creek - source to Gorge Gulch  | COLD<br>SS   | PCR        | DWS   |
| P-16 | Ninemile Creek - from and including East Fork Ninemile Creek to mouth           | COLD<br>SS   | SCR        |       |
| P-17 | Ninemile Creek - source to East Fork Ninemile Creek                             | COLD<br>SS   | PCR        | 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<br>SS   | PCR        | DWS   |

(3-15-02)

**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<br>SS   | PCR        | DWS   |
| 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        |       |
| 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              |              |            |       |

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

(3-29-12)

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<br>SS   | SCR        |       |
| P-3  | Pedee Creek - source to mouth   |              |            |       |

| <b>Unit</b> | <b>Waters</b>   | <b>Aquatic Life</b> | <b>Recreation</b> | <b>Other</b> |
|-------------|---|---------------------|-------------------|--------------|
| P-4         | Benewah Creek - source to mouth   |                     |                   |              |
| P-5         | St. Joe River - St. Maries River to mouth   | COLD                | PCR               |              |
| P-6         | Cherry Creek - source to mouth  |                     |                   |              |
| P-7         | St. Maries River - Santa Creek to mouth   | COLD                | PCR               |              |
| P-8         | Alder Creek - source to mouth   |                     |                   |              |
| P-9         | John Creek - source to mouth  |                     |                   |              |
| P-10        | Santa Creek - source to mouth   | COLD<br>SS          | PCR               |              |
| P-11        | Charlie Creek - source to mouth   |                     |                   |              |
| P-12        | St. Maries River - Carpenter Creek to Santa Creek   | COLD                | PCR               |              |
| 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               | DWS          |
| P-16        | Emerald Creek - source to mouth   |                     |                   |              |
| P-17        | West Fork St. Maries River - source to mouth  |                     |                   |              |
| 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<br>SS          | PCR               | DWS          |
| 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   |                     |                   |              |

| <b>Unit</b> | <b>Waters</b>                                      | <b>Aquatic Life</b> | <b>Recreation</b> | <b>Other</b> |
|-------------|--|---------------------|-------------------|--------------|
| 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<br>SS          | PCR               | DWS          |
| 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                     |                     |                   |              |
| 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                     |                     |                   |              |

| Unit | Waters                       | Aquatic Life | Recreation | Other |
|------|------------------------------|--------------|------------|-------|
| P-69 | Deep Creek - source to mouth |              |            |       |

(3-29-12)

**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<br>SS   | PCR        | DWS   |
| P-4  | Spokane River - Coeur d'Alene Lake to Post Falls Dam      | COLD<br>SS   | PCR        | DWS   |
| P-5  | Hayden Lake   | COLD<br>SS   | PCR        | DWS   |
| P-6  | Yellowbank Creek - source to mouth                        |              |            |       |
| P-7  | Jim Creek - source to mouth                               |              |            |       |
| P-8  | Mokins Creek - source to mouth                            |              |            |       |
| 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        | 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        | DWS   |
| P-17 | Lost Lake, Howell, and Lost Creeks - source to mouth      |              |            |       |
| P-18 | Hauser Creek - source to mouth                            |              |            |       |

(3-29-12)

**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 |              |            |       |

| Unit | Waters   | Aquatic Life | Recreation | Other |
|------|--|--------------|------------|-------|
| 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  |              |            |       |

(4-5-00)

**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 |              |            |       |

(4-5-00)

**111. -- 119. (RESERVED)**

**120. CLEARWATER BASIN.**

Surface waters found within the Clearwater basin total ten (10) subbasins and are designated as follows: (4-5-00)

**01. 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<br>SS   | SCR        |       |
| C-3  | South Fork Palouse River - source to Gnat Creek                   | COLD<br>SS   | SCR        |       |
| C-4a | Gnat Creek - source to T40N, R05W, Sec. 26                        | COLD         | SCR        |       |
| C-4b | Gnat Creek - T40N, R05W, Sec. 26 to mouth                         | COLD         | SCR        |       |
| C-5  | Paradise Creek - source to Idaho/Washington border                | COLD         | SCR        |       |
| C-6a | Missouri Flat Creek - source to T40N, R5W, Sec. 17                | COLD         | SCR        |       |
| C-6b | Missouri Flat Creek-T40N, R5W, Sec. 17 to Idaho/Washington border | COLD         | SCR        |       |
| C-7a | Fourmile Creek - source to T40N, R5W, Sec. 5                      | COLD         | SCR        |       |
| C-7b | Fourmile Creek - T40N, R5W, Sec. 5 to Idaho/Washington border     | COLD         | SCR        |       |
| C-8a | Silver Creek - source to T43, R5W, Sec. 29                        | COLD         | SCR        |       |
| C-8b | Silver Creek - T43, R5W, Sec. 29 to Idaho/Washington border       | COLD         | SCR        |       |
| C-9  | Palouse River - Deep Creek to Idaho/Washington border             | COLD         | SCR        |       |
| C-10 | Palouse River - Hatter Creek to Deep Creek                        | COLD         | SCR        |       |



| Unit  | Waters   | Aquatic Life | Recreation | Other |
|-------|--|--------------|------------|-------|
| C-11a | Flannigan Creek - source to T41N, R05W, Sec. 23                    | COLD         | SCR        |       |
| C-11b | Flannigan Creek - T41N, R05W, Sec. 23 to mouth                     | COLD         | SCR        |       |
| C-12  | Rock Creek - confluence of West and East Fork Rock Creeks to mouth | COLD         | SCR        |       |
| C-13a | West Fork Rock Creek - source to T41N, R04W, Sec. 30               | COLD         | SCR        |       |
| C-13b | West Fork Rock Creek - T41N, R04W, Sec. 30 to mouth                | COLD         | SCR        |       |
| C-14a | East Fork Rock Creek - source to T41N, R 04W, Sec. 29              | COLD         | SCR        |       |
| C-14b | East Fork Rock Creek - T41N, R 04W, Sec. 29 to mouth               | COLD         | SCR        |       |
| C-15a | Hatter Creek - source to T40N, R04W, Sec. 3                        | COLD         | SCR        |       |
| C-15b | Hatter Creek - T40N, R04W, Sec. 3 to mouth                         | COLD         | SCR        |       |
| C-16  | Palouse River - Strychnine Creek to Hatter Creek                   | COLD<br>SS   | PCR        | DWS   |
| C-17  | Flat Creek - source to mouth                                       | COLD         | SCR        |       |
| C-18  | Palouse River - source to Strychnine Creek                         | COLD<br>SS   | PCR        | DWS   |
| C-19  | Little Sand Creek - source to mouth                                | COLD<br>SS   | SCR        |       |
| C-20  | Big Sand Creek - source to mouth                                   | COLD<br>SS   | SCR        |       |
| C-21  | North Fork Palouse River - source to mouth                         | COLD<br>SS   | SCR        |       |
| C-22  | Strychnine Creek - source to mouth                                 | COLD<br>SS   | SCR        |       |
| C-23  | Meadow Creek - East Fork Meadow Creek to mouth                     | COLD         | SCR        |       |
| C-24  | East Fork Meadow Creek - source to mouth                           | COLD<br>SS   | SCR        |       |
| C-25  | Meadow Creek - source to East Fork Meadow Creek                    | COLD<br>SS   | SCR        |       |
| C-26  | White Pine Creek - source to mouth                                 | COLD<br>SS   | SCR        |       |
| C-27a | Big Creek - source to T42N, R03W, Sec. 08                          | COLD<br>SS   | SCR        |       |
| C-27b | Big Creek - T42N, R03W, Sec. 08 to mouth                           | COLD         | SCR        |       |
| C-28  | Jerome Creek - source to mouth                                     | COLD<br>SS   | SCR        |       |
| C-29  | Gold Creek - T42N, R04W, Sec. 28 to mouth                          | COLD         | SCR        |       |
| C-30  | Gold Creek - source to T42N, R04W, Sec. 28                         | COLD<br>SS   | SCR        |       |

| Unit  | Waters   | Aquatic Life | Recreation | Other |
|-------|--|--------------|------------|-------|
| C-31a | Crane Creek - source to T42N, 04W, Sec. 28                   | COLD         | SCR        |       |
| C-31b | Crane Creek - T42N, 04W, Sec. 08 to mouth                    | COLD         | SCR        |       |
| C-32a | Deep Creek - source to T42, R05, Sec. 02                     | COLD         | SCR        |       |
| C-32b | Deep Creek - T42, R05, Sec. 02 to mouth                      | COLD         | SCR        |       |
| C-33a | Cedar Creek - source to T43N, R05W, Sec. 28                  | COLD         | SCR        |       |
| C-33b | Cedar Creek - T43N, R05W, Sec. 28 to Idaho/Washington border | COLD         | SCR        |       |

(5-3-03)

**02. 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  | COLD         | SCR        |       |
| C-2  | North Fork Pine Creek - source to Idaho/Washington border  | COLD         | SCR        |       |
| C-3  | Unnamed Tributaries - source to Idaho/Washington border<br>(T44N, R05W, Sec.31 / T43N, R05W, Sec. 6) | COLD         | SCR        |       |

(5-3-03)

**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<br>SS   | PCR        | DWS   |
| 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<br>SS   | PCR        | DWS   |
| 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                |              |            |       |

| <b>Unit</b> | <b>Waters</b>   | <b>Aquatic Life</b> | <b>Recreation</b> | <b>Other</b> |
|-------------|---|---------------------|-------------------|--------------|
| C-13        | Crooked Creek - source to mouth                                       |                     |                   |              |
| C-14        | Selway River - Deep Creek to White Cap Creek                          | COLD<br>SS          | PCR               | DWS          |
| 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<br>SS          | PCR               | DWS          |
| 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                                      |                     |                   |              |

| Unit | Waters                                  | Aquatic Life | Recreation | Other |
|------|---|--------------|------------|-------|
| C-45 | Gardner Creek - source to mouth         |              |            |       |
| C-46 | North Star Creek - source to mouth      |              |            |       |
| 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             |              |            |       |

(3-29-12)

**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<br>SS   | PCR        | DWS   |
| C-2  | Goddard Creek - source to mouth   | COLD<br>SS   | SCR        |       |
| C-3  | O'Hara Creek - confluence of West and East Fork<br>O'Hara Creeks to mouth | COLD<br>SS   | SCR        |       |
| 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<br>SS   | PCR        | DWS   |
| C-7  | Falls Creek - source to mouth   | COLD<br>SS   | SCR        |       |
| C-8  | Meadow Creek - Buck Lake Creek to mouth                                   | COLD<br>SS   | SCR        |       |
| C-9  | Horse Creek - source to mouth   |              |            |       |
| C-10 | Fivemile Creek - source to mouth  |              |            |       |

| <b>Unit</b> | <b>Waters</b>  | <b>Aquatic Life</b> | <b>Recreation</b> | <b>Other</b> |
|-------------|--|---------------------|-------------------|--------------|
| C-11        | Little Boulder Creek - source to mouth                   |                     |                   |              |
| C-12        | Meadow Creek - East Fork Meadow Creek to Buck Lake Creek | COLD<br>SS          | SCR               |              |
| C-13        | Butte Creek - source to mouth                            | COLD<br>SS          | SCR               |              |
| C-14        | Sable Creek - source to mouth                            | COLD<br>SS          | SCR               |              |
| C-15        | Simmons Creek - source to mouth                          | COLD<br>SS          | SCR               |              |
| 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<br>SS          | PCR               | DWS          |
| 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            |                     |                   |              |

| Unit | Waters   | Aquatic Life | Recreation | Other |
|------|--|--------------|------------|-------|
| 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                      |              |            |       |
| 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                           | COLD<br>SS   | SCR        |       |
| C-54 | Boyd Creek - source to mouth                             | COLD<br>SS   | SCR        |       |
| C-55 | Rackliff Creek - source to mouth                         | COLD<br>SS   | SCR        |       |

(3-29-12)

**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<br>SS   | PCR        | DWS   |
| C-2  | Kerr Creek - source to mouth                  |              |            |       |
| C-3  | Lochsa River - Old Man Creek to Deadman Creek | COLD<br>SS   | PCR        | DWS   |
| 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<br>SS   | PCR        | DWS   |

| <b>Unit</b> | <b>Waters</b>   | <b>Aquatic Life</b> | <b>Recreation</b> | <b>Other</b> |
|-------------|---|---------------------|-------------------|--------------|
| C-9         | Lochsa River - Indian Grave Creek to Fish Creek   | COLD<br>SS          | PCR               | DWS          |
| 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<br>SS          | PCR               | DWS          |
| 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  |                     |                   |              |
| C-20        | Lochsa River - confluence of Crooked Fork, White Sand Creek, and Walton Creek to Warm Springs Creek | COLD<br>SS          | PCR               | DWS          |
| 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   |                     |                   |              |

| Unit | Waters  | Aquatic Life | Recreation | Other |
|------|---|--------------|------------|-------|
| 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                    |              |            |       |
| 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           |              |            |       |

(3-29-12)

**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<br>SS   | PCR        | DWS   |
| C-2  | Clear Creek - South Fork Clear Creek to mouth                                 |              |            |       |



| Unit | Waters   | Aquatic Life | Recreation | Other |
|------|--|--------------|------------|-------|
| 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 | COLD<br>SS   | SCR        |       |
| C-7  | Middle Fork Clear Creek - source to mouth      |              |            |       |
| C-8  | Browns Spring Creek - source to mouth          | COLD<br>SS   | SCR        |       |
| C-9  | Pine Knob Creek - source to mouth              | COLD<br>SS   | SCR        |       |
| C-10 | Lodge Creek - source to mouth                  | COLD<br>SS   | SCR        |       |
| C-11 | Maggie Creek - source to mouth                 |              |            |       |

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**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<br>SS   | PCR        |       |
| C-2   | Cottonwood Creek - Cottonwood Creek waterfall (9.0 miles upstream) to mouth              | COLD<br>SS   | PCR        |       |
| C-3   | Cottonwood Creek - source to Cottonwood Creek waterfall (9.0 miles upstream)             | COLD<br>SS   | PCR        |       |
| 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<br>SS   | SCR        |       |
| C-11a | Butcher Creek - unnamed tributary (4.5 miles above mouth) in T30N, R03E, Sec. 1 to mouth | COLD<br>SS   | SCR        |       |

| <b>Unit</b> | <b>Waters</b>   | <b>Aquatic Life</b> | <b>Recreation</b> | <b>Other</b> |
|-------------|---|---------------------|-------------------|--------------|
| C-11b       | Butcher Creek - source to unnamed tributary (4.5 miles above mouth) in T30N, R03E, Sec. 1 | COLD                | SCR               |              |
| C-12        | South Fork Clearwater River - Johns Creek to Butcher Creek                                | COLD<br>SS          | PCR               |              |
| C-13        | Mill Creek - source to mouth  |                     |                   |              |
| C-14        | Johns Creek - Gospel Creek to mouth   | COLD<br>SS          | SCR               |              |
| C-15        | Gospel Creek - source to mouth  | COLD<br>SS          | SCR               |              |
| C-16        | West Fork Gospel Creek - source to mouth  | COLD<br>SS          | SCR               |              |
| C-17        | Johns Creek - Moores Creek to Gospel Creek  | COLD<br>SS          | SCR               |              |
| C-18        | Johns Creek - source to Moores Creek  | COLD<br>SS          | SCR               |              |
| C-19        | Moores Creek - source to mouth  | COLD<br>SS          | SCR               |              |
| C-20        | Square Mountain Creek - source to mouth   | COLD<br>SS          | SCR               |              |
| C-21        | Hagen Creek - source to mouth   | COLD<br>SS          | SCR               |              |
| C-22        | South Fork Clearwater River - Tenmile Creek to Johns Creek                                | COLD<br>SS          | PCR               |              |
| C-23        | Wing Creek - source to mouth  | COLD<br>SS          | SCR               |              |
| C-24        | Twentymile Creek - source to mouth  |                     |                   |              |
| C-25        | Tenmile Creek - Sixmile Creek to mouth  |                     |                   |              |
| C-26        | Tenmile Creek - Williams Creek to Sixmile Creek   | COLD<br>SS          | SCR               |              |
| C-27        | Tenmile Creek - source to Williams Creek  | COLD<br>SS          | SCR               |              |
| C-28        | Williams Creek - source to mouth  | COLD<br>SS          | SCR               |              |
| C-29        | Sixmile Creek - source to mouth   |                     |                   |              |
| C-30        | South Fork Clearwater River - Crooked River to Tenmile Creek                              | COLD<br>SS          | PCR               |              |
| C-31        | Crooked River - Relief Creek to mouth   | COLD<br>SS          | SCR               |              |

| <b>Unit</b> | <b>Waters</b>   | <b>Aquatic Life</b> | <b>Recreation</b> | <b>Other</b> |
|-------------|---|---------------------|-------------------|--------------|
| C-32        | Crooked River - confluence of West and East Fork Crooked Rivers to Relief Creek           | COLD<br>SS          | SCR               |              |
| 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<br>SS          | PCR               |              |
| C-37        | Red River- Siegel Creek to mouth  | COLD<br>SS          | PCR               | DWS          |
| C-38        | Red River - South Fork Red River to Siegel Creek  | COLD<br>SS          | PCR               | DWS          |
| C-39        | Moose Butte Creek - source to mouth   |                     |                   |              |
| C-40        | South Fork Red River - Trapper Creek to mouth   | COLD<br>SS          | SCR               |              |
| C-41        | South Fork Red River - West Fork Red River to Trapper Creek                               | COLD<br>SS          | SCR               |              |
| C-42        | West Fork Red River - source to mouth   | COLD<br>SS          | SCR               |              |
| C-43        | South Fork Red River - source to West Fork Red River                                      | COLD<br>SS          | SCR               |              |
| C-44        | Trapper Creek - source to mouth   | COLD<br>SS          | SCR               |              |
| C-45        | Red River - source to South Fork Red River  | COLD<br>SS          | SCR               | DWS          |
| C-46        | Soda Creek - source to mouth  | COLD<br>SS          | SCR               |              |
| C-47        | Bridge Creek - source to mouth  | COLD<br>SS          | SCR               |              |
| C-48        | Otterson Creek - source to mouth  | COLD<br>SS          | SCR               |              |
| C-49        | Trail Creek - source to mouth   | COLD<br>SS          | SCR               |              |
| C-50        | Siegel Creek - source to mouth  | COLD<br>SS          | SCR               |              |
| C-51        | Red Horse Creek - source to mouth   |                     |                   |              |
| C-52        | American River - East Fork American River to mouth  | COLD<br>SS          | PCR               | DWS          |
| C-53        | Kirks Fork - source to mouth  |                     |                   |              |
| C-54        | East Fork American River - source to mouth  |                     |                   |              |

| Unit | Waters   | Aquatic Life | Recreation | Other |
|------|--|--------------|------------|-------|
| C-55 | American River - source to East Fork American River              | COLD<br>SS   | PCR        | DWS   |
| C-56 | Elk Creek - confluence of Big Elk and Little Elk Creeks to mouth |              |            |       |
| C-57 | Little Elk Creek - source to mouth                               | COLD<br>SS   | SCR        |       |
| C-58 | Big Elk Creek - source to mouth                                  | COLD<br>SS   | SCR        |       |
| C-59 | Buffalo Gulch - source to mouth                                  |              |            |       |
| C-60 | Whiskey Creek - source to mouth                                  | COLD<br>SS   | SCR        |       |
| 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                                     | COLD<br>SS   | SCR        |       |
| C-68 | Newsome Creek - source to Mule Creek                             |              |            |       |
| C-69 | Haysfork Creek - source to mouth                                 |              |            |       |
| C-70 | Baldy Creek - source to mouth                                    | COLD<br>SS   | SCR        |       |
| 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                                   | COLD<br>SS   | SCR        |       |
| 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                                   |              |            |       |

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

| <b>Unit</b> | <b>Waters</b>  | <b>Aquatic Life</b> | <b>Recreation</b> | <b>Other</b> |
|-------------|--|---------------------|-------------------|--------------|
| C-1         | Lower Granite Dam pool   | COLD                | PCR               | DWS          |
| C-2         | Clearwater River - Potlatch River to Lower Granite Dam pool                            | COLD<br>SS          | PCR               | DWS          |
| C-3         | Lindsay Creek - source to mouth  | COLD                | SCR               |              |
| C-4         | Lapwai Creek - Sweetwater Creek to mouth   | COLD                | PCR               |              |
| 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               |              |
| C-9         | Winchester Lake  | COLD                | PCR               | DWS          |
| C-10        | Lapwai Creek - source to Winchester Lake   | COLD<br>SS          | PCR               | 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<br>SS          | PCR               | DWS          |
| C-14        | Cottonwood Creek - source to mouth   | COLD<br>SS          | SCR               |              |
| C-15        | Jacks Creek - source to mouth  |                     |                   |              |
| C-16        | Big Canyon Creek - source to mouth   | COLD<br>SS          | PCR               |              |
| 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<br>SS          | PCR               | DWS          |
| C-22        | Clearwater River - confluence of South and Middle Fork Clearwater Rivers to Lolo Creek | COLD<br>SS          | PCR               | DWS          |
| C-23        | Sixmile Creek - source to mouth  |                     |                   |              |
| C-24        | Lawyer Creek - source to mouth   | COLD<br>SS          | PCR               |              |
| C-25        | Sevenmile Creek - source to mouth  |                     |                   |              |

| Unit | Waters  | Aquatic Life | Recreation | Other |
|------|---|--------------|------------|-------|
| 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  |              |            |       |
| 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        |       |
| C-35 | Jim Ford Creek - source to Jim Ford Creek waterfall (12.5 miles upstream) | COLD         | PCR        |       |
| C-36 | Grasshopper Creek - source to mouth                                       | COLD         | PCR        | 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<br>SS   | PCR        |       |
| 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<br>SS   | PCR        | DWS   |
| C-45 | Potlatch River - Corral Creek to Big Bear Creek                           | COLD<br>SS   | PCR        | 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<br>SS   | PCR        | DWS   |
| C-49 | Potlatch River - source to Moose Creek                                    | COLD<br>SS   | PCR        | DWS   |
| C-50 | Little Boulder Creek - source to mouth                                    |              |            |       |
| C-51 | East Fork Potlatch River - source to mouth                                |              |            |       |
| C-52 | Ruby Creek - source to mouth  |              |            |       |

| Unit | Waters   | Aquatic Life | Recreation | Other |
|------|--|--------------|------------|-------|
| 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 |              |            |       |
| 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<br>SS   | SCR        |       |
| C-61 | West Fork Little Bear Creek - source to mouth                              |              |            |       |
| C-62 | Middle Potlatch Creek - source to mouth                                    | COLD         | SCR        |       |
| C-63 | Bethel Canyon - source to mouth  |              |            |       |
| C-64 | Little Potlatch Creek - source to mouth                                    | COLD         | SCR        |       |
| C-65 | Howard Gulch - source to mouth   |              |            |       |
| C-66 | Catholic Creek - source to mouth   |              |            |       |
| C-67 | Hatwai Creek - source to mouth   |              |            |       |

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**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 - Skull Creek to Aquarius Campground (T40N, R07E, Sec. 05) | COLD<br>SS   | PCR        | DWS   |
| C-2  | North Fork Clearwater River- Washington Creek to Skull Creek                           | COLD<br>SS   | PCR        | DWS   |
| C-3  | Washington Creek - source to mouth   | COLD<br>SS   | SCR        |       |
| C-4  | North Fork Clearwater River - Orogrande Creek to Washington Creek                      | COLD<br>SS   | PCR        | DWS   |
| C-5  | Orogrande Creek - French Creek to mouth  |              |            |       |
| C-6  | Orogrande Creek - source to French Creek   |              |            |       |
| C-7  | French Creek - source to mouth   | COLD         | SCR        |       |
| C-8  | North Fork Clearwater River - Weitas Creek to Orogrande Creek                          | COLD<br>SS   | PCR        | DWS   |

| Unit | Waters   | Aquatic Life | Recreation | Other |
|------|--|--------------|------------|-------|
| C-9  | Weitas Creek - Hemlock Creek to mouth  |              |            |       |
| C-10 | Hemlock Creek - source to mouth  |              |            |       |
| C-11 | Weitas Creek - Windy Creek to Hemlock Creek                                      |              |            |       |
| C-12 | Middle Creek - source to mouth   | COLD<br>SS   | SCR        |       |
| C-13 | Little Weitas Creek - source to mouth  | COLD         | SCR        |       |
| C-14 | Weitas Creek - source to Windy Creek   | COLD<br>SS   | SCR        |       |
| C-15 | Windy Creek - source to mouth  | COLD         | SCR        |       |
| C-16 | North Fork Clearwater River - Kelly Creek to Weitas Creek                        | COLD<br>SS   | PCR        | DWS   |
| C-17 | Fourth of July Creek - source to mouth   |              |            |       |
| C-18 | Kelly Creek - Cayuse Creek to mouth  |              |            |       |
| C-19 | Cayuse Creek - Gravey Creek to mouth   |              |            |       |
| C-20 | Monroe Creek - source to mouth   | COLD<br>SS   | SCR        |       |
| C-21 | Gravey Creek - source to mouth   | COLD<br>SS   | SCR        |       |
| C-22 | Cayuse Creek - source to Gravey Creek  |              |            |       |
| C-23 | Toboggan Creek - source to mouth   | COLD         | SCR        |       |
| C-24 | Kelly Creek - confluence of North and Middle Fork<br>Kelly Creek to Cayuse Creek |              |            |       |
| C-25 | South Fork Kelly Creek - source to mouth   |              |            |       |
| C-26 | Middle Fork Kelly Creek - source to mouth  |              |            |       |
| C-27 | North Fork Kelly Creek - source to mouth   |              |            |       |
| C-28 | Moose Creek - Osier Creek to mouth   |              |            |       |
| C-29 | Little Moose Creek - source to mouth   |              |            |       |
| C-30 | Osier Creek - source to mouth  | COLD<br>SS   | SCR        |       |
| C-31 | Moose Creek - source to Osier Creek  |              |            |       |
| C-32 | North Fork Clearwater River - Lake Creek to Kelly Creek                          | COLD<br>SS   | PCR        | DWS   |
| C-33 | Lake Creek - source to mouth   | COLD<br>SS   | SCR        |       |
| C-34 | North Fork Clearwater River - Vanderbilt Gulch to Lake Creek                     | COLD<br>SS   | PCR        | DWS   |



| Unit | Waters   | Aquatic Life | Recreation | Other |
|------|--|--------------|------------|-------|
| C-35 | Long Creek - source to mouth                             | COLD<br>SS   | SCR        |       |
| C-36 | North Fork Clearwater River - source to Vanderbilt Gulch | COLD<br>SS   | PCR        | DWS   |
| C-37 | Vanderbilt Gulch - source to mouth                       |              |            |       |
| C-38 | Meadow Creek - source to mouth                           |              |            |       |
| C-39 | Elizabeth Creek - source to mouth                        | COLD<br>SS   | SCR        |       |
| C-40 | Cold Springs Creek - source to mouth                     | COLD<br>SS   | SCR        |       |
| C-41 | Sprague Creek - source to mouth                          |              |            |       |
| C-42 | Larson Creek - source to mouth                           | COLD         | SCR        |       |
| C-43 | Rock Creek - source to mouth                             | COLD<br>SS   | SCR        |       |
| C-44 | Quartz Creek - source to mouth                           |              |            |       |
| C-45 | Cougar Creek - source to mouth                           |              |            |       |
| C-46 | Skull Creek - Collins Creek to mouth                     | COLD         | SCR        |       |
| C-47 | Skull Creek - source to Collins Creek                    |              |            |       |
| C-48 | Collins Creek - source to mouth                          | COLD<br>SS   | SCR        |       |

(3-29-12)

**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  | North Fork Clearwater River - Dworshak Reservoir Dam to mouth | COLD<br>SS   | PCR        | DWS   |
| C-2  | Dworshak Reservoir  | COLD<br>SS   | PCR        | DWS   |
| C-3  | Reeds Creek - Alder Creek to Dworshak Reservoir               | COLD<br>SS   | PCR        | DWS   |
| C-4  | Reeds Creek - source to Alder Creek                           | COLD<br>SS   | PCR        | DWS   |
| C-5  | Alder Creek - source to mouth                                 |              |            |       |
| C-6  | Silver Creek - source to Dworshak Reservoir                   |              |            |       |
| C-7  | Benton Creek - source to Dworshak Reservoir                   |              |            |       |

| <b>Unit</b> | <b>Waters</b>   | <b>Aquatic Life</b> | <b>Recreation</b> | <b>Other</b> |
|-------------|---|---------------------|-------------------|--------------|
| C-8         | North Fork Clearwater River - Aquarius Campground (T40N, R07E, Sec. 05) to Dworshak Reservoir | COLD<br>SS          | PCR               | DWS          |
| C-9         | Beaver Creek - source to mouth  | COLD<br>SS          | SCR               |              |
| C-10        | Isabella Creek - source to mouth  |                     |                   |              |
| C-11        | Little North Fork Clearwater River - Foehl Creek to Dworshak Reservoir                        |                     |                   |              |
| C-12        | Little North Fork Clearwater River - Spotted Louis Creek to Foehl Creek                       |                     |                   |              |
| C-13        | Sawtooth Creek - source to mouth  |                     |                   |              |
| C-14        | Canyon Creek - source to mouth  |                     |                   |              |
| C-15        | Spotted Louis Creek - source to mouth   |                     |                   |              |
| C-16        | Little North Fork Clearwater River - Rutledge Creek to Spotted Louis Creek                    |                     |                   |              |
| C-17        | Rutledge Creek - source to mouth  |                     |                   |              |
| C-18        | Little North Fork Clearwater River - source to Rutledge Creek                                 |                     |                   |              |
| C-19        | Foehl Creek - source to mouth   |                     |                   |              |
| C-20        | Stoney Creek - Glover Creek to Dworshak Reservoir   |                     |                   |              |
| C-21        | Floodwood Creek - source to mouth   |                     |                   |              |
| C-22        | Glover Creek - source to mouth  |                     |                   |              |
| C-23        | Stoney Creek - source to Glover Creek   | COLD<br>SS          | SCR               |              |
| C-24        | Isabella Creek - source to mouth  |                     |                   |              |
| C-25        | Breakfast Creek - source to mouth   |                     |                   |              |
| C-26        | Gold Creek - source to Dworshak Reservoir   |                     |                   |              |
| C-27        | Weitas Creek - source to Dworshak Reservoir   |                     |                   |              |
| C-28        | Swamp Creek - source to Dworshak Reservoir  |                     |                   |              |
| C-29        | Cranberry Creek - source to Dworshak Reservoir  |                     |                   |              |
| C-30        | Elk Creek - source to Dworshak Reservoir  | COLD<br>SS          | PCR               | DWS          |
| C-31        | Bull Run Creek - confluence of Squaw and Shattuck Creeks to mouth                             |                     |                   |              |
| C-32        | Shattuck Creek - source to mouth  |                     |                   |              |
| C-33        | Squaw Creek - source to mouth   |                     |                   |              |
| C-34        | Long Meadow Creek - source to Dworshak Reservoir  |                     |                   |              |
| C-35        | Dicks Creek - source to Dworshak Reservoir  |                     |                   |              |

(3-29-12)

**121. -- 129. (RESERVED)**

**130. SALMON BASIN.**

Surface waters found within the Salmon basin total twelve (12) subbasins and are designated as follows: (4-5-00)

**01. Hells Canyon Subbasin.** The Hells Canyon Subbasin, HUC 17060101, is comprised of twenty-eight (28) water body units.

| <b>Unit</b> | <b>Waters</b>  | <b>Aquatic Life</b> | <b>Recreation</b> | <b>Other</b> |
|-------------|--|---------------------|-------------------|--------------|
| S-1         | Snake River - Wolf Creek to Salmon River                             | COLD<br>SS          | PCR               | DWS          |
| S-2         | Snake River - Sheep Creek to Wolf Creek                              | COLD<br>SS          | PCR               | DWS          |
| S-3         | Snake River - Hells Canyon Dam to Sheep Creek                        | COLD<br>SS          | PCR               | DWS          |
| 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                                      |                     |                   |              |
| 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                                   |                     |                   |              |

| Unit | Waters                         | Aquatic Life | Recreation | Other |
|------|--------------------------------|--------------|------------|-------|
| S-26 | Basin Creek - source to mouth  |              |            |       |
| S-27 | Dry Creek - source to mouth    |              |            |       |
| S-28 | Divide Creek - source to mouth |              |            |       |

(3-29-12)

**02. 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        | DWS   |
| S-2  | Snake River - Captain John Creek to Asotin River (Idaho/Oregon border)     | COLD         | PCR        | DWS   |
| S-3  | Snake River - Cottonwood Creek to Captain John Creek                       | COLD         | PCR        | DWS   |
| S-4  | Snake River - Salmon River to Cottonwood Creek                             | COLD         | PCR        | DWS   |
| S-5  | Cottonwood Creek - source to mouth   |              |            |       |
| S-6  | Cave Gulch - source to mouth   | COLD         | SCR        |       |
| S-7  | Corral Creek - source to mouth   |              |            |       |
| S-8  | Middle Creek - source to mouth   | COLD         | SCR        |       |
| S-9  | Dough Creek - source to mouth  | COLD         | SCR        |       |
| S-10 | Billy Creek - source to mouth  |              |            |       |
| S-11 | Captain John Creek - source to mouth                                       |              |            |       |
| S-12 | Redbird Creek - source to mouth  | COLD         | SCR        |       |
| S-13 | Tenmile Canyon - source to mouth   | COLD         | SCR        |       |
| S-14 | Tammany Creek - Unnamed Tributary (T34N, R05W, Sec. 24) to mouth           | COLD         | SCR        |       |
| S-15 | Unnamed Tributary - source to mouth (T34N, R05W, Sec. 24)                  | COLD         | SCR        |       |
| S-16 | Tammany Creek - source to Unnamed Tributary (T34N, R05W, Sec. 24)          | COLD         | SCR        |       |

(3-29-12)

**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<br>SS   | PCR        | DWS   |
| 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<br>SS   | PCR        | DWS   |
| S-15 | Garden Creek - source to mouth                                      |              |            |       |
| S-16 | Salmon River - East Fork Salmon River to Garden Creek               | COLD<br>SS   | PCR        | DWS   |
| 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<br>SS   | PCR        | DWS   |
| S-20 | Kinnikinic Creek - source to mouth                                  |              |            |       |
| S-21 | Squaw Creek - Cash Creek to mouth                                   | COLD<br>SS   | SCR        |       |
| S-22 | Cash Creek - source to mouth  |              |            |       |
| S-23 | Squaw Creek - confluence of Aspen and Cinnabar Creeks to Cash Creek | COLD<br>SS   | SCR        |       |
| S-24 | Aspen Creek - source to mouth                                       |              |            |       |
| S-25 | Cinnabar Creek - source to mouth                                    |              |            |       |
| S-26 | Bruno Creek - source to mouth                                       |              |            |       |
| S-27 | Salmon River - Thompson Creek to Squaw Creek                        | COLD<br>SS   | PCR        | DWS   |

| <b>Unit</b> | <b>Waters</b>  | <b>Aquatic Life</b> | <b>Recreation</b> | <b>Other</b> |
|-------------|--|---------------------|-------------------|--------------|
| S-28        | Thompson Creek - source to mouth   | COLD<br>SS          | SCR               |              |
| S-29        | Pat Hughes Creek -source to mouth  |                     |                   |              |
| S-30        | Buckskin Creek - source to mouth   |                     |                   |              |
| S-31        | Salmon River - Yankee Fork Creek to Thompson Creek                                 | COLD<br>SS          | PCR               | DWS          |
| S-32        | Yankee Fork Creek - Jordan Creek to mouth  | COLD<br>SS          | PCR               | DWS          |
| S-33        | Ramey Creek - source to mouth  |                     |                   |              |
| S-34        | Yankee Fork Creek - source to Jordan Creek   | COLD<br>SS          | PCR               | DWS          |
| S-35        | Fivemile Creek - source to mouth   |                     |                   |              |
| S-36        | Elevenmile Creek - source to mouth   |                     |                   |              |
| S-37        | McKay Creek - source to mouth  |                     |                   |              |
| S-38        | Twentymile Creek - source to mouth   |                     |                   |              |
| S-39        | Tenmile Creek - source to mouth  |                     |                   |              |
| S-40        | Eightmile Creek - source to mouth  |                     |                   |              |
| S-41        | Jordan Creek - from and including Unnamed Tributary (T13N, R15E, Sec. 29) to mouth |                     |                   |              |
| S-42        | Jordan Creek - source to Unnamed Tributary (T13N, R15E, Sec. 29)                   |                     |                   |              |
| S-43        | West Fork Yankee Fork Creek - Lightning Creek to mouth                             |                     |                   |              |
| S-44        | Lightning Creek - source to mouth  |                     |                   |              |
| S-45        | West Fork Yankee Fork Creek - source to Lightning Creek                            |                     |                   |              |
| S-46        | Cabin Creek - source to mouth  |                     |                   |              |
| S-47        | Salmon River - Valley Creek to Yankee Fork Creek                                   | COLD<br>SS          | PCR               | DWS          |
| S-48        | Basin Creek - East Basin Creek to mouth  |                     |                   |              |
| S-49        | East Basin Creek - source to mouth   |                     |                   |              |
| S-50        | Basin Creek - source to East Basin Creek   |                     |                   |              |
| S-51        | Valley Creek - Trap Creek to mouth   |                     |                   |              |
| S-52        | Stanley Creek - source to mouth  |                     |                   |              |
| S-53        | Valley Creek - source to Trap Creek  |                     |                   |              |
| S-54        | Trap Creek - Meadow Creek to mouth   |                     |                   |              |
| S-55        | Trap Creek - source to Meadow Creek  |                     |                   |              |
| S-56        | Meadow Creek - source to mouth   |                     |                   |              |

| Unit | Waters   | Aquatic Life | Recreation | Other |
|------|--|--------------|------------|-------|
| S-57 | Elk Creek - source to mouth  |              |            |       |
| S-58 | Stanley Creek - source to mouth  |              |            |       |
| S-59 | Crooked Creek - source to mouth  |              |            |       |
| S-60 | Iron Creek - source to mouth   |              |            |       |
| S-61 | Goat Creek - source to mouth   |              |            |       |
| S-62 | Meadow Creek - source to mouth   |              |            |       |
| S-63 | Salmon River - Redfish Lake Creek to Valley Creek                            | COLD<br>SS   | PCR        | DWS   |
| S-64 | Redfish Lake Creek - Redfish Lake to mouth                                   |              |            |       |
| S-65 | Fishhook Creek - source to mouth   |              |            |       |
| S-66 | Redfish Lake   |              |            |       |
| S-67 | Redfish Lake Creek - source to Redfish Lake                                  |              |            |       |
| S-68 | Salmon River - Unnamed Tributary (T19N, R13E, Sec. 25) to Redfish Lake Creek | COLD<br>SS   | PCR        | DWS   |
| S-69 | Decker Creek - Huckleberry Creek to mouth                                    |              |            |       |
| S-70 | Decker Creek - source to Huckleberry Creek                                   |              |            |       |
| S-71 | Huckleberry Creek - source to mouth  |              |            |       |
| S-72 | Salmon River - Fisher Creek to Decker Creek                                  | COLD<br>SS   | PCR        | DWS   |
| S-73 | Salmon River - Alturas Lake Creek to Fisher Creek                            | COLD<br>SS   | PCR        | DWS   |
| S-74 | Hell Roaring Creek - source to mouth   |              |            |       |
| S-75 | Alturas Lake Creek - Alturas Lake to mouth                                   |              |            |       |
| S-76 | Toxaway/Farley Lake - source to mouth  |              |            |       |
| S-77 | Pettit Lake  |              |            |       |
| S-78 | Alturas Lake   |              |            |       |
| S-79 | Alturas Lake Creek - source to Alturas Lake                                  |              |            |       |
| S-80 | Alpine Creek - source to mouth   |              |            |       |
| S-81 | Salmon River - source to Alturas Lake Creek                                  | COLD<br>SS   | PCR        | DWS   |
| S-82 | Beaver Creek - source to mouth   |              |            |       |
| S-83 | Smiley Creek - source to mouth   |              |            |       |
| S-84 | Frenchman Creek - source to mouth  |              |            |       |
| S-85 | Pole Creek - source to mouth   |              |            |       |
| S-86 | Champion Creek - source to mouth   |              |            |       |

| Unit  | Waters   | Aquatic Life | Recreation | Other |
|-------|--|--------------|------------|-------|
| S-87  | Fourth of July Creek - source to mouth   |              |            |       |
| S-88  | Fisher Creek - source to mouth   |              |            |       |
| S-89  | Williams Creek - source to mouth   |              |            |       |
| S-90  | Gold Creek - source to mouth   |              |            |       |
| S-91  | Little Casino Creek - source to mouth  |              |            |       |
| S-92  | Big Casino Creek - source to mouth   |              |            |       |
| S-93  | Rough Creek - source to mouth  |              |            |       |
| S-94  | Warm Springs Creek - Swimm Creek to mouth  |              |            |       |
| S-95  | Warm Springs Creek - Pigtail Creek to Swimm Creek                                    |              |            |       |
| S-96  | Pigtail Creek - source to mouth  |              |            |       |
| S-97  | Warm Springs Creek - source to Pigtail Creek   |              |            |       |
| S-98  | Swimm Creek - source to mouth  |              |            |       |
| S-99  | Slate Creek - source to mouth  |              |            |       |
| S-100 | Holman Creek - source to mouth   |              |            |       |
| S-101 | Sullivan Creek - source to mouth   |              |            |       |
| S-102 | East Fork Salmon River - Herd Creek to mouth   | COLD<br>SS   | PCR        | DWS   |
| S-103 | East Fork Salmon River - Germania Creek to Herd Creek                                | COLD<br>SS   | PCR        | DWS   |
| S-104 | Big Lake Creek - source to mouth   |              |            |       |
| S-105 | Big Boulder Creek - source to mouth  |              |            |       |
| S-106 | Little Boulder Creek - source to mouth   |              |            |       |
| S-107 | Germania Creek - Chamberlain Creek to mouth  |              |            |       |
| S-108 | Chamberlain Creek - source to mouth  |              |            |       |
| S-109 | Germania Creek - source to Chamberlain Creek   |              |            |       |
| S-110 | East Fork Salmon River - confluence of South and West Fork Salmon Rivers to Germania | COLD<br>SS   | PCR        | DWS   |
| S-111 | West Fork East Fork Salmon River - source to mouth                                   |              |            |       |
| S-112 | South Fork East Fork Salmon River - source to mouth                                  |              |            |       |
| S-113 | Ibex Creek - source to mouth   |              |            |       |
| S-114 | West Pass Creek - source to mouth  |              |            |       |
| S-115 | Bowery Creek - source to mouth   |              |            |       |
| S-116 | Pine Creek - source to mouth   |              |            |       |
| S-117 | McDonald Creek - source to mouth   |              |            |       |



| Unit  | Waters   | Aquatic Life | Recreation | Other |
|-------|--|--------------|------------|-------|
| S-118 | Herd Creek - confluence of West Fork Herd Creek and East Pass Creek to mouth |              |            |       |
| S-119 | East Pass Creek - source to mouth  |              |            |       |
| S-120 | Taylor Creek - source to mouth   |              |            |       |
| S-121 | West Fork Herd Creek - source to mouth                                       |              |            |       |
| S-122 | East Fork Herd Creek - source to mouth                                       |              |            |       |
| S-123 | Lake Creek - source to mouth   |              |            |       |
| S-124 | Road Creek - Corral Basin Creek to mouth                                     |              |            |       |
| S-125 | Road Creek - source to Corral Basin Creek                                    |              |            |       |
| S-126 | Mosquito Creek - source to mouth   |              |            |       |
| S-127 | Corral Basin Creek - source to mouth   |              |            |       |
| S-128 | Horse Basin Creek - source to mouth  |              |            |       |
| S-129 | Spar Canyon Creek - source to mouth  |              |            |       |
| S-130 | Bradshaw Gulch - source to mouth   |              |            |       |
| S-131 | Warm Spring Creek - Hole-in-Rock Creek to mouth                              |              |            |       |
| S-132 | Warm Spring Creek - source to Hole-in-Rock Creek                             |              |            |       |
| S-133 | Broken Wagon Creek - source to mouth   |              |            |       |
| S-134 | Hole-in-Rock Creek - source to mouth   |              |            |       |
| S-135 | Pennal Gulch - source to mouth   |              |            |       |

(3-29-12)

**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<br>SS   | PCR        | DWS   |
| S-2  | Pahsimeroi River - Meadow Creek to Patterson Creek                       | COLD<br>SS   | PCR        | DWS   |
| 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<br>SS   | PCR        | DWS   |

| Unit | Waters   | Aquatic Life | Recreation | Other |
|------|--|--------------|------------|-------|
| S-8  | Pahsimeroi River - Big Creek to Furley Road (T15S, R22E)                                     | COLD<br>SS   | PCR        | DWS   |
| S-9  | Grouse Creek - source to mouth   |              |            |       |
| S-10 | Pahsimeroi River - Goldburg Creek to Big Creek   | COLD<br>SS   | PCR        | DWS   |
| S-11 | Pahsimeroi River - Unnamed Tributary (T12N, R23E, Sec. 22) to Goldburg Creek                 | COLD<br>SS   | PCR        | DWS   |
| 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<br>SS   | PCR        | DWS   |
| S-18 | Pahsimeroi River - Mahogany Creek to Burnt Creek   | COLD<br>SS   | PCR        | DWS   |
| S-19 | Mahogany Creek - source to mouth   |              |            |       |
| S-20 | Pahsimeroi River - confluence of Rock Creek and East Fork Pahsimeroi River to Mahogany Creek | COLD<br>SS   | PCR        | DWS   |
| 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  |              |            |       |
| 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  |              |            |       |

| Unit | Waters   | Aquatic Life | Recreation | Other |
|------|--|--------------|------------|-------|
| 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                           |              |            |       |

(3-29-12)

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

| Unit  | Waters   | Aquatic Life | Recreation | Other |
|-------|--|--------------|------------|-------|
| S-1   | Salmon River - Panther Creek to Middle Fork Salmon River   | COLD<br>SS   | PCR        | DWS   |
| S-2   | Panther Creek - Big Deer Creek to mouth                    | COLD<br>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 - Bucktail Creek to mouth        |              |            |       |
| S-8   | South Fork Big Deer Creek -source to Bucktail Creek        |              |            |       |
| S-9   | Bucktail Creek - source to mouth                           | NONE         | NONE       |       |
| S-10  | Panther Creek - Napias Creek to Big Deer Creek             | COLD<br>SS   | SCR        |       |
| S-11  | Panther Creek - Blackbird Creek to Napias Creek            | COLD<br>SS   | SCR        |       |
| S-12a | Blackbird Creek - source to Blackbird Reservoir Dam        | COLD<br>SS   | SCR        |       |
| S-12b | Blackbird Creek - Blackbird Reservoir Dam to mouth         | NONE         | SCR        |       |
| S-13a | West Fork Blackbird Creek - source to concrete channel     | COLD<br>SS   | SCR        |       |
| S-13b | West Fork Blackbird Creek - concrete channel to mouth only | NONE         | SCR        |       |
| S-14  | Panther Creek - Porphyry Creek to Blackbird Creek          | COLD<br>SS   | PCR        | DWS   |
| S-15  | Musgrove Creek - source to mouth                           |              |            |       |
| S-16  | Porphyry Creek - source to mouth                           |              |            |       |
| S-17  | Panther Creek - source to Porphyry Creek                   | COLD<br>SS   | PCR        | DWS   |
| S-18  | Moyer Creek - source to mouth                              |              |            |       |

| <b>Unit</b> | <b>Waters</b>   | <b>Aquatic Life</b> | <b>Recreation</b> | <b>Other</b> |
|-------------|---|---------------------|-------------------|--------------|
| S-19        | Woodtick Creek - source to mouth  |                     |                   |              |
| S-20        | Deep Creek - Little Deep Creek to mouth                                     |                     |                   |              |
| S-21        | Little Deep Creek - source to mouth   |                     |                   |              |
| S-22        | Deep Creek - source to Little Deep Creek                                    |                     |                   |              |
| S-23        | Napias Creek - Moccasin Creek to mouth                                      |                     |                   |              |
| S-24        | Napias Creek - Arnett Creek to and including Moccasin Creek                 |                     |                   |              |
| S-25        | Napias Creek - source to Arnett Creek                                       |                     |                   |              |
| S-26        | Arnett Creek - source to mouth  |                     |                   |              |
| S-27        | Trail Creek - source to mouth   |                     |                   |              |
| S-28        | Beaver Creek - source to mouth  |                     |                   |              |
| S-29        | Salmon River - Indian Creek to Panther Creek                                | COLD<br>SS          | PCR               | DWS          |
| S-30        | Pine Creek - source to mouth  |                     |                   |              |
| S-31        | East Boulder Creek - source to mouth  |                     |                   |              |
| S-32        | Salmon River - North Fork Sheep Creek to Indian Creek                       | COLD<br>SS          | PCR               | DWS          |
| S-33        | Moose Creek - Little Moose Creek to mouth                                   |                     |                   |              |
| S-34        | Little Moose Creek - source to mouth  |                     |                   |              |
| S-35        | Moose Creek - Dolly Creek to Little Moose Creek                             |                     |                   |              |
| S-36        | Moose Creek - source to Dolly Creek   |                     |                   |              |
| S-37        | Dolly Creek - source to mouth   |                     |                   |              |
| S-38        | Dump Creek - Moose Creek to mouth   |                     |                   |              |
| S-39        | Salmon River - Carmen Creek to North Fork Salmon River                      | COLD<br>SS          | PCR               | DWS          |
| S-40        | Wallace Creek - source to mouth   |                     |                   |              |
| S-41        | Salmon River - Pollard Creek to Carmen Creek                                | COLD<br>SS          | PCR               | DWS          |
| S-42        | Salmon River - Williams Creek to Pollard Creek                              | COLD<br>SS          | PCR               | DWS          |
| S-43        | Williams Creek - confluence of North and South Fork Williams Creek to mouth |                     |                   |              |
| S-44        | North Fork Williams Creek - source to mouth                                 |                     |                   |              |
| S-45        | South Fork Williams Creek - source to mouth                                 |                     |                   |              |
| S-46        | Salmon River - Twelvemile Creek to Williams Creek                           | COLD<br>SS          | PCR               | DWS          |

| Unit | Waters   | Aquatic Life | Recreation | Other |
|------|--|--------------|------------|-------|
| S-47 | Salmon River - Iron Creek to Twelvemile Creek                | COLD<br>SS   | PCR        | DWS   |
| S-48 | Iron Creek - North Fork Iron Creek to mouth                  |              |            |       |
| S-49 | North Fork Iron Creek - source to mouth                      |              |            |       |
| S-50 | Iron Creek - source to North Fork Iron Creek                 |              |            |       |
| S-51 | West Fork Iron Creek - source to mouth                       |              |            |       |
| S-52 | South Fork Iron Creek - source to mouth                      |              |            |       |
| S-53 | Salmon River - Pahsimeroi River to Iron Creek                | COLD<br>SS   | PCR        | DWS   |
| S-54 | Hot Creek - source to mouth                                  |              |            |       |
| S-55 | Cow Creek - source to mouth                                  |              |            |       |
| S-56 | Allison Creek - source to mouth                              |              |            |       |
| S-57 | McKim Creek - source to mouth                                |              |            |       |
| S-58 | Poison Creek - source to mouth                               |              |            |       |
| S-59 | Warm Springs Creek - source to mouth                         |              |            |       |
| S-60 | Twelvemile Creek - source to mouth                           |              |            |       |
| S-61 | Carmen Creek - Freeman Creek to mouth                        |              |            |       |
| S-62 | Freeman Creek - source to mouth                              |              |            |       |
| S-63 | Carmen Creek - source to Freeman Creek                       |              |            |       |
| S-64 | Tower Creek - source to mouth                                |              |            |       |
| S-65 | Fourth of July Creek - Little Fourth of July Creek to mouth  |              |            |       |
| S-66 | Fourth of July Creek - source to Little Fourth of July Creek |              |            |       |
| S-67 | Little Fourth of July Creek - source to mouth                |              |            |       |
| S-68 | North Fork Salmon River - Hughes Creek to mouth              | COLD<br>SS   | PCR        | DWS   |
| S-69 | Big Silverlead Creek - source to mouth                       |              |            |       |
| S-70 | North Fork Salmon River - Sheep Creek to Hughes Creek        | COLD<br>SS   | PCR        | DWS   |
| S-71 | Sheep Creek - source to mouth                                |              |            |       |
| S-72 | North Fork Salmon River - Dahlonaga Creek to Sheep Creek     | COLD<br>SS   | PCR        | DWS   |
| S-73 | Dahlonaga Creek - Nez Perce Creek to mouth                   |              |            |       |
| S-74 | Dahlonaga Creek - source to Nez Perce Creek                  |              |            |       |
| S-75 | Nez Perce Creek - source to mouth                            |              |            |       |
| S-76 | Anderson Creek - source to mouth                             |              |            |       |

| Unit | Waters   | Aquatic Life | Recreation | Other |
|------|--|--------------|------------|-------|
| S-77 | North Fork Salmon River - Twin Creek to Dahlonge Creek | COLD<br>SS   | PCR        | DWS   |
| S-78 | North Fork Salmon River - source to Twin Creek         | COLD<br>SS   | PCR        | DWS   |
| S-79 | Pierce Creek - source to mouth                         |              |            |       |
| S-80 | Twin Creek - source to mouth                           |              |            |       |
| S-81 | Hughes Creek - source to mouth                         |              |            |       |
| S-82 | Hull Creek - source to mouth                           |              |            |       |
| S-83 | Indian Creek - source to mouth                         |              |            |       |
| S-84 | Squaw Creek - source to mouth                          |              |            |       |
| S-85 | Spring Creek - source to mouth                         |              |            |       |
| S-86 | Boulder Creek - source to mouth                        |              |            |       |
| S-87 | Owl Creek - East Fork Owl Creek to mouth               |              |            |       |
| S-88 | East Fork Owl Creek - source to mouth                  |              |            |       |
| S-89 | Owl Creek - source to East Fork Owl Creek              |              |            |       |
| S-90 | Colson Creek - source to mouth                         |              |            |       |

(3-29-12)

**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<br>SS   | PCR        | DWS   |
| 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<br>SS   | SCR        |       |
| S-4  | Haynes Creek - source to mouth                               |              |            |       |
| S-5  | Lemhi River - Hayden Creek to Kenney Creek                   | COLD<br>SS   | PCR        | DWS   |
| 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<br>SS   | SCR        |       |
| S-8  | Muddy Creek - source to mouth                                |              |            |       |

| Unit  | Waters  | Aquatic Life | Recreation | Other |
|-------|---|--------------|------------|-------|
| S-9   | Hayden Creek - Basin Creek to mouth   | COLD<br>SS   | SCR        |       |
| S-10  | Basin Creek - Lake Creek to mouth   | COLD<br>SS   | SCR        |       |
| S-11  | Basin Creek - confluence of McNutt Creek and Trail Creek to Lake Creek  | COLD<br>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<br>SS   | SCR        |       |
| S-16  | Bear Valley Creek -Wright Creek to mouth  | COLD<br>SS   | SCR        |       |
| S-17  | Bear Valley Creek - source to Wright Creek  | COLD<br>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<br>SS   | SCR        |       |
| S-21  | Hayden Creek - source to West Fork Hayden Creek   | COLD<br>SS   | SCR        |       |
| S-22  | West Fork Hayden Creek - source to mouth  |              |            |       |
| S-23  | East Fork Hayden Creek - source to mouth  | COLD<br>SS   | SCR        |       |
| S-24  | Lemhi River - Peterson Creek to Hayden Creek  | COLD<br>SS   | PCR        | DWS   |
| S-25  | Lemhi River - confluence of Big and Little Eightmile Creeks to Peterson Creek                                       | COLD<br>SS   | PCR        | DWS   |
| S-26a | Mill Creek - diversion (T16N, R24E, Sec. 22) to mouth   |              |            |       |
| S-26b | Mill Creek - source to diversion (T16N, R24E, Sec. 22)  | COLD<br>SS   | SCR        |       |
| 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<br>SS   | SCR        |       |
| S-30  | Lemhi River - confluence of Eighteenmile Creek and Texas Creek to the confluence of Big and Little Eightmile Creeks | COLD<br>SS   | PCR        | DWS   |

| Unit  | Waters   | Aquatic Life | Recreation | Other |
|-------|--|--------------|------------|-------|
| 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<br>SS   | SCR        |       |
| S-33  | Big Timber Creek - Rocky Creek to Little Timber Creek              | COLD<br>SS   | SCR        |       |
| S-34  | Rocky Creek - source to mouth                                      |              |            |       |
| S-35  | Big Timber Creek - source to Rocky Creek                           | COLD<br>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<br>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<br>SS   | SCR        |       |
| 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<br>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           |              |            |       |



| Unit  | Waters  | Aquatic Life | Recreation | Other |
|-------|---|--------------|------------|-------|
| S-55b | Yearian Creek - source to diversion (T17N, R24E, Sec. 03)   | COLD<br>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<br>SS   | SCR        |       |
| S-57  | Cow Creek - source to mouth                                 | COLD<br>SS   | SCR        |       |
| S-58  | Agency Creek - source to Cow Creek                          | COLD<br>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<br>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<br>SS   | SCR        |       |
| S-61  | Kenney Creek - source to mouth                              | COLD<br>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<br>SS   | SCR        |       |
| S-63  | Wimpey Creek - source to mouth                              | COLD<br>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<br>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<br>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<br>SS   | SCR        |       |

(3-29-12)

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

| <b>Unit</b> | <b>Waters</b>  | <b>Aquatic Life</b> | <b>Recreation</b> | <b>Other</b> |
|-------------|--|---------------------|-------------------|--------------|
| S-1         | Middle Fork Salmon River - confluence of Bear Valley Creek and Marsh Creek to Loon Creek | COLD<br>SS          | PCR               | DWS          |
| 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  |                     |                   |              |
| S-32        | Bear Creek - source to mouth   |                     |                   |              |

| <b>Unit</b> | <b>Waters</b>   | <b>Aquatic Life</b> | <b>Recreation</b> | <b>Other</b> |
|-------------|---|---------------------|-------------------|--------------|
| 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                 |              |            |       |

(3-29-12)

**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<br>SS   | PCR        | DWS   |
| S-2  | Papoose Creek - source to mouth                |              |            |       |
| S-3  | Big Creek - source to mouth                    | COLD<br>SS   | PCR        | DWS   |
| 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<br>SS   | PCR        | DWS   |
| 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      |              |            |       |

| Unit | Waters   | Aquatic Life | Recreation | Other |
|------|--|--------------|------------|-------|
| S-21 | Camas Creek - Forge Creek to Yellowjacket Creek          |              |            |       |
| 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                             |              |            |       |

(3-29-12)

**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        | DWS   |
| 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<br>SS   | PCR        | DWS   |
| 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<br>SS   | PCR        | DWS   |
| 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<br>SS   | PCR        | DWS   |
| 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                          |              |            |       |

| Unit | Waters                               | Aquatic Life | Recreation | Other |
|------|--------------------------------------|--------------|------------|-------|
| S-64 | Big Blowout Creek - source to mouth  |              |            |       |
| 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       |              |            |       |

(3-29-12)

**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<br>SS   | PCR        | DWS   |
| S-2  | Raines Creek - source to mouth                                     | COLD<br>SS   | PCR        |       |
| S-3  | Pony Creek - source to mouth                                       | COLD<br>SS   | PCR        |       |
| S-4  | Bear Creek - source to mouth                                       | COLD<br>SS   | PCR        |       |
| S-5  | Secesh River - confluence of Summitt Creek and Lake Creek to mouth | COLD<br>SS   | PCR        | DWS   |
| S-6  | Lake Creek - source to mouth                                       | COLD<br>SS   | PCR        |       |
| S-7  | Summit Creek - source to mouth                                     | COLD<br>SS   | PCR        |       |
| S-8  | Loon Creek - source to mouth                                       | COLD<br>SS   | PCR        |       |



| <b>Unit</b> | <b>Waters</b>  | <b>Aquatic Life</b> | <b>Recreation</b> | <b>Other</b> |
|-------------|--|---------------------|-------------------|--------------|
| S-9         | Lick Creek - source to mouth   | COLD<br>SS          | PCR               |              |
| S-10        | South Fork Salmon River - source to East Fork of the South Fork Salmon River | COLD<br>SS          | PCR               | DWS          |
| S-11        | Fitsum Creek - source to mouth   | COLD<br>SS          | PCR               |              |
| S-12        | Buckhorn Creek - source to mouth   | COLD<br>SS          | PCR               |              |
| S-13        | Cougar Creek - source to mouth   | COLD<br>SS          | PCR               |              |
| S-14        | Blackmare Creek - source to mouth  | COLD<br>SS          | PCR               |              |
| S-15        | Dollar Creek - source to mouth   | COLD<br>SS          | PCR               |              |
| S-16        | Six-bit Creek - source to mouth  | COLD<br>SS          | PCR               |              |
| S-17        | Trail Creek - source to mouth  | COLD<br>SS          | PCR               |              |
| S-18        | Rice Creek - source to mouth   | COLD<br>SS          | PCR               |              |
| S-19        | Cabin Creek - source to mouth  | COLD<br>SS          | PCR               |              |
| S-20        | Warm Lake  | COLD                | PCR               |              |
| S-21        | Fourmile Creek - source to mouth   | COLD<br>SS          | PCR               |              |
| S-22        | Camp Creek - source to mouth   | COLD<br>SS          | PCR               |              |
| S-23        | East Fork of the South Fork Salmon River - source to mouth                   | COLD<br>SS          | PCR               | DWS          |
| S-24        | Caton Creek - source to mouth  | COLD<br>SS          | PCR               |              |
| S-25        | Johnson Creek - source to mouth  | COLD<br>SS          | PCR               | DWS          |
| S-26        | Burntlog Creek - source to mouth   | COLD<br>SS          | PCR               |              |
| S-27        | Trapper Creek - source to mouth  | COLD<br>SS          | PCR               |              |
| S-28        | Riordan Creek - source to mouth  | COLD<br>SS          | PCR               |              |

| Unit | Waters                           | Aquatic Life | Recreation | Other |
|------|----------------------------------|--------------|------------|-------|
| S-29 | Sugar Creek - source to mouth    | COLD<br>SS   | PCR        |       |
| S-30 | Tamarack Creek - source to mouth | COLD<br>SS   | PCR        |       |
| S-31 | Profile Creek - source to mouth  | COLD<br>SS   | PCR        |       |
| S-32 | Quartz Creek - source to mouth   | COLD<br>SS   | PCR        |       |
| S-33 | Sheep Creek - source to mouth    | COLD<br>SS   | PCR        |       |
| S-34 | Elk Creek - source to mouth      | COLD<br>SS   | PCR        |       |
| S-35 | Porphyry Creek - source to mouth | COLD<br>SS   | PCR        |       |

(3-29-12)

**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        | DWS   |
| 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                            |              |            |       |
| S-7  | Rice Creek - source to mouth                                    |              |            |       |
| S-8  | Salmon River - Slate Creek to Rice Creek                        | COLD         | PCR        | DWS   |
| 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        | DWS   |
| 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                         |              |            |       |

| Unit | Waters  | Aquatic Life | Recreation | Other |
|------|---|--------------|------------|-------|
| 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        | DWS   |
| 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   |              |            |       |
| 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<br>SS   | PCR        | DWS   |
| S-48 | South Fork Whitebird Creek - Little Whitebird Creek to mouth                      |              |            |       |

| Unit | Waters  | Aquatic Life | Recreation | Other |
|------|---|--------------|------------|-------|
| 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<br>SS   | PCR        |       |
| S-57 | Rock Creek - source to Grave Creek                            | COLD<br>SS   | PCR        |       |
| 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                             |              |            |       |

(3-29-12)

**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<br>SS   | PCR        | DWS   |
| S-2  | Rapid River - source to mouth                      | COLD<br>SS   | PCR        | DWS   |
| 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<br>SS   | PCR        | DWS   |
| S-8  | Mud Creek - source to mouth                        |              |            |       |

| Unit | Waters                          | Aquatic Life | Recreation | Other |
|------|---------------------------------|--------------|------------|-------|
| 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     |              |            |       |

(3-29-12)

**131. -- 139. (RESERVED)**

**140. SOUTHWEST IDAHO BASIN.**

Surface waters found within the Southwest basin total nineteen (19) subbasins and are designated as follows:

(4-5-00)

**01. 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        | DWS   |
| SW-2  | Dune's Lake                                   |              |            |       |
| SW-3  | Browns Creek - source to mouth                |              |            |       |
| SW-4  | West Fork Browns Creek - source to mouth      |              |            |       |
| SW-5  | Snake River - Clover Creek to Browns Creek    | COLD         | PCR        | DWS   |
| 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               |              |            |       |

| Unit  | Waters  | Aquatic Life | Recreation | Other |
|-------|---|--------------|------------|-------|
| 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   |              |            |       |

(3-29-12)

**02. 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        |       |
| 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   |              |            |       |
| 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<br>SS   | PCR        |       |
| SW-10 | Hot Creek - source to mouth  |              |            |       |
| SW-11 | Bruneau River - Clover Creek (East Fork Bruneau River) to Hot Creek              | COLD<br>SS   | PCR        | DWS   |
| SW-12 | Miller Water - source to mouth   |              |            |       |
| SW-13 | Bruneau River - Jarbridge River to Clover Creek (East Fork Bruneau River)        | COLD<br>SS   | PCR        | DWS   |
| SW-14 | Sheep Creek - Idaho/Nevada border to mouth                                       | COLD         | PCR        |       |
| SW-15 | Louse Creek - source to mouth  |              |            |       |

| Unit  | Waters   | Aquatic Life | Recreation | Other |
|-------|--|--------------|------------|-------|
| 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<br>SS   | PCR        | DWS   |
| SW-21 | Jarbridge River -Idaho/Nevada border to mouth  | COLD<br>SS   | PCR        | DWS   |
| 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<br>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<br>SS   | PCR        | DWS   |
| 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  |              |            |       |
| SW-34 | Deadwood Creek - Idaho/Nevada to mouth   |              |            |       |
| SW-35 | Buck Flat Draw - source to mouth   |              |            |       |

(3-29-12)

**03. 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<br>SS   | PCR        |       |
| SW-3 | Succor Creek - source to Idaho/Oregon border                              | COLD<br>SS   | PCR        |       |

| Unit  | Waters  | Aquatic Life | Recreation | Other |
|-------|---|--------------|------------|-------|
| 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        | DWS   |
| SW-7  | Squaw Creek - source to mouth   |              |            |       |
| SW-8  | Hardtrigger Creek - source to mouth                                   |              |            |       |
| SW-9  | Reynolds Creek - source to mouth                                      | COLD<br>SS   | PCR        |       |
| SW-10 | West Rabbit Creek - source to mouth                                   |              |            |       |
| SW-11 | Rabbit Creek - source to mouth  |              |            |       |
| SW-12 | Sinker Creek - source to mouth  | COLD<br>SS   | PCR        |       |
| SW-13 | Fossil Creek - source to mouth  |              |            |       |
| SW-14 | Castle Creek - source to mouth  | COLD<br>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  |              |            |       |
| 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  |              |            |       |

(3-29-12)

**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<br>SS   | PCR        | DWS   |
| SW-2 | Unnamed Tributaries and playas of YP Desert (T14S, R04W) |              |            |       |



| Unit  | Waters  | Aquatic Life | Recreation | Other |
|-------|---|--------------|------------|-------|
| 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<br>SS   | PCR        | DWS   |
| 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                               |              |            |       |
| 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        |       |

(3-29-12)

**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<br>SS   | PCR        | DWS   |
| SW-2 | Spring Creek - source to mouth                         |              |            |       |
| SW-3 | Bull Camp Reservoir                                    |              |            |       |
| SW-4 | Homer Wells Reservoir                                  |              |            |       |
| SW-5 | Coyote Flat - source to mouth                          |              |            |       |

(3-29-12)

**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<br>SS   | PCR        | DWS   |
| SW-2 | Tent Creek- Idaho/Oregon border to mouth           |              |            |       |

(3-29-12)

**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<br>SS   | PCR        | DWS   |
| 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<br>SS   | PCR        | DWS   |
| SW-5 | Pole Creek - source to Idaho/Oregon border                    |              |            |       |
| SW-6 | Squaw Creek - source to Idaho/Oregon border                   | COLD<br>SS   | PCR        |       |
| SW-7 | Cottonwood Creek - source to mouth                            |              |            |       |
| SW-8 | North Fork Owyhee River - source to Idaho/Oregon border       | COLD<br>SS   | PCR        | DWS   |
| SW-9 | Pleasant Valley Creek - source to mouth                       | COLD         | PCR        |       |

| Unit  | Waters  | Aquatic Life | Recreation | Other |
|-------|---|--------------|------------|-------|
| SW-10 | Noon Creek - source to mouth                  | COLD<br>SS   | PCR        |       |
| SW-11 | Cabin Creek - source to mouth                 | COLD<br>SS   | PCR        |       |
| SW-12 | Juniper Creek - source to mouth               | COLD<br>SS   | PCR        |       |
| SW-13 | Cherry Creek - source to Idaho/Oregon border  |              |            |       |
| SW-14 | Soldier Creek - source to Idaho/Oregon border |              |            |       |

(3-29-12)

**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<br>SS   | PCR        |       |
| 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<br>SS   | PCR        |       |
| SW-5  | Big Boulder Creek - confluence of North and South Fork<br>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                                       |              |            |       |
| 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                                       |              |            |       |

| Unit  | Waters                                       | Aquatic Life | Recreation | Other |
|-------|--|--------------|------------|-------|
| 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 |              |            |       |

(3-29-12)

**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<br>SS   | PCR        | DWS   |
| SW-2  | East Fork Roaring River -source to mouth    | COLD<br>SS   | PCR        |       |
| SW-3  | Hot Creek - source to mouth                 | COLD<br>SS   | SCR        |       |
| SW-4  | Yuba River - source to mouth                | COLD<br>SS   | SCR        |       |
| SW-5  | Decker Creek - source to mouth              | COLD<br>SS   | SCR        |       |
| SW-6  | Queens River - source to mouth              | COLD<br>SS   | SCR        |       |
| SW-7  | Little Queens River - source to mouth       | COLD<br>SS   | SCR        |       |
| SW-8  | Black Warrior Creek - source to mouth       | COLD<br>SS   | SCR        |       |
| SW-9  | Browns Creek - source to mouth              | COLD<br>SS   | PCR        |       |
| SW-10 | North Fork Boise River - source to mouth    | COLD<br>SS   | PCR        | DWS   |
| SW-11 | Johnson Creek - source to mouth             | COLD<br>SS   | SCR        |       |
| SW-12 | Bear River - source to mouth                | COLD<br>SS   | SCR        |       |
| SW-13 | Big Owl/Little Owl Creeks - source to mouth | COLD<br>SS   | PCR        |       |
| SW-14 | Crooked River - source to mouth             | COLD<br>SS   | PCR        |       |

| Unit  | Waters                         | Aquatic Life | Recreation | Other |
|-------|--------------------------------|--------------|------------|-------|
| SW-15 | Rabbit Creek - source to mouth | COLD<br>SS   | PCR        |       |
| SW-16 | Meadow Creek - source to mouth | COLD         | SCR        |       |
| SW-17 | French Creek - source to mouth | COLD<br>SS   | SCR        |       |

(3-29-12)

**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<br>SS   | PCR        | DWS   |
| SW-2  | Arrowrock Reservoir (Boise River)   | COLD<br>SS   | PCR        | DWS   |
| SW-3  | Grouse Creek - source to Arrowrock Reservoir  |              |            |       |
| SW-4  | Boise River - confluence of North and Middle Fork Boise Rivers to Arrowrock Reservoir | COLD<br>SS   | PCR        | DWS   |
| 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<br>SS   | PCR        | 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<br>SS   | PCR        |       |
| SW-16 | Daggett Creek - source to mouth   |              |            |       |
| SW-17 | Robie Creek - source to Lucky Peak Reservoir  | COLD<br>SS   | PCR        |       |

(3-29-12)

**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<br>SS   | PCR        | DWS   |
| SW-2a | Willow Creek - Cottonwood Creek to Arrowrock Reservoir                      | COLD<br>SS   | PCR        |       |
| SW-2b | Willow Creek - source to Cottonwood Creek                                   |              |            |       |
| SW-3  | Wood Creek - source to mouth  | COLD<br>SS   | PCR        |       |
| SW-4  | South Fork Boise River - Anderson Ranch Dam to Arrowrock Reservoir          | COLD<br>SS   | PCR        | DWS   |
| SW-5  | Anderson Ranch Reservoir (Boise River)                                      | COLD<br>SS   | PCR        | DWS   |
| SW-6  | Little Camas Creek - Little Camas Reservoir Dam to Anderson Ranch Reservoir |              |            |       |
| SW-7  | Little Camas Creek Reservoir  | SC           | PCR        |       |
| 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                             | COLD<br>SS   | SCR        |       |
| SW-11 | South Fork Lime Creek - source to mouth                                     |              |            |       |
| SW-12 | Deer Creek - source to Anderson Ranch Reservoir                             | COLD<br>SS   | SCR        |       |
| SW-13 | South Fork Boise River - Willow Creek to Anderson Ranch Reservoir           | COLD<br>SS   | PCR        | DWS   |
| SW-14 | Grouse Creek - source to mouth  | COLD<br>SS   | PCR        |       |
| SW-15 | South Fork Boise River - Little Smoky Creek to Willow Creek                 | COLD<br>SS   | PCR        | DWS   |
| SW-16 | Beaver Creek - source to mouth  | COLD<br>SS   | SCR        |       |
| SW-17 | Boardman Creek - source to mouth  | COLD<br>SS   |            |       |
| SW-18 | Little Smoky Creek - source to mouth  | COLD<br>SS   | SCR        |       |
| SW-19 | Big Smoky Creek - source to mouth   | COLD<br>SS   | PCR        |       |
| SW-20 | Paradise Creek - source to mouth  | COLD<br>SS   | SCR        |       |

| Unit  | Waters  | Aquatic Life | Recreation | Other |
|-------|---|--------------|------------|-------|
| SW-21 | South Fork Boise River - confluence of Ross Fork and Johnson Creeks to Little Smoky Creek | COLD<br>SS   | PCR        | DWS   |
| SW-22 | Johnson Creek - source to mouth   |              |            |       |
| SW-23 | Ross Fork - source to mouth   | COLD<br>SS   | PCR        |       |
| SW-24 | Skeleton Creek - source to mouth  | COLD<br>SS   | PCR        |       |
| SW-25 | Willow Creek - source to South Fork Boise River   |              |            |       |
| SW-26 | Shake Creek - source to mouth   | COLD<br>SS   | PCR        |       |
| SW-27 | Feather Creek - source to mouth   | COLD<br>SS   | PCR        |       |
| SW-28 | Trinity Creek - source to mouth   | COLD<br>SS   | PCR        |       |
| SW-29 | Green Creek - source to mouth   | COLD<br>SS   | SCR        |       |
| SW-30 | Dog Creek - source to mouth   | COLD<br>SS   | PCR        |       |
| SW-31 | Fall Creek - source to Anderson Ranch Reservoir   | COLD<br>SS   | PCR        |       |
| SW-32 | Smith Creek - source to mouth   | COLD<br>SS   | PCR        |       |
| SW-33 | Rattlesnake Creek - source to Arrowrock Reservoir   | COLD<br>SS   | SCR        |       |

(3-29-12)

**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        |       |
| SW-2  | Indian Creek - Sugar Ave. (T03N, R02W, Sec. 15) to mouth                                | COLD         | SCR        |       |
| SW-3a | Split between New York Canal and historic creek bed to Sugar Ave. (T03N, R02W, Sec. 15) | COLD<br>SS   | SCR        |       |
| SW-3b | Indian Creek Reservoir to split between New York Canal and historic creek bed           | COLD         | SCR        |       |
| SW-3c | Indian Creek Reservoir  | COLD         | PCR        |       |
| SW-3d | Indian Creek - source to Indian Creek Reservoir   | COLD         | SCR        |       |

| Unit   | Waters   | Aquatic Life | Recreation | Other |
|--------|--|--------------|------------|-------|
| SW-4   | Lake Lowell  | WARM         | PCR        |       |
| SW-5   | Boise River - river mile 50 (T04N, R02W, Sec. 32) to Indian Creek  | COLD<br>SS   | PCR        |       |
| SW-6   | Mason Creek - New York Canal to mouth                              |              | SCR        |       |
| SW-7   | Fifteenmile Creek - Miller Canal to mouth                          |              | SCR        |       |
| 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<br>SS   | PCR        | DWS   |
| SW-11b | Boise River - Lucky Peak Dam to Diversion Dam                      | COLD         | PCR        | DWS   |
| 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                                     |              |            |       |
| SW-15  | Willow Creek - source to mouth                                     |              |            |       |
| SW-16  | Langley/Graveyard Gulch complex                                    |              |            |       |
| SW-17  | Sand Hollow Creek - source to mouth                                |              | SCR        |       |

(3-29-12)

**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 - the Idaho/Oregon border to Weiser River | COLD         | PCR        | 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                         |              |            |       |

(3-20-04)

**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<br>SS   | PCR        | DWS   |



| Unit  | Waters   | Aquatic Life | Recreation | Other |
|-------|--|--------------|------------|-------|
| 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<br>SS   | PCR        | DWS   |
| 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                                  |              |            |       |
| SW-14 | Deadwood River - Deadwood Reservoir Dam to mouth               | COLD<br>SS   | PCR        | DWS   |
| 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<br>SS   | PCR        | DWS   |
| SW-19 | Deadwood River - source to Deadwood Reservoir                  | COLD<br>SS   | PCR        | DWS   |
| SW-20 | Scott Creek - source to mouth                                  |              |            |       |
| SW-21 | Big Pine Creek - source to mouth                               |              |            |       |

(3-29-12)

**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<br>SS   | PCR        | DWS   |
| SW-2 | Anderson Creek - source to mouth                       | COLD<br>SS   | PCR        |       |
| SW-3 | Lightning Creek - source to mouth                      | COLD<br>SS   | PCR        |       |

| Unit  | Waters  | Aquatic Life | Recreation | Other |
|-------|---|--------------|------------|-------|
| SW-4  | Big Bulldog Creek - source to mouth                     | COLD<br>SS   | PCR        |       |
| SW-5  | Middle Fork Payette River - source to Big Bulldog Creek | COLD<br>SS   | PCR        | DWS   |
| SW-6  | Rattlesnake Creek - source to mouth                     | COLD<br>SS   | PCR        |       |
| SW-7  | Silver Creek - source to mouth                          | COLD<br>SS   | PCR        |       |
| SW-8  | Peace Creek - source to mouth                           | COLD<br>SS   | PCR        |       |
| SW-9  | Bull Creek - source to mouth                            | COLD<br>SS   | PCR        |       |
| SW-10 | Scriver Creek - source to mouth                         | COLD<br>SS   | PCR        |       |

(3-29-12)

**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<br>SS   | PCR        | DWS   |
| SW-2  | Black Canyon Reservoir   | COLD<br>SS   | PCR        | DWS   |
| SW-3  | Payette River - confluence of the North Fork and South Fork Payette Rivers to Black Canyon Reservoir | COLD<br>SS   | PCR        | DWS   |
| SW-4  | Shafer Creek - source to mouth   | COLD<br>SS   | PCR        |       |
| SW-5  | Harris Creek - source to mouth   | COLD<br>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<br>SS   | PCR        | DWS   |
| SW-9  | Deer Creek - source to mouth   |              |            |       |
| SW-10 | Squaw Creek - source to mouth  | COLD<br>SS   | PCR        |       |
| SW-11 | Little Squaw Creek - source to mouth   |              |            |       |

| Unit  | Waters  | Aquatic Life | Recreation | Other |
|-------|---|--------------|------------|-------|
| 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<br>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                                    |              |            |       |
| SW-21 | Little Willow Creek - source to Paddock Valley Reservoir    |              |            |       |

(3-29-12)

**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<br>SS   | PCR        | DWS   |
| 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<br>SS   | PCR        | DWS   |
| SW-8  | Gold Fork - source to Cascade Reservoir                   | COLD<br>SS   | PCR        | DWS   |
| 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<br>SS   | PCR        | DWS   |
| SW-13 | Little Payette Lake                                       | COLD<br>SS   | PCR        |       |

| Unit  | Waters  | Aquatic Life | Recreation | Other |
|-------|---|--------------|------------|-------|
| SW-14 | Lake Fork - source to Little Payette Lake                     | COLD<br>SS   | PCR        | DWS   |
| SW-15 | Mud Creek - source to Cascade Reservoir                       |              |            |       |
| SW-16 | North Fork Payette River - Payette Lake to Cascade Reservoir  | COLD<br>SS   | PCR        | DWS   |
| SW-17 | Payette Lake  | COLD<br>SS   | PCR        | DWS   |
| SW-18 | North Fork Payette River - Upper Payette Lake to Payette Lake | COLD<br>SS   | PCR        | DWS   |
| SW-19 | Upper Payette Lake  | COLD<br>SS   | PCR        | DWS   |
| SW-20 | Twentymile Creek - source to mouth                            | COLD<br>SS   | PCR        |       |
| SW-21 | North Fork Payette River - source to Upper Payette Lake       | COLD<br>SS   | PCR        | DWS   |
| SW-22 | Fisher Creek - source to mouth                                |              |            |       |

(3-29-12)

**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        | DWS   |
| SW-2  | Cove Creek - source to mouth                             |              |            |       |
| SW-3  | Crane Creek - Crane Creek Reservoir Dam to mouth         | COLD         | PCR        |       |
| SW-4  | Crane Creek Reservoir                                    | COLD         | PCR        |       |
| 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        | DWS   |
| SW-8  | Little Weiser River - source to mouth                    | COLD<br>SS   | PCR        | 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                            |              |            |       |

| Unit  | Waters  | Aquatic Life | Recreation | Other |
|-------|---|--------------|------------|-------|
| SW-14 | Middle Fork Weiser River - source to mouth      | COLD<br>SS   | PCR        | DWS   |
| 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<br>SS   | PCR        | DWS   |
| 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<br>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<br>SS   | PCR        |       |
| 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<br>SS   | PCR        |       |
| SW-31 | Mann Creek Reservoir                            | COLD<br>SS   | PCR        |       |
| SW-32 | Mann Creek - source to Mann Creek Reservoir     | COLD<br>SS   | PCR        |       |
| SW-33 | Monroe Creek - source to mouth                  |              |            |       |

(3-29-12)

**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         | PCR        | DWS   |
| SW-2 | Snake River (Oxbow Reservoir) - Brownlee Dam to Oxbow Dam            | COLD         | PCR        | DWS   |
| SW-3 | Snake River (Brownlee Reservoir) - Scott Creek to Brownlee Dam       | COLD         | PCR        | DWS   |

| Unit  | Waters  | Aquatic Life | Recreation | Other |
|-------|---|--------------|------------|-------|
| SW-4  | Snake River - Weiser River to Scott Creek                                       | COLD         | PCR        | 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<br>SS   | PCR        |       |
| SW-16 | Bear Creek - source to mouth  | COLD<br>SS   | PCR        |       |
| SW-17 | Indian Creek - source to mouth  |              |            |       |

(3-29-12)

**141. -- 149. (RESERVED)**

**150. UPPER SNAKE BASIN.**

Surface waters found within the Upper Snake basin total twenty-three (23) subbasins and are designated as follows:  
 (4-5-00)

**01. 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<br>SS   | PCR        | DWS   |
| US-2 | Antelope Creek - source to mouth   |              |            |       |
| US-3 | Snake River - Fall Creek to Black Canyon Creek                           | COLD<br>SS   | PCR        | DWS   |
| 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                                  |              |            |       |

| Unit  | Waters  | Aquatic Life | Recreation | Other |
|-------|---|--------------|------------|-------|
| US-8  | Snake River - Palisades Reservoir Dam to Fall Creek         | COLD<br>SS   | PCR        | DWS   |
| US-9  | Indian Creek - source to mouth                              |              |            |       |
| US-10 | Palisades Reservoir   | COLD<br>SS   | PCR        | DWS   |
| 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 |              |            |       |
| 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                        |              |            |       |

(3-29-12)

**02. 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<br>(T04S, R46E) |              |            |       |
| US-2 | Jackknife Creek - source to Idaho/Wyoming border                           |              |            |       |
| US-3 | Tincup Creek - source to Idaho/Wyoming border                              |              |            |       |

| Unit  | Waters   | Aquatic Life | Recreation | Other |
|-------|--|--------------|------------|-------|
| 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   |              |            |       |

(4-5-00)

**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<br>SS   | PCR        | 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                                     |              |            |       |
| 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<br>SS   | PCR        | 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<br>SS   | PCR        | DWS   |
| US-13 | Snake River - river mile 856 (T03N, R41E, Sec. 16) to Dry Bed Creek | COLD<br>SS   | PCR        | DWS   |
| US-14 | Lyons Creek - source to mouth                                       |              |            |       |
| US-15 | Unnamed Tributary - source to mouth (T8N, R38E)                     |              |            |       |
| US-16 | Market Lake   |              |            |       |



| Unit  | Waters               | Aquatic Life | Recreation | Other |
|-------|----------------------|--------------|------------|-------|
| US-17 | Kettle Butte complex |              |            |       |

(4-5-00)

**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 - Warm River to Ashton Reservoir Dam                               | COLD<br>SS   | PCR        | DWS   |
| US-2  | Warm River - Warm River Spring to mouth  | COLD<br>SS   | PCR        | DWS   |
| US-3  | Moose Creek - source to confluence with Warm River                             |              |            |       |
| US-4  | Partridge Creek - source to mouth  |              |            |       |
| US-5  | Warm River - source to Warm River Spring                                       | COLD<br>SS   | PCR        | DWS   |
| US-6  | Robinson Creek - Rock Creek to mouth   |              |            |       |
| US-7  | Porcupine Creek - source to mouth  | COLD<br>SS   | SCR        |       |
| US-8  | Rock Creek - Wyoming Creek to mouth  |              |            |       |
| US-9  | Wyoming Creek - Idaho/Wyoming border to mouth                                  |              |            |       |
| US-10 | Rock Creek - source to Wyoming Creek   |              |            |       |
| US-11 | Robinson Creek - Idaho/Wyoming border and sources west of border to Rock Creek |              |            |       |
| US-12 | Snow Creek - source to mouth   |              |            |       |
| US-13 | Fish Creek - source to mouth   |              |            |       |
| US-14 | Henrys Fork - Thurman Creek to Warm River                                      | COLD<br>SS   | PCR        | DWS   |
| US-15 | Henrys Fork - Island Park Reservoir Dam to Thurman Creek                       | COLD<br>SS   | PCR        | DWS   |
| US-16 | Buffalo River - Elk Creek to mouth   | COLD<br>SS   | PCR        | DWS   |
| US-17 | Toms Creek - source to mouth   |              |            |       |
| US-18 | Buffalo River - source to Elk Creek  | COLD<br>SS   | PCR        | DWS   |
| US-19 | Elk Creek - source to mouth  |              |            |       |
| US-20 | Island Park Reservoir  | COLD<br>SS   | PCR        | DWS   |

| Unit  | Waters  | Aquatic Life | Recreation | Other |
|-------|---|--------------|------------|-------|
| US-21 | Henrys Fork - Confluence of Big Springs and Henrys Lake Outlet to Island Park Reservoir | COLD<br>SS   | PCR        | DWS   |
| US-22 | Moose Creek - source to confluence with Henrys Fork                                     |              |            |       |
| US-23 | Big Springs - source to mouth   | COLD<br>SS   | PCR        | DWS   |
| US-24 | Thirsty Creek - Idaho/ Wyoming border to mouth  | COLD<br>SS   | SCR        |       |
| US-25 | Henrys Lake Outlet - Henrys Lake Dam to mouth   | COLD<br>SS   | PCR        | DWS   |
| US-26 | Meadows Creek - source to mouth   |              |            |       |
| US-27 | Reas Pass Creek - source to sink  |              |            |       |
| US-28 | Jones Creek - source to mouth   |              |            |       |
| US-29 | Jesse Creek - source to mouth   |              |            |       |
| US-30 | Twin Creek - source to mouth  |              |            |       |
| US-31 | Tygee Creek - source to sink  |              |            |       |
| US-32 | Henrys Lake   | COLD         | SCR        |       |
| US-33 | Howard Creek - source to mouth  | COLD<br>SS   | SCR        |       |
| US-34 | Targhee Creek - source to mouth   | COLD<br>SS   | SCR        |       |
| US-35 | Timber Creek - source to mouth  |              |            |       |
| US-36 | Duck Creek - source to mouth  | COLD<br>SS   | SCR        |       |
| US-37 | Rock Creek - source to mouth  |              |            |       |
| US-38 | Hope Creek - source to mouth  |              |            |       |
| US-39 | Crooked Creek - source to mouth   |              |            |       |
| US-40 | Hotel Creek - source to mouth   | COLD<br>SS   | SCR        |       |
| US-41 | Yale Creek - source to mouth  | COLD<br>SS   | SCR        |       |
| US-42 | Blue Creek - source to mouth  |              |            |       |
| US-43 | Sheep Creek - source to mouth   |              |            |       |
| US-44 | Icehouse Creek - source to Island Park Reservoir  | COLD<br>SS   | SCR        |       |
| US-45 | Sheridan Creek - Kilgore Road (T13N, R41E, Sec. 07) to mouth                            | COLD<br>SS   | SCR        |       |
| US-46 | Willow Creek - source to mouth  |              |            |       |

| Unit  | Waters  | Aquatic Life | Recreation | Other |
|-------|---|--------------|------------|-------|
| US-47 | Myers Creek - source to mouth                                 |              |            |       |
| US-48 | Sheridan Creek - source to Kilgore Road (T13N, R41E, Sec. 07) | COLD<br>SS   | SCR        |       |
| US-49 | Sheridan Reservoir  |              |            |       |
| US-50 | Dry Creek - source to Sheridan Reservoir                      |              |            |       |
| US-51 | Thurman Creek - source to mouth                               |              |            |       |
| US-52 | Rattlesnake Creek - source to mouth                           |              |            |       |

(3-29-12)

**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  | Henry's Fork - South Fork Teton River to hydrologic unit boundary  | COLD<br>SS   | PCR        | DWS   |
| US-2  | Henry's Fork - North Fork Teton River to South Fork Teton River  | COLD<br>SS   | PCR        | DWS   |
| US-3  | Henry's Fork - Falls River to North Fork Teton River   | COLD<br>SS   | PCR        | DWS   |
| US-4  | Falls River - Conant Creek to mouth  | COLD<br>SS   | PCR        | DWS   |
| US-5  | Conant Creek - Squirrel Creek to mouth   |              |            |       |
| US-6  | Conant Creek - Idaho/Wyoming border to Squirrel Creek  |              |            |       |
| US-7  | Squirrel Creek - Idaho/Wyoming border to mouth   |              |            |       |
| US-8  | Falls River - Boone Creek to Conant Creek  | COLD<br>SS   | PCR        | DWS   |
| US-9  | Falls River - Idaho/Wyoming border to Boone Creek  | COLD<br>SS   | PCR        | DWS   |
| US-10 | Boone Creek - Idaho/Wyoming border to mouth  |              |            |       |
| US-11 | Boundary Creek - Idaho/Wyoming border (T12N, R46E, Sec. 06) to Idaho/Wyoming border, (T12N, R46E, Sec. 31) |              |            |       |
| US-12 | Henry's Fork - Ashton Reservoir Dam to Falls River   | COLD<br>SS   | PCR        | DWS   |
| 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  |              |            |       |

(3-29-12)

**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 Forks to Henrys Fork                           | COLD<br>SS   | SCR        |       |
| US-2  | North Fork Teton River - Teton River Forks to Henrys Fork                           | COLD<br>SS   | SCR        |       |
| US-3  | Teton River - Teton Dam to Teton River Forks  | COLD<br>SS   | PCR        | DWS   |
| US-4  | Teton River - Canyon Creek to Teton Dam   | COLD<br>SS   | PCR        | DWS   |
| US-5  | Moody Creek - confluence of North and South Fork<br>Moody Creeks to canal           |              |            |       |
| US-6  | South Fork Moody Creek - source to mouth  |              |            |       |
| US-7  | North Fork Moody Creek - source to mouth  |              |            |       |
| US-8  | Canyon Creek - Warm Creek to mouth  |              |            |       |
| US-9  | Canyon Creek - source to Warm Creek   |              |            |       |
| US-10 | Calamity Creek - source to mouth  |              |            |       |
| US-11 | Warm Creek - source to mouth  |              |            |       |
| US-12 | Teton River - Milk Creek to Canyon Creek  | COLD<br>SS   | PCR        | DWS   |
| US-13 | Milk Creek - source to mouth  |              |            |       |
| US-14 | Teton River - Felt Dam outlet to Milk Creek   | COLD<br>SS   | PCR        | DWS   |
| US-15 | Teton River - Felt Dam pool   |              |            |       |
| US-16 | Teton River - Highway 33 bridge to Felt Dam pool                                    | COLD<br>SS   | PCR        | DWS   |
| US-17 | Teton River - Cache Bridge (NW ¼, NE ¼, Sec. 1, T5N, R44E)<br>to Highway 33 bridge  | COLD<br>SS   | PCR        | DWS   |
| US-18 | Packsaddle Creek - diversion (NE ¼ Sec. 8, T5N, R44E) to mouth                      |              |            |       |
| US-19 | Packsaddle Creek - source to diversion (NE ¼ Sec. 8, T5N, R44E)                     |              |            |       |
| US-20 | Teton River - Teton Creek to Cache Bridge<br>NW ¼, NE ¼, Sec. 1, T5N, R44E)         | COLD<br>SS   | PCR        | DWS   |
| US-21 | Horseshoe Creek - pipeline diversion<br>(SE ¼, NW ¼, Sec. 27, T5N, R44E) to mouth   |              |            |       |
| US-22 | Horseshoe Creek - source to pipeline diversion (<br>SE ¼, NW ¼, Sec. 27, T5N, R44E) |              |            |       |

| Unit  | Waters  | Aquatic Life | Recreation | Other |
|-------|---|--------------|------------|-------|
| US-23 | Twin Creek - source to mouth  |              |            |       |
| US-24 | Mahogany Creek - pipeline diversion (NE ¼, Sec. 27, T4N, R44E) to mouth                                       |              |            |       |
| US-25 | Mahogany Creek - source to pipeline diversion (NE ¼, Sec. 27, T4N, R44E)                                      |              |            |       |
| US-26 | Teton River - Trail Creek to Teton Creek  | COLD<br>SS   | PCR        | DWS   |
| US-27 | Henderson Creek - source to sink  |              |            |       |
| US-28 | Teton River - confluence of Warm Creek and Drake Creek to Trail Creek   | COLD<br>SS   | PCR        | DWS   |
| US-29 | Patterson Creek - pump diversion (SE ¼, Sec. 31, T4N, R44E) to mouth  |              |            |       |
| US-30 | Patterson Creek - source to pump diversion (SE ¼, Sec. 31, T4N, R44E)   |              |            |       |
| US-31 | Grove Creek - source to sink  |              |            |       |
| US-32 | Drake Creek - source to mouth   |              |            |       |
| US-33 | Little Pine Creek - source to mouth   |              |            |       |
| US-34 | Warm Creek - source to mouth  |              |            |       |
| US-35 | Trail Creek - Trail Creek pipeline diversion (SW ¼, SE ¼, Sec 19, T3N, R46E) to mouth                         |              |            |       |
| US-36 | Game Creek - diversion (SW ¼, SW ¼, Sec. 17, T3N, R46E) to mouth  |              |            |       |
| US-37 | Game Creek - source to diversion (SW ¼, SW ¼, Sec. 17, T3N, R46E)   |              |            |       |
| US-38 | Trail Creek - Idaho/Wyoming border to Trail Creek pipeline diversion (SW ¼, SE ¼, Sec 19, T3N, R46E)          |              |            |       |
| US-39 | Moose Creek - Idaho/Wyoming border to mouth   |              |            |       |
| US-40 | Fox Creek - SE ¼, SW ¼, Sec. 28, T4N, R45E to confluence with Teton River, including spring creek tributaries |              |            |       |
| US-41 | Fox Creek - North Fox Creek Canal (NW ¼, Sec 29 T4N, R46E) to SE ¼, SW ¼, Sec. 28, T4N, R45E                  |              |            |       |
| US-42 | Fox Creek - Idaho/Wyoming border to North Fox Creek Canal (NW ¼, Sec 29 T4N, R46E)                            |              |            |       |
| US-43 | Foster Creek spring creek complex - south to Fox Creek and north to Darby Creek                               |              |            |       |
| US-44 | Darby Creek - SW ¼, SE ¼, S10, T4N, R45E, to mouth, including spring creek tributaries                        |              |            |       |
| US-45 | Darby Creek - Idaho/Wyoming border to SW ¼, SE ¼, Sec. 10, T4N, R45E  |              |            |       |

| Unit  | Waters  | Aquatic Life | Recreation | Other |
|-------|---|--------------|------------|-------|
| US-46 | Dick Creek spring complex - south to Darby Creek and north to Teton Creek   |              |            |       |
| US-47 | Teton Creek - Highway 33 bridge to mouth, including spring creek tributaries  |              |            |       |
| US-48 | Teton Creek - Idaho/Wyoming border to Highway 33 bridge   |              |            |       |
| US-49 | Driggs Springs spring creek complex - located between Teton Creek and Woods Creek   |              |            |       |
| US-50 | Woods Creek - source to mouth, including spring creek tributaries and spring creek complex north of Woods Creek to latitude 43 degrees, 45.5 minutes north. |              |            |       |
| US-51 | Dry Creek - Idaho/Wyoming border to sinks (SE ¼, NE ¼, S12, T5N, R45E)  |              |            |       |
| US-52 | South Leigh Creek - SE ¼, NE ¼, Sec. 1 T5N, R44E to mouth   |              |            |       |
| US-53 | South Leigh Creek - Idaho/Wyoming border to SE ¼, NE ¼, Sec. 1 T5N, R44   |              |            |       |
| US-54 | Spring Creek - North Leigh Creek to mouth   |              |            |       |
| US-55 | North Leigh Creek - Idaho/Wyoming border to mouth   |              |            |       |
| US-56 | Spring Creek - source to North Leigh Creek, including Spring Creek complex north of Spring Creek to latitude 43 degrees, 49.9 minutes north                 |              |            |       |
| US-57 | Badger Creek - spring (NW ¼, SW ¼, Sec. 26 T7N, R44E) to mouth  |              |            |       |
| US-58 | Badger Creek - diversion (NW ¼, SW ¼, Sec. 9, T6N, R45E) to spring (NW ¼, SW ¼, Sec. 26 T7N, R44E)  |              |            |       |
| US-59 | Badger Creek - source to diversion (NW ¼, SW ¼, Sec. 9, T6N, R45E)  |              |            |       |
| US-60 | South Fork Badger Creek - diversion (NE ¼, NE ¼, Sec. 12, T6N, R45E) to mouth   |              |            |       |
| US-61 | South Fork Badger Creek - Idaho/Wyoming border to diversion (NE ¼, NE ¼, Sec. 12, T6N, R45E)  |              |            |       |
| US-62 | North Fork Badger Creek - Idaho/Wyoming border to mouth   |              |            |       |
| US-63 | Bitch Creek - Swanner Creek to mouth  |              |            |       |
| US-64 | Swanner Creek - Idaho/Wyoming border to mouth   |              |            |       |
| US-65 | Bitch Creek - Idaho/Wyoming border to Swanner Creek   |              |            |       |

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**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<br>SS   | SCR        |       |
| US-2  | Ririe Reservoir (Willow Creek)                         | COLD<br>SS   | PCR        | DWS   |
| US-3  | Blacktail Creek - source to Ririe Reservoir            |              |            |       |
| US-4  | Willow Creek - Bulls Fork to Ririe Reservoir           | COLD<br>SS   | PCR        | DWS   |
| US-5  | Willow Creek - Birch Creek to Bulls Fork               | COLD<br>SS   | PCR        | DWS   |
| US-6  | Birch Creek - source to mouth                          |              |            |       |
| US-7  | Squaw Creek - source to mouth                          |              |            |       |
| US-8  | Willow Creek - Mud Creek to Birch Creek                | COLD<br>SS   | PCR        | DWS   |
| US-9  | Mud Creek - source to mouth                            |              |            |       |
| US-10 | Sellars Creek - source to mouth                        |              |            |       |
| US-11 | Willow Creek - Crane Creek to Mud Creek                | COLD<br>SS   | PCR        | DWS   |
| US-12 | Mill Creek - source to mouth                           |              |            |       |
| US-13 | Willow Creek - source to Crane Creek                   | COLD<br>SS   | PCR        | DWS   |
| 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   |              |            |       |
| 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                           |              |            |       |

| Unit  | Waters                                   | Aquatic Life | Recreation | Other |
|-------|--|--------------|------------|-------|
| 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 |              |            |       |

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**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        | 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   |              |            |       |
| 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<br>SS   | PCR        | DWS   |
| US-23 | Jeff Cabin Creek - source to mouth   |              |            |       |



| Unit  | Waters  | Aquatic Life | Recreation | Other |
|-------|---|--------------|------------|-------|
| 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  |              |            |       |

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**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<br>SS   | PCR        |       |
| 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        |       |
| US-10 | Blackfoot River - confluence of Lanes and Diamond Creeks to Blackfoot Reservoir | COLD<br>SS   | PCR        | DWS   |
| 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   |              |            |       |
| US-18 | Lanes Creek - source to mouth   |              |            |       |
| US-19 | Bacon Creek - source to mouth   |              |            |       |
| US-20 | Browns Canyon 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   |              |            |       |

| Unit  | Waters                                       | Aquatic Life | Recreation | Other |
|-------|--|--------------|------------|-------|
| 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                |              |            |       |

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**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<br>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                             |              |            |       |
| US-15 | Birch Creek - source to mouth                              |              |            |       |
| US-16 | Portneuf River - Chesterfield Reservoir Dam to Marsh Creek | COLD<br>SS   | PCR        | DWS   |
| US-17 | Dempsey Creek - source to mouth                            |              |            |       |
| US-18 | Twentyfourmile Creek - source to mouth                     |              |            |       |
| US-19 | Chesterfield Reservoir                                     |              |            |       |

| Unit  | Waters   | Aquatic Life | Recreation | Other |
|-------|--|--------------|------------|-------|
| US-20 | Portneuf River - source to Chesterfield Reservoir                              | COLD<br>SS   | PCR        | DWS   |
| 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                                   |              |            |       |

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**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        |       |
| US-2  | Snake River - Minidoka Dam to Heyburn/Burley Bridge (T10S, R23E, Sec.17)         | COLD<br>SS   | PCR        |       |
| US-3  | Marsh Creek - source to mouth  |              |            |       |
| US-4  | Lake Walcott (Snake River)   | COLD         | PCR        | DWS   |
| US-5  | Snake River - Raft River to Lake Walcott   | COLD         | PCR        | DWS   |
| US-6  | Snake River - Rock Creek to Raft River   | COLD         | PCR        | DWS   |
| US-7  | Fall Creek - source to mouth   |              |            |       |
| US-8  | Rock Creek - confluence of South and East Fork Rock Creeks to mouth              | COLD<br>SS   | PCR        |       |
| US-9  | South Fork Rock Creek - source to mouth  |              |            |       |
| US-10 | East Fork Rock Creek - source to mouth   |              |            |       |
| US-11 | Snake River - American Falls Reservoir Dam to Rock Creek                         | COLD         | PCR        | DWS   |
| US-12 | Warm Creek - source to mouth   |              |            |       |
| US-13 | Craters of the Moon complex  |              |            |       |

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**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<br>SS   | PCR        |       |
| 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<br>SS   | PCR        |       |
| US-9  | Cottonwood Creek - source to mouth                                       |              |            |       |
| US-10 | Raft River - Unnamed Tributary (T15S, R26E, Sec. 24) to Cottonwood Creek | COLD<br>SS   | PCR        |       |
| 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<br>SS   | PCR        |       |
| 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                                    |              |            |       |

(4-5-00)

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 |              |            |       |

| Unit  | Waters  | Aquatic Life | Recreation | Other |
|-------|---|--------------|------------|-------|
| US-2  | Lower Goose Creek Reservoir   | COLD<br>SS   | PCR        |       |
| 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<br>SS   | PCR        |       |
| 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<br>SS   | PCR        |       |
| 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   |              |            |       |

(4-5-00)

**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 Clover Creek     | COLD<br>SS   | PCR        |       |
| 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<br>SS   | PCR        |       |
| US-6 | Riley Creek - source to mouth                        | COLD<br>SS   | PCR        | DWS   |
| US-7 | Snake River - Rock Creek to Box Canyon Creek         | COLD<br>SS   | PCR        |       |
| US-8 | Deep Creek - High Line Canal to mouth                | COLD<br>SS   | SCR        |       |

| <b>Unit</b> | <b>Waters</b>   | <b>Aquatic Life</b> | <b>Recreation</b> | <b>Other</b> |
|-------------|---|---------------------|-------------------|--------------|
| US-9        | Deep Creek - source to High Line Canal                                    | COLD<br>SS          | SCR               |              |
| US-10       | Mud Creek - Deep Creek Road (T09S, R14E) to mouth                         | COLD<br>SS          | SCR               |              |
| US-11       | Mud Creek - source to Deep Creek Road (T09S, R14E)                        |                     |                   |              |
| US-12       | Cedar Draw - source to mouth  | COLD<br>SS          | SCR               |              |
| US-13       | Rock Creek -river mile 25 (T11S, R18E, Sec. 36) to mouth                  | COLD<br>SS          | SCR               |              |
| US-14       | Cottonwood Creek - source to mouth  | COLD                | SCR               |              |
| US-15       | McMullen Creek - source to mouth  | COLD                | SCR               |              |
| US-16       | Rock Creek - Fifth Fork Rock Creek to river mile 25 (T11S, R18E, Sec. 36) | COLD<br>SS          | PCR               | DWS          |
| US-17       | Fifth Fork Rock Creek - source to mouth                                   | COLD                | SCR               |              |
| US-18       | Rock Creek - source to Fifth Fork Rock Creek                              | COLD<br>SS          | PCR               | DWS          |
| US-19       | Snake River - Twin Falls to Rock Creek                                    | COLD<br>SS          | PCR               |              |
| US-20       | Snake River - Milner Dam to Twin Falls                                    | COLD<br>SS          | PCR               |              |
| US-21       | Murtaugh Lake   |                     |                   |              |
| US-22       | Dry Creek - source to mouth   | COLD<br>SS          | SCR               |              |
| US-23       | West Fork Dry Creek - source to mouth                                     |                     |                   |              |
| US-24       | East Fork Dry Creek - source to mouth                                     | COLD                | SCR               |              |
| US-25       | Big Cottonwood Creek - source to mouth                                    |                     |                   |              |
| US-26       | Wilson Lake Reservoir   |                     |                   |              |
| US-27       | Vinyard Creek - Vinyard Lake to mouth                                     | COLD                | SCR               |              |
| US-28       | Clear Lakes   | COLD                | SCR               |              |
| US-29       | Banbury Springs   |                     | PCR               |              |
| US-30       | Box Canyon Creek - source to mouth  | COLD                | SCR               |              |
| US-31       | Thousand Springs  | COLD                | SCR               |              |
| US-32       | Bickel Springs  | COLD                | SCR               |              |
| US-33       | Billingsley Creek - source to mouth                                       | COLD<br>SS          | PCR               | DWS          |
| US-34       | Clover Creek - Pioneer Reservoir Dam to mouth                             | COLD<br>SS          | PCR               |              |

| Unit  | Waters                                     | Aquatic Life | Recreation | Other |
|-------|--|--------------|------------|-------|
| US-35 | Pioneer Reservoir                          |              |            |       |
| US-36 | Clover Creek - source to Pioneer Reservoir | COLD<br>SS   | PCR        |       |
| 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               | COLD         | SCR        |       |
| US-41 | Dry Creek - source to mouth                | COLD         | SCR        |       |

(3-29-12)

**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<br>SS   | PCR        |       |
| US-2  | Devil Creek - source to mouth  |              |            |       |
| US-3  | Salmon Falls Creek - Salmon Falls Creek Dam to Devil Creek                                       | COLD<br>SS   | PCR        |       |
| 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<br>SS   | PCR        |       |
| US-8  | China, Browns, Corral, Whiskey Slough, Player Creeks<br>- source to Salmon Falls Creek Reservoir |              |            |       |
| US-9  | Salmon Falls Creek - Idaho/Nevada border to<br>Salmon Falls Creek Reservoir                      | COLD<br>SS   | PCR        |       |
| 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   |              |            |       |
| US-16 | Shoshone Creek - source to Cottonwood Creek  |              |            |       |

(4-5-00)

**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<br>SS   | PCR        |       |
| US-2  | Camas Creek - Spring Creek to Beaver Creek   | COLD<br>SS   | PCR        |       |
| US-3  | Beaver Creek - canal (T09N, R36E) to mouth   | COLD<br>SS   | PCR        | 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<br>SS   | PCR        |       |
| 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<br>SS   | PCR        | DWS   |
| US-15 | Beaver Creek - Rattlesnake Creek to Dry Creek  | COLD<br>SS   | PCR        | 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<br>SS   | PCR        | DWS   |
| US-19 | Miners Creek - source to mouth   |              |            |       |
| US-20 | Beaver Creek - Idaho Creek to Miners Creek   | COLD<br>SS   | PCR        | DWS   |
| US-21 | Beaver Creek - source to Idaho Creek   | COLD<br>SS   | PCR        | DWS   |



| Unit  | Waters                                  | Aquatic Life | Recreation | Other |
|-------|---|--------------|------------|-------|
| 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                |              |            |       |

(4-5-00)

**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<br>SS   | PCR        | DWS   |
| US-3  | Indian Creek - confluence of West and East Fork<br>Indian Creeks to mouth   |              |            |       |
| US-4  | East Fork Indian Creek - source to mouth                                    |              |            |       |
| US-5  | West Fork Indian Creek - source to mouth                                    | COLD<br>SS   | SCR        |       |
| US-6  | Medicine Lodge Creek - Edie Creek to Indian Creek                           | COLD<br>SS   | PCR        | DWS   |
| 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<br>SS   | SCR        |       |
| US-11 | Medicine Lodge Creek - confluence of Warm<br>and Fritz Creeks to Edie Creek | COLD<br>SS   | PCR        | DWS   |
| US-12 | Irving Creek - source to mouth  | COLD<br>SS   | SCR        |       |
| US-13 | Warm Creek - source to mouth  | COLD<br>SS   | SCR        |       |
| US-14 | Divide Creek - source to mouth  |              |            |       |
| US-15 | Horse Creek - source to mouth   |              |            |       |
| US-16 | Fritz Creek - source to mouth   | COLD<br>SS   | SCR        |       |

| Unit  | Waters                               | Aquatic Life | Recreation | Other |
|-------|--------------------------------------|--------------|------------|-------|
| US-17 | Webber Creek - source to mouth       | COLD<br>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              |              |            |       |

(3-29-12)

**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<br>SS   | PCR        | DWS   |
| US-2  | Birch Creek - Pass Creek to Reno Ditch  | COLD<br>SS   | PCR        | DWS   |
| US-3  | Birch Creek - Unnamed Tributary (T11N, R11W, Sec. 35) to Pass Creek   | COLD<br>SS   | PCR        | DWS   |
| 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<br>SS   | PCR        | DWS   |
| US-6  | Scott Canyon Creek - source to mouth  |              |            |       |
| US-7  | Mud Creek - Willow Creek to Scott Canyon Creek  | COLD<br>SS   | PCR        | DWS   |
| 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  |              |            |       |

(3-29-12)

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

| <b>Unit</b> | <b>Waters</b>  | <b>Aquatic Life</b> | <b>Recreation</b> | <b>Other</b> |
|-------------|--|---------------------|-------------------|--------------|
| US-1        | Little Lost River - canal (T06N, R28E) to playas                         | COLD<br>SS          | PCR               |              |
| US-2        | Little Lost River - Big Spring Creek to canal (T06N, R28E)               | COLD<br>SS          | PCR               |              |
| 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<br>SS          | PCR               |              |
| US-8        | Badger Creek - source to mouth   |                     |                   |              |
| US-9        | Little Lost River - Wet Creek to Badger Creek                            | COLD<br>SS          | PCR               |              |
| US-10       | Little Lost River - confluence of Summit and Sawmill Creeks to Wet Creek | COLD<br>SS          | PCR               |              |
| 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                                       |                     |                   |              |

| Unit  | Waters  | Aquatic Life | Recreation | Other |
|-------|---|--------------|------------|-------|
| US-28 | Hurst Creek - source to mouth                                   |              |            |       |
| US-29 | Unnamed Tributary - source to mouth (T5N, R29E, Sec. 04 and 09) |              |            |       |

(4-5-00)

**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<br>SS   | PCR        | DWS   |
| US-2  | Big Lost River - Spring Creek to Big Lost River Sinks (playas)               | COLD<br>SS   | PCR        | DWS   |
| US-3  | Spring Creek - Lower Pass Creek to Big Lost River                            |              |            |       |
| US-4  | Big Lost River - Antelope Creek to Spring Creek                              | COLD<br>SS   | PCR        | DWS   |
| US-5  | King, Lime Kiln, Ramshorn, and Anderson Canyon Creek<br>- source to mouth    |              |            |       |
| US-6  | Lower Pass Creek - source to mouth   |              |            |       |
| US-7  | Big Lost River - Alder Creek to Antelope Creek                               | COLD<br>SS   | PCR        | DWS   |
| US-8  | Elbow, Jepson, Clark, Maddock, and Jaggles Canyon Creek<br>- source to mouth |              |            |       |
| US-9  | Pass Creek - source to mouth   |              |            |       |
| US-10 | Big Lost River - Beck and Evan Ditch to Alder Creek                          | COLD<br>SS   | PCR        | DWS   |
| US-11 | Big Lost River - McKay Reservoir Dam to Beck and Evan Ditch                  | COLD<br>SS   | PCR        | DWS   |
| US-12 | McKay Reservoir  | COLD<br>SS   | PCR        | DWS   |
| US-13 | Big Lost River - Jones Creek to McKay Reservoir                              | COLD<br>SS   | PCR        | DWS   |
| US-14 | Jones Creek - source to mouth  |              |            |       |
| US-15 | Big Lost River - Thousand Springs Creek to Jones Creek                       | COLD<br>SS   | PCR        | DWS   |
| 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   |              |            |       |

| Unit  | Waters  | Aquatic Life | Recreation | Other |
|-------|---|--------------|------------|-------|
| US-20 | Willow Creek - source to mouth  |              |            |       |
| 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<br>SS   | PCR        | DWS   |
| US-25 | Big Lost River - Summit Creek to and including Burnt Creek                                    | COLD<br>SS   | PCR        | DWS   |
| 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                      |              |            |       |

| Unit  | Waters  | Aquatic Life | Recreation | Other |
|-------|---|--------------|------------|-------|
| US-50 | Lupine Creek - source to mouth  |              |            |       |
| US-51 | Left Fork Cherry Creek - source to mouth                                    |              |            |       |
| 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  |              |            |       |

(3-29-12)

**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<br>SS   | PCR        |       |
| US-2  | Big Wood River - Magic Reservoir Dam to mouth                              | COLD<br>SS   | PCR        |       |
| US-3  | Magic Reservoir  | COLD         | PCR        |       |
| US-4  | Big Wood River - Seamans Creek to Magic Reservoir                          | COLD<br>SS   | PCR        | DWS   |
| 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<br>SS   | PCR        | DWS   |
| 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  |              |            |       |

| Unit  | Waters  | Aquatic Life | Recreation | Other |
|-------|---|--------------|------------|-------|
| US-14 | Trail Creek - source to and including Corral Creek          |              |            |       |
| US-15 | Lake Creek - source to mouth                                |              |            |       |
| 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<br>SS   | PCR        | DWS   |
| 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                        |              |            |       |

(3-29-12)

**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<br>SS   | PCR        |       |
| 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<br>SS   | PCR        |       |
| US-8 | Deer Creek - Big Deer Creek to mouth                |              |            |       |
| US-9 | Deer Creek - source to and including Big Deer Creek |              |            |       |

| Unit  | Waters  | Aquatic Life | Recreation | Other |
|-------|---|--------------|------------|-------|
| 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                       |              |            |       |
| US-13 | Camas Creek - Corral Creek to Soldier Creek                                 | COLD<br>SS   | PCR        |       |
| 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<br>SS   | PCR        |       |
| 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   |              |            |       |

(4-5-00)

**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        |       |
| US-2 | Little Wood River - Carey Lake outlet to Richfield (T04S, R19E, Sec. 25) | COLD<br>SS   | PCR        |       |
| US-3 | Little Wood River - West Canal (north) to West Canal (south)             | COLD<br>SS   | PCR        |       |
| US-4 | Carey Lake outlet  |              |            |       |
| US-5 | Carey Lake   |              |            |       |
| US-6 | Fish Creek - Fish Creek Reservoir Dam to mouth                           |              |            |       |
| US-7 | Fish Creek Reservoir   |              |            |       |



| Unit  | Waters   | Aquatic Life | Recreation | Other |
|-------|--|--------------|------------|-------|
| US-8  | Fish Creek - source to Fish Creek Reservoir                              |              |            |       |
| US-9  | West Fork Fish Creek - source to Fish Creek Reservoir                    |              |            |       |
| US-10 | Little Wood River - Little Wood River Reservoir Dam to Carey Lake Outlet | COLD<br>SS   | PCR        |       |
| US-11 | Little Fish Creek - source to mouth                                      |              |            |       |
| US-12 | Little Wood River Reservoir  | COLD<br>SS   | PCR        |       |
| US-13 | Little Wood River - Muldoon Creek to Little Wood River Reservoir         | COLD<br>SS   | PCR        |       |
| 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<br>SS   | PCR        |       |
| US-21 | Baugh Creek - source to mouth  |              |            |       |
| US-22 | Dry Creek - source to mouth  |              |            |       |
| US-23 | Silver Creek - source to mouth   | COLD<br>SS   | PCR        | DWS   |

(3-29-12)

**151. -- 159. (RESERVED)**

**160. BEAR RIVER BASIN.**

Surface waters found within the Bear River basin total six (6) subbasins and are designated as follows: (4-5-00)

**01. 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<br>SS   | PCR        |       |
| B-2  | Pegram Creek - source to mouth   |              |            |       |
| B-3  | Thomas Fork - Idaho/Wyoming border to mouth                                | COLD<br>SS   | PCR        |       |

| Unit | Waters   | Aquatic Life | Recreation | Other |
|------|--|--------------|------------|-------|
| B-4  | Raymond Creek - Idaho/Wyoming border to mouth; and the Hollows - source to mouth |              |            |       |
| B-5  | Dry Creek - source to mouth  | COLD<br>SS   | SCR        |       |
| B-6  | Preuss Creek - source to mouth   | COLD<br>SS   | SCR        |       |
| B-7  | Salt Creek - source to Idaho/Wyoming border                                      | COLD<br>SS   | SCR        |       |
| B-8  | Sheep Creek - source to mouth  |              |            |       |

(4-5-00)

**02. 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<br>SS   | PCR        |       |
| B-2  | Bear River -railroad bridge (T14N, R45E, Sec. 21) to Alexander Reservoir | COLD<br>SS   | PCR        |       |
| B-3  | Bailey Creek - source to mouth   | COLD<br>SS   | SCR        |       |
| B-4  | Eightmile Creek - source to mouth  | COLD<br>SS   | SCR        |       |
| B-5  | Pearl Creek - source to mouth  | COLD<br>SS   | SCR        |       |
| B-6  | Stauffer Creek - source to mouth   | COLD<br>SS   | SCR        |       |
| B-7  | Skinner Creek - source to mouth  | COLD<br>SS   | SCR        |       |
| B-8  | Co-op Creek - source to mouth  | COLD<br>SS   | SCR        |       |
| B-9  | Ovid Creek - confluence of North and Mill Creek to mouth                 |              |            |       |
| B-10 | North Creek - source to mouth  | COLD<br>SS   | PCR        |       |
| B-11 | Mill Creek - source to mouth   | COLD<br>SS   | PCR        |       |
| B-12 | Bear Lake Outlet - Lifton Station to Bear River                          | COLD<br>SS   | PCR        | DWS   |

| Unit | Waters   | Aquatic Life | Recreation | Other |
|------|--|--------------|------------|-------|
| B-13 | Paris Creek - source to mouth                                | COLD<br>SS   | PCR        |       |
| B-14 | Bloomington Creek - source to mouth                          | COLD<br>SS   | PCR        | DWS   |
| B-15 | Spring Creek - source to mouth                               |              |            |       |
| B-16 | Little and St. Charles Creeks - source to Bear Lake          | COLD<br>SS   | PCR        |       |
| B-17 | Dry Canyon Creek - source to mouth                           |              |            |       |
| B-18 | Bear Lake  | COLD<br>SS   | PCR        | DWS   |
| B-19 | Fish Haven Creek - source to Bear Lake                       | COLD<br>SS   | PCR        |       |
| B-20 | Montpelier Creek - source to mouth                           |              |            |       |
| B-21 | Snowslide Creek - source to mouth                            | COLD<br>SS   | SCR        |       |
| B-22 | Georgetown Creek - source to mouth                           | COLD<br>SS   | PCR        | DWS   |
| B-23 | Soda Creek - Soda Creek Reservoir Dam to Alexander Reservoir |              | SCR        |       |
| B-24 | Soda Creek Reservoir   |              | SCR        |       |
| B-25 | Soda Creek - source to Soda Creek Reservoir                  |              | SCR        |       |

(3-29-12)

**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        |       |
| B-4  | Cub River - source to Sugar Creek  | COLD<br>SS   | PCR        | DWS   |
| B-5  | Worm Creek - source to Idaho/Utah border   | COLD         | SCR        |       |
| B-6  | Bear River - Oneida Narrows Reservoir Dam to Idaho/Utah border                       | COLD<br>SS   | PCR        |       |

| Unit | Waters   | Aquatic Life | Recreation | Other |
|------|--|--------------|------------|-------|
| B-7  | Mink Creek - source to mouth                                     | COLD<br>SS   | PCR        |       |
| B-8  | Oneida Narrows Reservoir   | COLD<br>SS   | PCR        |       |
| B-9  | Bear River - Alexander Reservoir Dam to Oneida Narrows Reservoir | COLD<br>SS   | PCR        |       |
| 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        |       |
| 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                     |              |            |       |

(3-29-12)

**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  |              |            |       |

(4-5-00)

**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         |              |            |       |

| Unit | Waters  | Aquatic Life | Recreation | Other |
|------|---|--------------|------------|-------|
| 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        |       |
| B-9  | Daniels Reservoir                                   |              |            |       |
| B-10 | Wright Creek - source to Daniels Reservoir          | COLD<br>SS   | PCR        |       |
| B-11 | Dairy Creek - source to mouth                       |              |            |       |
| B-12 | Malad River - source to Little Malad River          | COLD         | PCR        | DWS   |
| B-13 | Samaria Creek - source to mouth                     |              |            |       |

(4-5-00)

**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        | DWS   |
| B-2  | Deep Creek - source to Rock Creek            | COLD         | PCR        | DWS   |
| B-3  | Rock Creek - source to mouth                 |              |            |       |

(4-5-00)

**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 designated waters. (4-5-00)

**01. Hazardous Materials.** Surface waters of the state shall be free from hazardous materials in concentrations found to be of public health significance or to impair designated beneficial uses. These materials do not include suspended sediment produced as a result of nonpoint source activities. (8-24-94)

**02. Toxic Substances.** Surface waters of the state shall be free from toxic substances in concentrations that impair designated beneficial uses. These substances do not include suspended sediment produced as a result of nonpoint source activities. (8-24-94)

**03. Deleterious Materials.** Surface waters of the state shall be free from deleterious materials in concentrations that impair designated beneficial uses. These materials do not include suspended sediment produced as a result of nonpoint source activities. (8-24-94)

**04. Radioactive Materials.** (7-1-93)

**a.** 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)

**b.** 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. Floating, Suspended or Submerged Matter.** Surface waters of the state shall be free from floating, suspended, or submerged matter of any kind in concentrations causing nuisance or objectionable conditions or that may impair designated beneficial uses. This matter does not include suspended sediment produced as a result of nonpoint source activities. (8-24-94)

**06. Excess Nutrients.** Surface waters of the state shall be free from excess nutrients that can cause visible slime growths or other nuisance aquatic growths impairing designated beneficial uses. (8-24-94)

**07. Oxygen-Demanding Materials.** Surface waters of the state shall be free from oxygen-demanding materials in concentrations that would result in an anaerobic water condition. (7-1-93)

**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 Section 350. (4-5-00)

**09. Natural Background Conditions as Criteria.** When natural background conditions exceed any applicable water quality criteria set forth in Sections 210, 250, 251, 252, or 253, the applicable water quality criteria shall not apply; instead, there shall be no lowering of water quality from natural background conditions. Provided, however, that temperature may be increased above natural background conditions when allowed under Section 401. (3-30-07)

**201. -- 209. (RESERVED)**

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

**01. Criteria for Toxic Substances.** The criteria of Section 210 apply to surface waters of the state as follows. (5-3-03)

**a.** Columns B1, B2, and C2 of the following table apply to waters designated for aquatic life use. (5-3-03)

**b.** Column C2 of the following table applies to waters designated for recreation use. (5-3-03)

**c.** Column C1 of the following table applies to waters designated for domestic water supply use.

Note: In 2006, Idaho updated 167 human health criteria for 88 chemicals. On May 10, 2012, EPA disapproved Idaho's 2006 update of 167 human health criteria for toxic substances. This action was based on EPA's judgment that the fish consumption rate used in criteria derivation was not adequately protective. As a result of this action, the human health criteria published in the 2005 version of IDAPA 58.01.02.210.01 continue to apply and are effective for federal Clean Water Act purposes. These criteria are summarized in "Numeric Criteria for Toxic Substances (2005)" located at [http://www.deq.idaho.gov/media/451725-human\\_health\\_criteria.pdf](http://www.deq.idaho.gov/media/451725-human_health_criteria.pdf).

For more information regarding this EPA disapproval, go to <http://www.deq.idaho.gov/epa-actions-on-proposed-standards>.

| A   |              | B<br>Aquatic life |              | Human health for consumption of: |                       |
|---|--------------|-------------------|--------------|----------------------------------|-----------------------|
| (Number) Compound   | a CAS Number | b CMC (µg/L)      | b CCC (µg/L) | Water & organisms (µg/L)         | Organisms only (µg/L) |
|   |              | B1                | B2           | C1                               | C2                    |
| 1 Antimony  | 7440360      |                   |              | 5.6 c                            | 640 c                 |
| 2 Arsenic   | 7440382      | 340 e             | 150 e        | 10 d                             | 10 d                  |
| 3 Beryllium   | 7440417      |                   |              | h                                | h                     |
| 4 Cadmium   | 7440439      | 1.3 i             | 0.6 i        | h                                | h                     |
| 5a Chromium III   | 16065831     | 570 i             | 74 i         | h                                | h                     |
| 5b Chromium VI  | 18540299     | 16 e              | 11 e         | h                                | h                     |
| 6 Copper  | 7440508      | 17 i              | 11 i         |                                  |                       |
| 7 Lead  | 7439921      | 65 i              | 2.5 i        | h                                | h                     |
| 8a Mercury  | 7439976      | g                 | g            |                                  |                       |
| <p>Note: In 2005, Idaho adopted EPA's recommended methylmercury fish tissue criterion for protection of human health. The decision was made to remove the old tissue-based aquatic life criteria and rely on the fish tissue criterion to provide protection for aquatic life as well as human health. Thus, current Idaho water quality standards do not have mercury water column criteria for the protection of aquatic life. While EPA approved Idaho's adoption of the fish tissue criterion in September 2005, it had withheld judgment on Idaho's removal of aquatic life criteria. On December 12, 2008, EPA disapproved Idaho's removal of the old aquatic life criteria. The water column criteria for total recoverable mercury effective for federal Clean Water Act purposes are located at <a href="http://www.deq.idaho.gov/epa-actions-on-proposed-standards">http://www.deq.idaho.gov/epa-actions-on-proposed-standards</a>.</p> |              |                   |              |                                  |                       |
| 8b Methylmercury  | 22967926     |                   |              |                                  | 0.3 mg/kg p           |
| 9 Nickel  | 7440020      | 470 i             | 52 i         | 610 c                            | 4600 c                |
| 10 Selenium   | 7782492      | 20 f              | 5 f          | 170                              | 4200                  |
| 11 Silver   | 7440224      | 3.4 i             |              |                                  |                       |
| 12 Thallium   | 7440280      |                   |              | 0.24 c                           | 0.47 c                |
| 13 Zinc   | 7440666      | 120 i             | 120 i        | 7400                             | 26000                 |
| 14 Cyanide  | 57125        | 22 j              | 5.2 j        | 140 c                            | 140 c                 |
| 15 Asbestos   | 1332214      |                   |              | 7,000,000 fibers/L k             |                       |
| 16 2, 3, 7, 8-TCDD Dioxin   | 1746016      |                   |              | 0.000000005 l                    | 0.0000000051 l        |
| 17 Acrolein   | 107028       |                   |              | 190                              | 290                   |
| 18 Acrylonitrile  | 107131       |                   |              | 0.051 cl                         | 0.25 cl               |
| 19 Benzene  | 71432        |                   |              | 2.2 cl                           | 51 cl                 |
| 20 Bromoform  | 75252        |                   |              | 4.3 cl                           | 140 cl                |
| 21 Carbon Tetrachloride   | 56235        |                   |              | 0.23 cl                          | 1.6 cl                |

| A                 |                            | B<br>Aquatic life       |                         | Human health for consumption of: |                       |
|-------------------|----------------------------|-------------------------|-------------------------|----------------------------------|-----------------------|
| (Number) Compound | <sup>a</sup> CAS Number    | <sup>b</sup> CMC (µg/L) | <sup>b</sup> CCC (µg/L) | Water & organisms (µg/L)         | Organisms only (µg/L) |
|                   |                            | B1                      | B2                      | C1                               | C2                    |
| 22                | Chlorobenzene              | 108907                  |                         | 130 c                            | 1600 c                |
| 23                | Chlorodibromomethane       | 124481                  |                         | 0.40 cl                          | 13 cl                 |
| 24                | Chloroethane               | 75003                   |                         |                                  |                       |
| 25                | 2-Chloroethylvinyl Ether   | 110758                  |                         |                                  |                       |
| 26                | Chloroform                 | 67663                   |                         | 5.7 l                            | 470 l                 |
| 27                | Dichlorobromomethane       | 75274                   |                         | 0.55 cl                          | 17 cl                 |
| 28                | 1,1-Dichloroethane         | 75343                   |                         |                                  |                       |
| 29                | 1,2-Dichloroethane         | 107062                  |                         | 0.38 cl                          | 37 cl                 |
| 30                | 1,1-Dichloroethylene       | 75354                   |                         | 330 l                            | 7100 l                |
| 31                | 1,2-Dichloropropane        | 78875                   |                         | 0.50 cl                          | 15 cl                 |
| 32                | 1,3-Dichloropropene        | 542756                  |                         | 0.34                             | 21                    |
| 33                | Ethylbenzene               | 100414                  |                         | 530 c                            | 2100 c                |
| 34                | Methyl Bromide             | 74839                   |                         | 47 c                             | 1500 c                |
| 35                | Methyl Chloride            | 74873                   |                         | h                                | h                     |
| 36                | Methylene Chloride         | 75092                   |                         | 4.6 cl                           | 590 cl                |
| 37                | 1,1,2,2-Tetrachloroethane  | 79345                   |                         | 0.17 cl                          | 4.0 cl                |
| 38                | Tetrachloroethylene        | 127184                  |                         | 0.69 l                           | 3.3 l                 |
| 39                | Toluene                    | 108883                  |                         | 1300 c                           | 15000 c               |
| 40                | 1,2-Trans-Dichloroethylene | 156605                  |                         | 140 c                            | 10000 c               |
| 41                | 1,1,1-Trichloroethane      | 71556                   |                         | h                                | h                     |
| 42                | 1,1,2-Trichloroethane      | 79005                   |                         | 0.59 cl                          | 16 cl                 |
| 43                | Trichloroethylene          | 79016                   |                         | 2.5 l                            | 30 l                  |
| 44                | Vinyl Chloride             | 75014                   |                         | 0.025 l                          | 2.4 l                 |
| 45                | 2-Chlorophenol             | 95578                   |                         | 81 c                             | 150 c                 |
| 46                | 2,4-Dichlorophenol         | 120832                  |                         | 77 c                             | 290 c                 |
| 47                | 2,4-Dimethylphenol         | 105679                  |                         | 380 c                            | 850 c                 |
| 48                | 2-Methyl-4,6-Dinitrophenol | 534521                  |                         | 13                               | 280                   |
| 49                | 2,4-Dinitrophenol          | 51285                   |                         | 69 c                             | 5300 c                |
| 50                | 2-Nitrophenol              | 88755                   |                         |                                  |                       |



| A                 |                              | B<br>Aquatic life       |                         | Human health for consumption of: |          |                       |            |
|-------------------|------------------------------|-------------------------|-------------------------|----------------------------------|----------|-----------------------|------------|
| (Number) Compound | <sup>a</sup> CAS Number      | <sup>b</sup> CMC (µg/L) | <sup>b</sup> CCC (µg/L) | Water & organisms (µg/L)         |          | Organisms only (µg/L) |            |
|                   |                              | B1                      | B2                      | C1                               |          | C2                    |            |
| 51                | 4-Nitrophenol                | 100027                  |                         |                                  |          |                       |            |
| 52                | 3-Methyl-4-Chlorophenol      | 59507                   |                         |                                  |          |                       |            |
| 53                | Pentachlorophenol            | 87865                   | 20 m                    | 13 m                             | 0.27     | cl                    | 3.0 cl     |
| 54                | Phenol                       | 108952                  |                         |                                  | 21000    | c                     | 1700000 c  |
| 55                | 2,4,6-Trichlorophenol        | 88062                   |                         |                                  | 1.4      | cl                    | 2.4 cl     |
| 56                | Acenaphthene                 | 83329                   |                         |                                  | 670      | c                     | 990 c      |
| 57                | Acenaphthylene               | 208968                  |                         |                                  |          |                       |            |
| 58                | Anthracene                   | 120127                  |                         |                                  | 8300     | c                     | 40000 c    |
| 59                | Benzidine                    | 92875                   |                         |                                  | 0.000086 | cl                    | 0.00020 cl |
| 60                | Benzo(a)Anthracene           | 56553                   |                         |                                  | 0.0038   | cl                    | 0.018 cl   |
| 61                | Benzo(a)Pyrene               | 50328                   |                         |                                  | 0.0038   | cl                    | 0.018 cl   |
| 62                | Benzo(b)Fluoranthene         | 205992                  |                         |                                  | 0.0038   | cl                    | 0.018 cl   |
| 63                | Benzo(ghi)Perylene           | 191242                  |                         |                                  |          |                       |            |
| 64                | Benzo(k)Fluoranthene         | 207089                  |                         |                                  | 0.0038   | cl                    | 0.018 cl   |
| 65                | Bis(2-Chloroethoxy) Methane  | 111911                  |                         |                                  |          |                       |            |
| 66                | Bis(2-Chloroethyl)Ether      | 111444                  |                         |                                  | 0.030    | cl                    | 0.53 cl    |
| 67                | Bis(2-Chloroisopropyl) Ether | 108601                  |                         |                                  | 1400     | c                     | 65000 c    |
| 68                | Bis(2-Ethylhexyl) Phthalate  | 117817                  |                         |                                  | 1.2      | cl                    | 2.2 cl     |
| 69                | 4-Bromophenyl Phenyl Ether   | 101553                  |                         |                                  |          |                       |            |
| 70                | Butylbenzyl Phthalate        | 85687                   |                         |                                  | 1500     | c                     | 1900 c     |
| 71                | 2-Chloronaphthalene          | 91587                   |                         |                                  | 1000     | c                     | 1600 c     |
| 72                | 4-Chlorophenyl Phenyl Ether  | 7005723                 |                         |                                  |          |                       |            |
| 73                | Chrysene                     | 218019                  |                         |                                  | 0.0038   | cl                    | 0.018 cl   |
| 74                | Dibenzo (a,h) Anthracene     | 53703                   |                         |                                  | 0.0038   | cl                    | 0.018 cl   |
| 75                | 1,2-Dichlorobenzene          | 95501                   |                         |                                  | 420      | c                     | 1300 c     |
| 76                | 1,3-Dichlorobenzene          | 541731                  |                         |                                  | 320      |                       | 960        |
| 77                | 1,4-Dichlorobenzene          | 106467                  |                         |                                  | 63       |                       | 190        |

| A                 |                            | B<br>Aquatic life       |                         | Human health for consumption of: |                       |
|-------------------|----------------------------|-------------------------|-------------------------|----------------------------------|-----------------------|
| (Number) Compound | <sup>a</sup> CAS Number    | <sup>b</sup> CMC (µg/L) | <sup>b</sup> CCC (µg/L) | Water & organisms (µg/L)         | Organisms only (µg/L) |
|                   |                            | B1                      | B2                      | C1                               | C2                    |
| 78                | 3,3'-Dichlorobenzidine     | 91941                   |                         | 0.021 cl                         | 0.028 cl              |
| 79                | Diethyl Phthalate          | 84662                   |                         | 17000 c                          | 44000 c               |
| 80                | Dimethyl Phthalate         | 131113                  |                         | 270000                           | 1100000               |
| 81                | Di-n-Butyl Phthalate       | 84742                   |                         | 2000 c                           | 4500 c                |
| 82                | 2,4-Dinitrotoluene         | 121142                  |                         | 0.11 l                           | 3.4 l                 |
| 83                | 2,6-Dinitrotoluene         | 606202                  |                         |                                  |                       |
| 84                | Di-n-Octyl Phthalate       | 117840                  |                         |                                  |                       |
| 85                | 1,2-Diphenylhydrazine      | 122667                  |                         | 0.036 cl                         | 0.20 cl               |
| 86                | Fluoranthene               | 206440                  |                         | 130 c                            | 140 c                 |
| 87                | Fluorene                   | 86737                   |                         | 1100 c                           | 5300 c                |
| 88                | Hexachlorobenzene          | 118741                  |                         | 0.00028 cl                       | 0.00029 cl            |
| 89                | Hexachlorobutadiene        | 87683                   |                         | 0.44 cl                          | 18 cl                 |
| 90                | Hexachloro-cyclopentadiene | 77474                   |                         | 40                               | 1100                  |
| 91                | Hexachloroethane           | 67721                   |                         | 1.4 cl                           | 3.3 cl                |
| 92                | Ideno (1,2,3-cd) Pyrene    | 193395                  |                         | 0.0038 cl                        | 0.018 cl              |
| 93                | Isophorone                 | 78591                   |                         | 35 cl                            | 960 cl                |
| 94                | Naphthalene                | 91203                   |                         |                                  |                       |
| 95                | Nitrobenzene               | 98953                   |                         | 17 c                             | 690 c                 |
| 96                | N-Nitrosodimethylamine     | 62759                   |                         | 0.00069 cl                       | 3.0 cl                |
| 97                | N-Nitrosodi-n-Propylamine  | 621647                  |                         | 0.0050 cl                        | 0.51 cl               |
| 98                | N-Nitrosodiphenylamine     | 86306                   |                         | 3.3 cl                           | 6.0 cl                |
| 99                | Phenanthrene               | 85018                   |                         |                                  |                       |
| 100               | Pyrene                     | 129000                  |                         | 830 c                            | 4000 c                |
| 101               | 1,2,4-Trichlorobenzene     | 120821                  |                         | 35                               | 70                    |
| 102               | Aldrin                     | 309002                  | 3                       | 0.000049 cl                      | 0.000050 cl           |
| 103               | alpha-BHC                  | 319846                  |                         | 0.0026 cl                        | 0.0049 cl             |
| 104               | beta-BHC                   | 319857                  |                         | 0.0091 cl                        | 0.017 cl              |
| 105               | gamma-BHC (Lindane)        | 58899                   | 2                       | 0.98 l                           | 1.8 l                 |
| 106               | delta-BHC                  | 319868                  |                         |                                  |                       |

| A                 |                                 | B<br>Aquatic life       |                         | Human health for consumption of: |          |                       |          |     |
|-------------------|---------------------------------|-------------------------|-------------------------|----------------------------------|----------|-----------------------|----------|-----|
| (Number) Compound | <sup>a</sup> CAS Number         | <sup>b</sup> CMC (µg/L) | <sup>b</sup> CCC (µg/L) | Water & organisms (µg/L)         |          | Organisms only (µg/L) |          |     |
|                   |                                 | B1                      | B2                      | C1                               |          | C2                    |          |     |
| 107               | Chlordane                       | 57749                   | 2.4                     | 0.0043                           | 0.00080  | cl                    | 0.00081  | cl  |
| 108               | 4,4'-DDT                        | 50293                   | 1.1                     | 0.001                            | 0.00022  | cl                    | 0.00022  | cl  |
| 109               | 4,4'-DDE                        | 72559                   |                         |                                  | 0.00022  | cl                    | 0.00022  | cl  |
| 110               | 4,4'-DDD                        | 72548                   |                         |                                  | 0.00031  | cl                    | 0.00031  | cl  |
| 111               | Dieldrin                        | 60571                   | 2.5                     | 0.0019                           | 0.000052 | cl                    | 0.000054 | cl  |
| 112               | alpha-Endosulfan                | 959988                  | 0.22                    | 0.056                            | 62       | c                     | 89       | c   |
| 113               | beta-Endosulfan                 | 33213659                | 0.22                    | 0.056                            | 62       | c                     | 89       | c   |
| 114               | Endosulfan Sulfate              | 1031078                 |                         |                                  | 62       | c                     | 89       | c   |
| 115               | Endrin                          | 72208                   | 0.18                    | 0.0023                           | 0.059    | c                     | 0.060    | c   |
| 116               | Endrin Aldehyde                 | 7421934                 |                         |                                  | 0.29     | c                     | 0.30     | c   |
| 117               | Heptachlor                      | 76448                   | 0.52                    | 0.0038                           | 0.000079 | cl                    | 0.000079 | cl  |
| 118               | Heptachlor Epoxide              | 1024573                 | 0.52                    | 0.0038                           | 0.000039 | cl                    | 0.000039 | cl  |
| 119               | Polychlorinated Biphenyls PCBs: | n                       |                         | 0.014 n                          | 0.000064 | clo                   | 0.000064 | clo |
| 120               | Toxaphene                       | 8001352                 | 0.73                    | 0.0002                           | 0.00028  | cl                    | 0.00028  | cl  |
| 121               | Chlorine                        |                         | 19 k                    | 11 k                             |          |                       |          |     |

Table Footnotes

- a. Chemical Abstracts Service (CAS) registry numbers which provide a unique identification for each chemical.
- b. See definitions of Acute Criteria (CMC) and Chronic Criteria (CCC), Section 010 of these rules.
- c. This criterion has been revised to reflect The Environmental Protection Agency's q1\* or RfD, as contained in the Integrated Risk Information System (IRIS) as of May 17, 2002. The fish tissue bioconcentration factor (BCF) from the 1980 Ambient Water Quality Criteria document was retained in each case.
- d. Inorganic form only.
- e. Criteria for these metals are expressed as a function of the water effect ratio, WER, as defined in Subsection 210.03.c.iii. CMC = column B1 value X WER. CCC = column B2 value X WER.
- f. Criterion expressed as total recoverable (unfiltered) concentrations.
- g. No aquatic life criterion is adopted for inorganic mercury. However, the narrative criteria for toxics in Section 200 of these rules applies. The Department believes application of the human health criterion for methylmercury will be protective of aquatic life in most situations.
- h. No numeric human health criteria has been established for this contaminant. However, permit authorities should address this contaminant in NPDES permit actions using the narrative criteria for toxics from Section 200 of these rules.

| A  |                         | B<br>Aquatic life       |                         | Human health for consumption of: |                       |
|--|-------------------------|-------------------------|-------------------------|----------------------------------|-----------------------|
| (Number) Compound  | <sup>a</sup> CAS Number | <sup>b</sup> CMC (µg/L) | <sup>b</sup> CCC (µg/L) | Water & organisms (µg/L)         | Organisms only (µg/L) |
|  |                         | B1                      | B2                      | C1                               | C2                    |
| <p>i. Aquatic life criteria for these metals are a function of total hardness (mg/L as calcium carbonate), the pollutant's water effect ratio (WER) as defined in Subsection 210.03.c.iii. and multiplied by an appropriate dissolved conversion factor as defined in Subsection 210.02. For comparative purposes only, the example values displayed in this table are shown as dissolved metal and correspond to a total hardness of one hundred (100) mg/L and a water effect ratio of one (1.0).</p>  |                         |                         |                         |                                  |                       |
| <p>j. Criteria are expressed as weak acid dissociable (WAD) cyanide.</p>   |                         |                         |                         |                                  |                       |
| <p>k. Total chlorine residual concentrations.</p>  |                         |                         |                         |                                  |                       |
| <p>l. EPA guidance allows states to choose a risk factor of 10<sup>-4</sup> to 10<sup>-6</sup>. Idaho has chosen to base this criterion on carcinogenicity of 10<sup>-6</sup> risk.</p>  |                         |                         |                         |                                  |                       |
| <p>m. Aquatic life criteria for pentachlorophenol are expressed as a function of pH, and are calculated as follows. Values displayed above in the table correspond to a pH of seven and eight tenths (7.8).<br/>                     CMC = exp(1.005(pH)-4.830)<br/>                     CCC = exp(1.005(pH)-5.290)</p>  |                         |                         |                         |                                  |                       |
| <p>n. PCBs are a class of chemicals which include Aroclors, 1242, 1254, 1221, 1232, 1248, 1260, and 1016, CAS numbers 53469219, 11097691, 11104282, 11141165, 12672296, 11096825 and 12674112 respectively. The aquatic life criteria apply to this set of PCBs.</p>   |                         |                         |                         |                                  |                       |
| <p>o. This criterion applies to total PCBs, (e.g. the sum of all congener, isomer, or Aroclor analyses).</p>   |                         |                         |                         |                                  |                       |
| <p>p. This fish tissue residue criterion (TRC) for methylmercury is based on a human health reference dose (RfD) of 0.0001 mg/kg body weight-day; a relative source contribution (RSC) estimated to be 27% of the RfD; a human body weight (BW) of 70 kg (for adults); and a total fish consumption rate of 0.0175 kg/day for the general population, summed from trophic level (TL) breakdown of TL2 = 0.0038 kg fish/day + TL3 = 0.0080 kg fish/day + TL4 = 0.0057 kg fish/day. This is a criterion that is protective of the general population. A site-specific criterion or a criterion for a particular subpopulation may be calculated by using local or regional data, rather than the above default values, in the formula: TRC = [BW x {RfD - (RSCxRfD)}] / Σ TL. In waters inhabited by species listed as threatened or endangered under the Endangered Species Act or designated as their critical habitat, the Department will apply the human health fish tissue residue criterion for methylmercury to the highest trophic level available for sampling and analysis.</p> |                         |                         |                         |                                  |                       |

(3-29-10)

**02. Factors for Calculating Hardness Dependent Metals Criteria.** Hardness dependent metals criteria are calculated using values from the following table in the equations: (5-3-03)

a.  $CMC = WER \exp\{mA[\ln(\text{hardness})] + bA\}$  X Acute Conversion Factor. (5-3-03)

b.  $CCC = WER \exp\{mc[\ln(\text{hardness})] + bc\}$  X Chronic Conversion Factor.

| Metal   | mA | bA | mc | bc | aAcute Conversion Factor | aChronic Conversion Factor |
|---------|----|----|----|----|--------------------------|----------------------------|
| Arsenic | b  | b  | b  | b  | 1.0                      | 1.0                        |

|                |        |        |        |        |                         |       |
|----------------|--------|--------|--------|--------|-------------------------|-------|
| Cadmium        | 0.8367 | -3.560 | 0.6247 | -3.344 | 0.944<br>see footnote a | 0.909 |
| Chromium (III) | 0.819  | 3.7256 | 0.8190 | 0.6848 | 0.316                   | 0.860 |
| Chromium (VI)  | b      | b      | b      | b      | 0.982                   | 0.962 |
| Copper         | 0.9422 | -1.464 | 0.8545 | -1.465 | 0.960                   | 0.960 |
| Lead           | 1.273  | -1.460 | 1.273  | -4.705 | 0.791                   | 0.791 |
| Mercury        | b      | b      | b      | b      | 0.85                    | 0.85  |
| Nickel         | 0.846  | 2.255  | 0.8460 | 0.0584 | 0.998                   | 0.997 |
| Silver         | 1.72   | -6.52  | c      | c      | 0.85                    | c     |
| Zinc           | 0.8473 | 0.884  | 0.8473 | 0.884  | 0.978                   | 0.986 |

Note to table: The term "exp" represents the base e exponential function.

Footnotes to table:

**a.** Conversion factors (CF) are from "Stephan, C. E. 1995. Derivation of conversion factors for the calculation of dissolved freshwater aquatic life criteria for metals. U.S. Environmental Protection Agency, Environmental Research Laboratory – Duluth." The conversion factors for cadmium and lead are hardness-dependent and can be calculated for any hardness (see limitations in Subsection 210.03.b.i.) using the following equations. For comparative purposes, the conversion factors for a total hardness of one hundred (100) mg/L are shown in the table. The conversion factor shall not exceed one (1).

Cadmium

Acute:  $CF = 1.136672 - [(\ln \text{hardness})(0.041838)]$  NOTE: The cadmium acute criterion equation was derived from dissolved metals toxicity data and thus requires no conversion; this conversion factor may be used to back calculate an equivalent total recoverable concentration.

Chronic:  $CF = 1.101672 - [(\ln \text{hardness})(0.041838)]$

Lead (Acute and Chronic):  $CF = 1.46203 - [(\ln \text{hardness})(0.145712)]$

**b.** Not applicable

**c.** No chronic criteria are available for silver.

(3-29-10)

**03. Applicability.** The criteria established in Section 210 are subject to the general rules of applicability in the same way and to the same extent as are the other numeric chemical criteria when applied to the same use classifications including mixing zones, and low flow design discharge conditions below which numeric standards can be exceeded in flowing waters. (5-3-03)

**a.** For all waters for which the Department has determined mixing zones to be applicable, the criteria apply at the appropriate locations specified within or at the boundary of the mixing zone(s); otherwise the criteria apply through the waterbody including at the end of any discharge pipe, canal or other discharge point. (4-11-06)

**b.** Low flow design discharge conditions. Numeric chemical standards can only be exceeded in perennial streams permitted discharges outside any applicable mixing zone when flows are less than the following values:

| Aquatic Life             |             | Human Health    |                    |
|--------------------------|-------------|-----------------|--------------------|
| CMC ("acute" criteria)   | 1Q10 or 1B3 | Non-carcinogens | 30Q5               |
| CCC ("chronic" criteria) | 7Q10 or 4B3 | Carcinogens     | Harmonic mean flow |

(4-11-06)

i. Where “1Q10” is the lowest one-day flow with an average recurrence frequency of once in ten (10) years determined hydrologically; (5-3-03)

ii. Where “1B3” is biologically based and indicates an allowable exceedance of once every three (3) years. It may be determined by EPA’s computerized method (DFLOW model); (5-3-03)

iii. Where “7Q10” is the lowest average seven (7) consecutive day low flow with an average recurrence frequency of once in ten (10) years determined hydrologically; (5-3-03)

iv. Where “4B3” is biologically based and indicates an allowable exceedance for four (4) consecutive days once every three (3) years. It may be determined by EPA’s computerized method (DFLOW model); (5-3-03)

v. Where “30Q5” is the lowest average thirty (30) consecutive day low flow with an average recurrence frequency of once in five (5) years determined hydrologically; and (5-3-03)

vi. Where the harmonic mean flow is a long term mean flow value calculated by dividing the number of daily flows analyzed by the sum of the reciprocals of those daily flows. (5-3-03)

c. Application of metals criteria. (5-3-03)

i. For metals other than cadmium, for purposes of calculating hardness dependent aquatic life criteria from the equations in Subsection 210.02, the minimum hardness allowed for use in those equations shall not be less than twenty-five (25) mg/l, as calcium carbonate, even if the actual ambient hardness is less than twenty-five (25) mg/l as calcium carbonate. For cadmium, the minimum hardness for use in those equations shall not be less than ten (10) mg/l, as calcium carbonate. The maximum hardness allowed for use in those equations shall not be greater than four hundred (400) mg/l, as calcium carbonate, except as specified in Subsections 210.03.c.ii. and 210.03.c.iii., even if the actual ambient hardness is greater than four hundred (400) mg/l as calcium carbonate. (3-29-10)

ii. The hardness values used for calculating aquatic life criteria for metals at design discharge conditions shall be representative of the ambient hardnesses for a receiving water that occur at the design discharge conditions given in Subsection 210.03.b. (5-3-03)

iii. Except as otherwise noted, the aquatic life criteria for metals (compounds #1 through #13 in the criteria table of Subsection 210.02) are expressed as dissolved metal concentrations. Unless otherwise specified by the Department, dissolved concentrations are considered to be concentrations recovered from a sample which has passed through a forty-five hundredths (0.45) micron filter. For the purposes of calculating aquatic life criteria for metals from the equations in footnotes e. and i. in the criteria table in Subsection 210.01, the water effect ratio is computed as a specific pollutant’s acute or chronic toxicity values measured in water from the site covered by the standard, divided by the respective acute or chronic toxicity value in laboratory dilution water. The water-effect ratio shall be assigned a value of one (1.0), except where the Department assigns a different value that protects the designated uses of the water body from the toxic effects of the pollutant, and is derived from suitable tests on sampled water representative of conditions in the affected water body, consistent with the design discharge conditions established in Subsection 210.03.b. For purposes of calculating water effects ratios, the term acute toxicity value is the toxicity test results, such as the concentration lethal one-half (1/2) of the test organisms (i.e., LC50) after ninety-six (96) hours of exposure (e.g., fish toxicity tests) or the effect concentration to one-half of the test organisms, (i.e., EC50) after forty-eight (48) hours of exposure (e.g., daphnia toxicity tests). For purposes of calculating water effects ratios, the term chronic value is the result from appropriate hypothesis testing or regression analysis of measurements of growth, reproduction, or survival from life cycle, partial life cycle, or early life stage tests. The determination of acute and chronic values shall be according to current standard protocols (e.g., those published by the American Society for Testing and Materials (ASTM)) or other comparable methods. For calculation of criteria using site-specific values for both the hardness and the water effect ratio, the hardness used in the equations in Subsection 210.02 shall be as required in Subsection 210.03.c.ii. Water hardness shall be calculated from the measured calcium and magnesium ions present, and the ratio of calcium to magnesium shall be approximately the same in laboratory toxicity testing water as in the site water, or be similar to average ratios of laboratory waters used to derive the criteria. (4-6-05)

- iv. Implementation Guidance for the Idaho Mercury Water Quality Criteria. (4-6-05)

(1) The "Implementation Guidance for the Idaho Mercury Water Quality Criteria" describes in detail suggested methods for discharge related monitoring requirements, calculation of reasonable potential to exceed (RPTE) water quality criteria in determining need for mercury effluent limits, and use of fish tissue mercury data in calculating mercury load reductions. This guidance, or its updates, will provide assistance to the Department and the public when implementing the methylmercury criterion. The "Implementation Guidance for the Idaho Mercury Water Quality Criteria" also provides basic background information on mercury in the environment, the novelty of a fish tissue criterion for water quality, the connection between human health and aquatic life protection, and the relation of environmental programs outside of Clean Water Act programs to reducing mercury contamination of the environment. The "Implementation Guidance for the Idaho Mercury Water Quality Criteria" is available at the Department of Environmental Quality, 1410 N. Hilton, Boise, Idaho 83706, and on the DEQ website at [http://www.deq.idaho.gov/media/639808-idaho\\_mercury\\_wq\\_guidance.pdf](http://www.deq.idaho.gov/media/639808-idaho_mercury_wq_guidance.pdf). (4-6-05)

(2) The implementation of a fish tissue criterion in NPDES permits and TMDLs requires a non-traditional approach, as the basic criterion is not a concentration in water. In applying the methylmercury fish tissue criterion in the context of NPDES effluent limits and TMDL load reductions, the Department will assume change in fish tissue concentrations of methylmercury are proportional to change in water body loading of total mercury. Reasonable potential to exceed (RPTE) the fish tissue criterion for existing NPDES sources will be based on measured fish tissue concentrations potentially affected by the discharge exceeding a specified threshold value, based on uncertainty due to measurement variability. This threshold value is also used for TMDL decisions. Because measured fish tissue concentrations do not reflect the effect of proposed new or increased discharge of mercury, RPTE in these cases will be based upon an estimated fish tissue methylmercury concentration, using projected changes in waterbody loading of total mercury and a proportional response in fish tissue mercury. For the above purposes, mercury will be measured in the skinless filets of sport fish using techniques capable of detecting tissue concentrations down to point zero five (0.05) mg/kg. Total mercury analysis may be used, but will be assumed to be all methylmercury for purposes of implementing the criterion. (4-6-05)

- v. Frequency and duration for toxics criteria. Column B1 criteria are concentrations not to be exceeded for a one-hour average more than once in three (3) years. Column B2 criteria are concentrations not to be exceeded for a four-day average more than once in three (3) years. (4-11-06)

**04. 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 other scientifically defensible methods deemed appropriate by the Department; provided, however, any identified conversion factors within these documents are not incorporated by reference. Metals criteria conversion factors are identified in Subsection 210.02 of this rule. (5-3-03)

a. "Guidance Document on Dissolved Criteria -- Expression of Aquatic Life Criteria," EPA, October 1993, <http://www.deq.idaho.gov/media/827413-epa-guidance-dissolved-criteria-1093.pdf>. (4-5-00)

b. "Guidance Document on Dynamic Modeling and Translators," EPA, August 1993, <http://www.deq.idaho.gov/media/827417-epa-guidance-dynamic-modeling-translators-0893.pdf>. (4-5-00)

c. "Guidance Document on Clean Analytical Techniques and Monitoring," EPA, October 1993, <http://www.deq.idaho.gov/media/827421-epa-guidance-analytical-techniques-1093.pdf>. (4-5-00)

d. "Interim Guidance on Determination and Use of Water-Effect Ratios for Metals," EPA, February 1994, <http://www.deq.idaho.gov/media/827409-epa-guidance-water-effect-ratios-for-metals-0294.pdf>. (4-5-00)

- 05. Development of Toxic Substance Criteria.** (4-5-00)

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: (4-5-00)

- i. Site-specific criteria developed pursuant to Section 275; (4-5-00)
  - ii. Effluent biomonitoring, toxicity testing and whole-effluent toxicity determinations; (4-5-00)
  - 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 (4-5-00)
  - iv. Scientific studies including, but not limited to, instream benthic assessment or rapid bioassessment. (4-5-00)
- b. Human Health Criteria. (4-5-00)**
- 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 seventeen point five (17.5) grams/day, a water ingestion rate of two (2) liters/day and a cancer risk level of 10<sup>-6</sup> shall be utilized. (4-11-06)

**211. -- 249. (RESERVED)**

**250. SURFACE WATER QUALITY CRITERIA FOR AQUATIC LIFE USE DESIGNATIONS.**

**01. General Criteria.** The following criteria apply to all aquatic life use designations. Surface waters are not to vary from the following characteristics due to human activities: (3-15-02)

**a.** Hydrogen Ion Concentration (pH) values within the range of six point five (6.5) to nine point zero (9.0); (3-30-01)

**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)

**02. Cold Water.** Waters designated for cold water aquatic life are not to vary from the following characteristics due to human activities: (3-15-02)

**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)

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)

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)

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

**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)

**c.** Temperature in lakes shall have no measurable change from natural background conditions. Reservoirs with mean detention times of greater than fifteen (15) days are considered lakes for this purpose. (3-15-02)

**d.** Ammonia. The following criteria are not to be exceeded dependent upon the temperature, T (degrees C), and pH of the water body: (3-15-02)



i. Acute Criterion (Criterion Maximum Concentration (CMC)). The one (1) hour average concentration of total ammonia nitrogen (in mg N/L) is not to exceed, more than once every three (3) years, the value calculated using the following equation:

$$CMC = \frac{0.275}{1 + 10^{7.204 - pH}} + \frac{39.0}{1 + 10^{pH - 7.204}}$$

(3-15-02)

ii. Chronic Criterion (Criterion Continuous Concentration (CCC)). (3-15-02)

(1) The thirty (30) day average concentration of total ammonia nitrogen (in mg N/L) is not to exceed, more than once every three (3) years, the value calculated using the following equations: (3-15-02)

(a) When fish early life stages are likely present:

$$CCC = \left( \frac{0.0577}{1 + 10^{7.688 - pH}} + \frac{2.487}{1 + 10^{pH - 7.688}} \right) \bullet MIN(2.85, 1.45 \cdot 10^{0.028 \cdot (25 - T)})$$

(3-15-02)

(b) When fish early life stages are likely absent:

$$CCC = \left( \frac{0.0577}{1 + 10^{7.688 - pH}} + \frac{2.487}{1 + 10^{pH - 7.688}} \right) \bullet 1.45 \cdot 10^{0.028 \cdot (25 - T)}$$

(3-15-02)

(2) The highest four-day (4) average within the thirty-day (30) period should not exceed two point five (2.5) times the CCC. (3-15-02)

(3) Because the Department presumes that many waters in the state may have both spring-spawning and fall-spawning species of fish present, early life stages of fish may be present throughout much of the year. Accordingly, the Department will apply the CCC for when fish early life stages are present at all times of the year unless: (3-15-02)

(a) Time frames during the year are identified when early life stages are unlikely to be present, and (3-15-02)

(b) The Department is provided all readily available information supporting this finding such as the fish species distributions, spawning periods, nursery periods, and the duration of early life stages found in the water body; and (3-15-02)

(c) The Department determines early life stages are likely absent. (3-15-02)

e. 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)

f. Salmonid Spawning. The Department shall determine spawning periods on a waterbody specific basis taking into account knowledge of local fisheries biologists, published literature, records of the Idaho Department of Fish and Game, and other appropriate records of spawning and incubation, as further described in the current version of the "Water Body Assessment Guidance" published by the Idaho Department of Environmental Quality. Waters designated for salmonid spawning, in areas used for spawning and during the time spawning and incubation occurs, are not to vary from the following characteristics due to human activities: (3-30-07)

- 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)
- g.** Bull Trout Temperature Criteria. Water temperatures for the waters identified under Subsection 250.02.g.i. shall not exceed thirteen degrees Celsius (13C) maximum weekly maximum temperature (MWMT) 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 values shall be generated from a recording device with a minimum of six (6) evenly spaced measurements in a twenty-four (24) hour period. The MWMT is the mean of daily maximum water temperatures measured over the annual warmest consecutive seven (7) day period occurring during a given year. (3-30-01)
- 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. No thermal discharges will be permitted to the waters described under Subsection 250.02.g.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). (4-5-00)

Note: Idaho first adopted bull trout temperature criteria in 1998. These criteria were revised in 2001 (docket 58-0102-0002) and submitted to EPA for approval. EPA has not taken action, and so the bull trout temperature criterion effective for federal Clean Water Act purposes is the 1997 federally promulgated temperature criterion of 10°C for 7-day average maximum daily temperatures from June through September for waters specified in the federal rule (see 40 CFR 131.33). However, a few waters identified in Governor Batt's 1996 bull trout conservation plan are not listed in 40 CFR 131.33. For waters not listed in 40 CFR 131.33, the 1998 criteria located at <http://www.deq.idaho.gov/epa-actions-on-proposed-standards> are effective for federal Clean Water Act purposes.

**h.** 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. Seasonal Cold Water.** Between the summer solstice and autumn equinox, waters designated for seasonal cold water aquatic life are not to vary from the following characteristics due to human activities. For the period from autumn equinox to summer solstice the cold water criteria will apply: (3-15-02)

**a.** Dissolved Oxygen Concentrations exceeding six (6) mg/l at all times. In lakes and reservoirs this standard does not apply to: (4-5-00)

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

- thirty-five (35) meters or less. (4-5-00)
- ii. The bottom seven (7) meters of water depth in natural lakes and reservoirs where depths are greater than thirty-five (35) meters. (4-5-00)
  - iii. Those waters of the hypolimnion in stratified lakes and reservoirs. (4-5-00)
- b.** Water temperatures of twenty-six (26) degrees C or less as a daily maximum with a daily average of no greater than twenty-three (23) degrees C. (3-30-01)

Note: Idaho first adopted temperature criteria for the seasonal cold beneficial use in April 2000. In 2001, Idaho revised its temperature criteria for the seasonal cold beneficial use (docket 58-0102-0002). Although the criteria adopted in 2000 have not been acted on by EPA, they were adopted by Idaho and submitted to EPA prior to May 30, 2000. Therefore, the older 2000 seasonal cold temperature criteria are effective for federal Clean Water Act purposes and are located at <http://www.deq.idaho.gov/epa-actions-on-proposed-standards>.

**c.** Temperature in lakes shall have no measurable change from natural background conditions. Reservoirs with mean detention times of greater than fifteen (15) days are considered lakes for this purpose. (3-15-02)

**d.** Ammonia. Concentration of ammonia are not to exceed the criteria defined at Subsection 250.02.d. (3-15-02)

**04. Warm Water.** Waters designated for warm water aquatic life are not to vary from the following characteristics due to human activities: (3-30-07)

**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)

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)

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)

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

**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)

**c.** Temperature in lakes shall have no measurable change from natural background conditions. Reservoirs with mean detention times of greater than fifteen (15) days are considered lakes for this purpose. (3-15-02)

**d.** Ammonia. The following criteria are to be met dependent upon the temperature, T (degrees C), and pH of the water body: (3-15-02)

i. Acute Criterion (Criterion Maximum Concentration (CMC)). The one (1) hour average concentration of total ammonia nitrogen (in mg N/L) is not to exceed, more than once every three (3) years, the value calculated using the following equation:

$$CMC = \frac{0.411}{1 + 10^{7.204 - pH}} + \frac{58.4}{1 + 10^{pH - 7.204}}$$

(3-15-02)

ii. Chronic Criterion (Criterion Continuous Concentration (CCC)). Concentrations of ammonia are not to exceed the criteria defined at Subsection 250.02.d.ii. (3-15-02)

**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 attain the existing aquatic life community. These criteria, when determined, will be adopted into these rules. (3-15-02)

**251. SURFACE WATER QUALITY CRITERIA FOR RECREATION USE DESIGNATIONS.**

**01. E. Coli Bacteria.** Waters designated for recreation are not to contain E.coli bacteria, used as indicators of human pathogens, in concentrations exceeding: (4-11-06)

**a. Geometric Mean Criterion.** Waters designated for primary or secondary contact recreation are not to contain E. coli bacteria in concentrations exceeding 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 seven (7) days over a thirty (30) day period. (4-11-06)

**b. Use of Single Sample Values.** A water sample exceeding the E. coli single sample maximums below indicates likely exceedance of the geometric mean criterion, but is not alone a violation of water quality standards. If a single sample exceeds the maximums set forth in Subsections 251.01.b.i., 251.01.b.ii., and 251.01.b.iii., then additional samples must be taken as specified in Subsection 251.01.c.: (4-11-06)

i. For waters designated as secondary contact recreation, a single sample maximum of five hundred seventy-six (576) E. coli organisms per one hundred (100) ml; or (4-11-06)

ii. For waters designated as primary contact recreation, a single sample maximum of four hundred six (406) E. coli organisms per one hundred (100) ml; or (4-11-06)

iii. For areas within waters designated for primary contact recreation that are additionally specified as public swimming beaches, a single sample maximum of two hundred thirty-five (235) E. coli organisms per one hundred (100) ml. Single sample counts above this value should be used in considering beach closures. (4-11-06)

**c. Additional Sampling.** When a single sample maximum, as set forth in Subsections 251.01.b.i., 251.01.b.ii., and 251.01.b.iii., is exceeded, additional samples should be taken to assess compliance with the geometric mean E. coli criteria in Subsection 251.01.a. Sufficient additional samples should be taken by the Department to calculate a geometric mean in accordance with Subsection 251.01.a. This provision does not require additional ambient monitoring responsibilities for dischargers. (4-11-06)

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

**01. Domestic.** Waters designated for domestic water supplies are to exhibit the following characteristics: (4-5-00)

**a. Radioactive materials or radioactivity** not to exceed concentrations specified in Idaho Department of Environmental Quality Rules, IDAPA 58.01.08, "Rules Governing Public Drinking Water Systems." (8-24-94)

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

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**

| <b>County</b> | <b>Water Body</b>         | <b>Supply No.*</b> | <b>Supply System Name</b>      |
|---------------|---------------------------|--------------------|--------------------------------|
| Benewah       | Spring                    | 1050001            | BLM Sheep Springs              |
| Benewah       | Spring                    | 1050002            | BLM Tingley Springs            |
| Benewah       | Adams Ck.                 | 1050011            | Fernwood Water Dist.           |
| Benewah       | Rochat Ck.                | 1050024            | St Maries, City of             |
| Boise         | Elk Ck.                   | 4080025            | Idaho City Water Dept.         |
| Boise         | McBride Ck.               | 4080047            | Terrace Lakes Rec. Ranch       |
| Bonner        | Spring                    | 1090168            | Beaver Ck Camp Assn            |
| Bonner        | Spring                    | 1090017            | Clark Fork U ID Field Campus   |
| Bonner        | Berry Ck.                 | 1090021            | Colburn Water Assn.            |
| Bonner        | Cougar Ck.                | 1090030            | Cougar Creek Water Assn        |
| Bonner        | Strong Ck.                | 1090038            | East Hope Water Dept.          |
| Bonner        | Composite Spring          | 1090052            | Hope Water System              |
| Bonner        | Spring                    | 1090074            | Lakeview Townsite Improve Assn |
| Bonner        | Spring                    | 1090031            | Midas Water System             |
| Bonner        | Little Sand Ck.           | 1090121            | Sandpoint Water Dept           |
| Bonner        | Schweitzer Ck.            | 1090124            | Schweitzer Basin Water Co      |
| Bonner        | Spring #1                 | 1090123            | Schweitzer Mtn Resort          |
| Bonner        | Spring #2                 | 1090123            | Schweitzer Mtn Resort          |
| Bonner        | Springs                   | 1090151            | West Bonner WD#1               |
| Boundary      | Meadow Ck.                | 1110001            | Bee Line Water Assn.           |
| Boundary      | Myrtle Ck.                | 1110003            | Bonnors Ferry, City of         |
| Boundary      | Spring                    | 1110007            | Cow Ck Water Assn              |
| Boundary      | Curley Ck.                | 1110008            | Curley Ck. Water Assn.         |
| Boundary      | Mission Ck.               | 1110019            | Mission Creek Water Assn.      |
| Boundary      | Caribou Ck.               | 1110020            | Moravia Water Assn.            |
| Boundary      | Spring                    | 1110044            | Northwest Academy/Ascent       |
| Boundary      | Ruby Ck.                  | 1110044            | Northwest Academy/Ascent       |
| Boundary      | Brown Creek and Cedar Ck. | 1110023            | Paradise Valley Water Assn.    |
| Boundary      | Spring #1                 | 1110024            | Rocky Mountain Academy         |
| Boundary      | Spring #2                 | 1110024            | Rocky Mountain Academy         |
| Boundary      | Skin Ck.                  | 1110025            | Skin Ck. Water Assn.           |
| Boundary      | Springs                   | 1110029            | Trow Creek Water Assn          |

| <b>County</b> | <b>Water Body</b>                     | <b>Supply No.*</b> | <b>Supply System Name</b>        |
|---------------|---------------------------------------|--------------------|----------------------------------|
| Boundary      | Twenty Mile Ck.                       | 1110030            | Twenty Mile Ck. Water Assn.      |
| Clearwater    | N.F. Clearwater R.**                  | 2180001            | Ahsahka Water and Sewer District |
| Clearwater    | Reeds Ck.                             | 2180029            | Potlatch Corp-Headquarters       |
| Custer        | Garden Ck.                            | 7190013            | Challis, City of                 |
| 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.       |
| Kootenai      | Spring                                | 1280068            | Excelsior Beach Water            |
| Kootenai      | Rose Spring                           | 1280161            | Rose Lake Water Assn             |
| Lemhi         | Chick Ck., Jesse Ck., and Pollard Ck. | 7300042            | Salmon, City of                  |
| Nez Perce     | Big Canyon Ck.                        | 2350023            | Peck Water System                |
| Shoshone      | Lake Ck.                              | 1400081            | Asarco Galena Unit               |
| Shoshone      | Shields Ck.                           | 1400089            | Central Shoshone County WD       |
| Shoshone      | Big Ck.                               | 1400089            | Central Shoshone County WD       |
| Shoshone      | McFarren Ck.                          | 1400089            | Central Shoshone County WD       |
| Shoshone      | Milo Ck.                              | 1400089            | Central Shoshone County WD       |
| Shoshone      | Sawmill Gulch and Canyon Ck.          | 1400016            | East Shoshone County WD-Burke    |
| Shoshone      | Boulder Ck.                           | 1400017            | East Shoshone County WD-Mullan   |
| Shoshone      | Cranky Gulch                          | 1400019            | East Shoshone County WD-Wallace  |
| Shoshone      | Weyer Gulch                           | 1400019            | East Shoshone County WD-Wallace  |
| Shoshone      | Experimental Ck.                      | 1400019            | East Shoshone County WD-Wallace  |
| Shoshone      | Canyon Ck.                            | 1400016            | East Shoshone County WD-Burke    |
| Shoshone      | Mill Ck.                              | 1400017            | East Shoshone County WD-Mullan   |
| Shoshone      | Placer Ck.-main channel               | 1400019            | East Shoshone County WD-Wallace  |
| Shoshone      | Placer Ck-WF                          | 1400019            | East Shoshone County WD-Wallace  |
| Shoshone      | Deadman Ck. MF                        | 1400028            | Hecla Mining Co-Lucky Friday     |
| Shoshone      | National Tunnel                       | 1400028            | Hecla Mining Co-Lucky Friday     |
| Shoshone      | Deadman Ck. WF                        | 1400028            | Hecla Mining Co-Lucky Friday     |

| County   | Water Body                   | Supply No.* | Supply System Name            |
|----------|------------------------------|-------------|-------------------------------|
| Shoshone | Spring                       | 1400067     | Lookout Pass Ski Area         |
| Shoshone | Alder Ck. and East Alder Ck. | 1400039     | Murray Water Works            |
| Shoshone | E.F. Silver Ck.              | 1400046     | Silver Creek Water Assn.      |
| Shoshone | Big Ck #1                    | 1400050     | Sunshine Precious Metals      |
| 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. (3-30-01)

ii. For those surface waters identified in Subsection 252.01.b.i. turbidity as measured at the public water intake shall not be: (4-5-00)

(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)

(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)

**02. Agricultural.** 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 Environmental Quality, or can be obtained from EPA or the U.S. Government Printing Office. (4-5-00)

**03. Industrial.** 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 252 or 275 through 298. (4-5-00)

**253. SURFACE WATER QUALITY CRITERIA FOR WILDLIFE AND AESTHETICS USE DESIGNATIONS.**

**01. 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 253 or 275 through 298. (4-5-00)

**02. 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 253 or 275 through 298. (4-5-00)

**254. -- 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 shall be granted pursuant to the following procedure: (3-15-02)

i. Prior to granting a variance, the Department shall publish notice of the Department's tentative determination to grant a variance and shall receive written comments for not less than thirty (30) days after the date the notice is published. The notice shall contain a clear description of the impacts of the variance upon the receiving stream segment. The Department shall also provide an opportunity for oral presentation of comments, if requested in writing within fourteen (14) days of the notice, by twenty-five (25) persons, a political subdivision, or an agency. (3-15-02)

ii. The Department's final decision with respect to a variance may be appealed pursuant to IDAPA 58.01.23, "Rules of Administrative Procedure Before the Board of Environmental Quality." The Department shall maintain and make available to the public an updated list of variances. (3-15-02)

**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, intermittent, or low flow conditions or water levels prevent the attainment of the standard; or (4-5-00)

or  
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.** In addition to any variances listed separately from these rules as described in Subsection 260.01.a.ii., the following variances have also been granted by the Department in accordance with Subsection 260.01: (3-15-02)

**a.** The South Fork Coeur d'Alene River Sewer District (Page Wastewater Treatment Facility) is granted variances from meeting water quality standards in Section 250 for ammonia and chlorine, and Section 210 for cadmium, lead, and zinc, discharged to the West Page Swamp, located in T49N, R2E, S32, Boise Prime Meridian. (3-30-01)

**b.** The variances provided in Subsection 260.02.b. are conditioned upon the discharges showing reasonable progress toward reducing their discharge of ammonia and chlorine. Reasonable progress shall be



measured according to the terms of the state's certification of the discharges. (3-30-01)

**261. -- 274. (RESERVED)**

**275. SITE-SPECIFIC SURFACE WATER QUALITY CRITERIA.**

**01. Procedures for Establishing Site-specific Water Quality Criteria.** The water quality criteria adopted in these standards may not always reflect the toxicity of a pollutant in a specific water body. These criteria also represent a limited number of the natural and human-made chemicals that exist in the environment which may pose a threat to designated or existing beneficial uses. Thus, it may be possible in some water bodies to develop new water quality criteria or modify existing criteria through site-specific analyses which will effectively protect designated and existing beneficial uses. (8-24-94)

**a.** The following are acceptable conditions for developing site-specific criteria: (8-24-94)

**i.** Resident species of a water body are more or less sensitive than those species used to develop a water quality criterion. (8-24-94)

(1) Natural adaptive processes have enabled a viable, balanced aquatic community to exist in waters where natural background levels of a pollutant exceed the water quality criterion (i.e., resident species have evolved a greater resistance to higher concentrations of a pollutant). (8-24-94)

(2) The composition of aquatic species in a water body is different from those used to derive a water quality criterion (i.e., more or less sensitive species to a pollutant are present or representative of a water body than have been used to derive a criterion). (8-24-94)

**ii.** Biological availability and/or toxicity of a pollutant may be altered due to differences between the physicochemical characteristics of the water in a water body and the laboratory water used in developing a water quality criterion (e.g., alkalinity, hardness, pH, salinity, total organic carbon, suspended solids, turbidity, natural complexing, fate and transport water, or temperature). (8-24-94)

**iii.** The affect of seasonality on the physicochemical characteristics of a water body and subsequent effects on biological availability and/or toxicity of a pollutant may justify seasonally dependent site-specific criteria. (8-24-94)

**iv.** Water quality criteria may be derived to protect and maintain existing ambient water quality. (8-24-94)

**v.** Other factors or combinations of factors that upon review of the Department may warrant modifications to the criteria. (8-24-94)

**b.** Any person may develop site-specific criteria in accordance with these rules. To insure that the approach to be used in developing site-specific criteria is scientifically valid, the Department shall be involved early in the planning of any site-specific analyses so that an agreement can be reached concerning the availability of existing data, additional data needs, methods to be used in generating new data, testing procedures to be used, schedules to be followed and quality control and assurance provisions to be used. (8-24-94)

**c.** Site-specific criteria shall not impair designated or existing beneficial uses year-round (or seasonally for seasonal dependent criteria) and shall prevent acute and chronic toxicity outside of approved mixing zones. If site-specific criteria are seasonally dependent, the period when the criteria apply shall be clearly identified. (8-24-94)

**d.** Site-specific criteria, if appropriate, shall include both chronic and acute concentrations to more accurately reflect the different tolerances of resident species to the inherent variability between concentrations and toxicological characteristics of a pollutant. (8-24-94)

**e.** Site-specific criteria shall be clearly identified as maximum (not to be exceeded) or average values.

If a criterion represents an average value, the averaging period shall be specified. The conditions, if any, when the criteria apply shall be clearly stated (e.g., specific levels of hardness, pH, water temperature, or bioavailability). Specific sampling requirements (location, frequency, etc.), if any, shall also be specified. (8-24-94)

f. A site may be limited to the specific area affected by a point or nonpoint source of pollution or, if appropriate, an expanded geographical area (e.g., ecoregion, river basin, sub-basin, etc.). For a number of different water bodies to be designated as one site, their respective aquatic communities cannot vary substantially in sensitivity to a pollutant. Site boundaries shall be geographically defined. (8-24-94)

g. Proposed site-specific water quality criteria must be approved by the Board in accordance with the Idaho Administrative Procedure Act. The Department of Environmental Quality shall determine whether to approve a request for site-specific criteria in accordance with this section and within twenty-eight (28) days after receipt of the request, and will introduce acceptable site-specific criteria for rule-making. (8-24-94)

h. The following are acceptable procedures for developing site-specific criteria for aquatic life protection. (8-24-94)

i. Site-specific analyses for the development of new water quality criteria shall be conducted in a manner which is scientifically justifiable and consistent with the assumptions and rationale in "Guidelines for Deriving Numerical National Water Quality Criteria for the Protection of Aquatic Organisms and Their Uses," EPA 1985. This document is available for review at the Idaho Department of Environmental Quality or may be obtained from EPA or the U.S. Government Printing Office. (8-24-94)

ii. Site-specific analyses for the modification of existing water quality criteria shall be conducted in accordance with one of the following procedures, as described in the "Water Quality Standards Handbook," EPA 1983. This document is available for review at the Idaho Department of Environmental Quality or may be obtained from EPA or the U.S. Government Printing Office. (8-24-94)

(1) Recalculation Procedure. This procedure is used to account for differences in sensitivity to a pollutant between resident species and those species used in deriving the criterion. Bioassays in laboratory water may be required for untested resident species. (8-24-94)

(2) Indicator Species Procedure. This procedure is used to account for differences in biological availability and/or toxicity of a chemical between the physicochemical characteristics of the water in a water body and the laboratory water used in developing criteria. Bioassays in site water are required using resident species or acceptable nonresident species. (8-24-94)

(3) Resident Species Procedure. This procedure is used to account for differences in both resident species sensitivity and biological availability and/or toxicity of a pollutant. Bioassays in site water using resident species are required. (8-24-94)

(4) Water effects ratios as defined by EPA guidance documents. (8-24-94)

(5) Other scientifically defensible procedures such as relevant aquatic field studies, laboratory tests, biological translators, fate and distribution models, risk analyses or available scientific literature. (8-24-94)

(a) Deviations from the above described EPA procedures shall have justifications which are adequately documented and based on sound scientific rationale. (8-24-94)

(b) The data, testing procedures and application factors used to develop site-specific criteria shall reflect the nature of the pollutant (e.g., persistency, bioaccumulation potential, avoidance or attraction responses in fish, etc.), the designated and existing beneficial uses, and the most sensitive resident species of a water body. (8-24-94)

**02. Water Quality Criteria for Specific Waters.** Standards provided in Sections 276 through 298 for specific waters will supersede Sections 210, 250, 251, 252, and 253 when the application of the standards contained in both sections would present a conflict. (5-3-03)

**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.a. or 250.02.f.i. (4-5-00)

**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.a. or 250.02.f.i. (4-5-00)

**02. Dissolved Oxygen Concentrations Below Existing Facilities.** As of the effective date of these regulations, and except as noted in Subsections 276.03 and 276.04, waters below dams, reservoirs, and hydroelectric facilities shall contain the following dissolved oxygen concentrations during the time period indicated:

| mg/l Dissolved Oxygen  |             |                    |                       |
|------------------------|-------------|--------------------|-----------------------|
| Time Period (annually) | 30-day Mean | 7-Day Mean Minimum | Instantaneous Minimum |
| June 15 - Oct 15       | 6.0         | 4.7                | 3.5                   |

(7-1-93)

**03. Dissolved Oxygen Concentrations for Modifications of Existing Facilities or for New Facilities.** Modifications of existing facilities or new facilities are subject to the provisions of Subsection 276.02 unless the state has documented the existence of significant fish spawning areas below the facility. If such areas exist, then waters below those facilities shall contain the dissolved oxygen concentrations shown in Subsection 276.02 during the modified time periods indicated for each species below:

| Fish Species               | Time Period (annually) |
|----------------------------|------------------------|
| Cutthroat trout            | July 1 - Oct 15        |
| Kokanee and Chinook Salmon | June 15 - Aug 1        |
| Bull Trout                 | June 15 - Sept 1       |

(7-1-93)

**04. Dissolved Oxygen Concentrations Below American Falls Dam.** All waters below American Falls Dam shall contain the following dissolved oxygen concentrations during the time period indicated:

| mg/l Dissolved Oxygen  |             |                    |                       |
|------------------------|-------------|--------------------|-----------------------|
| Time Period (annually) | 30-Day Mean | 7-Day Mean Minimum | Instantaneous Minimum |
| May 15 - Oct 15        | 5.5         | 4.7                | 3.5                   |

(7-1-93)

**05. Point of Measurement.** For the purpose of determining compliance with Subsections 276.02, 276.03 and 276.04, the dissolved oxygen shall be measured at a single location in the river downstream from the hydroelectric facilities. Such location shall be as close to the facilities as practical to obtain a representative measurement, but in all cases shall be sufficient distance downstream to allow thorough mixing of reaerated waters,

spilled by-pass waters, and other waters that have passed through the facility. (7-1-93)

**06. Instantaneous Minimum.** Any measurement of dissolved oxygen below the applicable instantaneous minimum will be considered a violation unless that measurement is followed by two (2) consecutive measurements at or above the instantaneous minimum and taken within twenty (20) minutes of the initial measurement (at ten (10) minute intervals). (1-10-86)

**07. Procedures and Conditions for Variances.** The Board may grant a variance, on an individual basis, to the dissolved oxygen standards, the applicable dates of compliance, or both, as listed in Subsections 276.02, 276.03, or 276.04 only if: (7-1-93)

**a.** A written petition requesting a variance is submitted to the Department; (7-1-93)

**b.** The petition includes documentation of site-specific biological studies which demonstrate that no significant fishery impacts will occur as a result of the variance, if granted; and (7-1-93)

**c.** The requested variance will not result in departure from the three point five (3.5) mg/l instantaneous minimum dissolved oxygen requirements of this section. (1-10-86)

**277. (RESERVED)**

**278. LOWER BOISE RIVER SUBBASIN, HUC 17050114 SUBSECTION 140.12.**

**01. Boise River, SW-1 and SW-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. (3-15-02)

**02. Boise River, SW-5 and SW-11a -- Copper and Lead Aquatic Life Criteria.** The water-effect ratio (WER) values used in the equations in Subsection 210.02 for calculating copper and lead CMC and CCC values shall be two and five hundred seventy-eight thousandths (2.578) for dissolved copper and two and forty-nine thousandths (2.049) for lead. These site-specific criteria shall apply to the Boise River from the Lander St. wastewater outfall to where the channels of the Boise River become fully mixed downstream of Eagle Island. (5-3-03)

**03. Indian Creek, SW-3a -- Site-Specific Criteria for Water Temperature.** A maximum weekly maximum temperature of thirteen degrees C (13°C) to protect brown trout and rainbow trout spawning and incubation applies from October 15 through June 30. (3-29-12)

**04. Boise River, SW-5 and SW-11a -- Site-Specific Criteria for Water Temperature.** A maximum weekly maximum temperature of thirteen degrees C (13°C) to protect brown trout, mountain whitefish, and rainbow trout spawning and incubation applies from November 1 through May 30. (3-29-12)

**05. Point Source Thermal Treatment Requirement.** With regard to the limitations set forth in Section 401 relating to point source wastewater discharges, only the limitations of Subsections 401.01.a. and 401.01.b. and the temperature limitation relating to natural background conditions shall apply to discharges to any water body within the Lower Boise River Subbasin. (3-29-12)

**279. (RESERVED)**

**280. ROCK CREEK, CEDAR DRAW, DEEP CREEK AND BIG WOOD RIVER - CANAL SYSTEM.**

**01. Rock Creek, Cedar Draw, and Deep Creek.** For the purposes of water quality protection, the following waterways are recognized as used by the Twin Falls Canal Company as spillways, collection and conveyance facilities and such waterways shall also be protected for those uses: Rock Creek from the intersection with the High Line Canal of the Twin Falls Canal System to the mouth; Cedar Draw from the intersection with the High Line Canal of the Twin Falls Canal System to the mouth, Deep Creek from the intersection with the High Line

Canal of the Twin Falls Canal system to the mouth, all in Twin Falls County. (7-1-93)

**02 Big Wood River -- Canal System.** For the purposes of water quality protection, the following waterway is also recognized as used by the North Side Canal Company for the purposes of conveying canal water and shall also be protected for that use: Big Wood River from the point of union with the North Side Canal System, located in Section 31, T. 5 S., R. 15 E., Boise Meridian, downstream to the last irrigation diversion of the North Side Canal Company from the Malad River located in Section 25, T. 6 S., R. 13 E., Boise Meridian. (7-1-93)

**281. -- 282. (RESERVED)**

**283. SPOKANE RIVER, SUBSECTION 110.12, HUC 17010305, UNITS P-3 AND P-4, SITE-SPECIFIC CRITERIA FOR AMMONIA.**

The following criteria are to be met dependent upon the temperature, T (degrees C), and pH of the water body: (3-30-01)

**01. Acute Criterion (Criterion Maximum Concentration (CMC)).** The one (1) hour average concentration of total ammonia nitrogen (in mg N/L) is not to exceed, more than once every three (3) years, the value calculated using the following equation:

$$CMC = \frac{0.275}{1 + 10^{7.204 - pH}} + \frac{39.0}{1 + 10^{pH - 7.204}}$$

(3-30-01)

**02. Chronic Criterion (Criterion Continuous Concentration (CCC)).** (3-30-01)

**a.** The thirty (30) day average concentration of total ammonia nitrogen (in mg N/L) is not to exceed, more than once every three (3) years, the value calculated using the following equation:

$$CCC = \left( \frac{0.0577}{1 + 10^{7.688 - pH}} + \frac{2.487}{1 + 10^{pH - 7.688}} \right) \bullet MIN(2.85, 1.45 \cdot 10^{0.028 \cdot (25 - T)})$$

(3-30-01)

**b.** The highest four (4) day average within the thirty (30) day period should not exceed two and five tenths (2.5) times the CCC. (3-30-01)

**284. SOUTH FORK COEUR D'ALENE SUBBASIN, SUBSECTION 110.09, HUC 17010302, AQUATIC LIFE CRITERIA FOR CADMIUM, LEAD AND ZINC.**

The following criteria are to be met dependent upon the hardness, expressed as mg/l of calcium carbonate, of the water. Criterion maximum concentrations (CMC), one (1) hour average concentrations, and criterion continuous concentrations (CCC), four (4) day average concentrations, of the dissolved metals (in µg/l) are not to exceed, more than once every three (3) years, the values calculated using the following equations: (3-15-02)

**01. Cadmium.** (3-15-02)

**a.**  $CMC = 0.973 \times e^{[(1.0166 \times \ln(\text{hardness})) - 3.924]}$  (3-15-02)

**b.**  $CCC = [1.101672 - (\ln(\text{hardness}) \times 0.041838)] \times e^{[(0.7852 \times \ln(\text{hardness})) - 3.490]}$  (3-15-02)

**02. Lead.** (3-15-02)

**a.**  $CMC = e^{[(0.9402 \times \ln(\text{hardness})) + 1.1834]}$  (3-15-02)

**b.**  $CCC = e^{[(0.9402 \times \ln(\text{hardness})) - 0.9875]}$  (3-15-02)

**03. Zinc.** (3-15-02)

**a.**  $CMC = e^{[(0.6624 \times \ln(\text{hardness})) + 2.2235]}$  (3-15-02)

**b.**  $CCC = e^{[(0.6624 \times \ln(\text{hardness})) + 2.2235]}$  (3-15-02)

**04. Application.** (3-15-02)

**a.** The maximum hardness allowed for use in the equations in Section 284 shall not be greater than four hundred (400) mg/l even if the actual ambient hardness is greater than four hundred (400) mg/l. (3-15-02)

**b.** The criteria described in Section 284 apply to the South Fork Coeur d'Alene River subbasin, units P-11 and P-13. (3-15-02)

**c.** In addition to the waters listed in subsection 284.04.b, the criteria described in Section 284 apply to all surface waters within the subbasin, except for natural lakes, for which the statewide criteria given in Section 210 apply. (3-15-02)

**285. SNAKE RIVER, SUBSECTION 140.13, HUC 17050115, UNIT SW1; AND SUBSECTION 140.19, HUC 17050201, UNITS SW1, SW2, SW3 AND SW4, SITE-SPECIFIC CRITERIA FOR WATER-COLUMN DISSOLVED OXYGEN.**

A minimum of six and five-tenths (6.5) mg/l of water-column dissolved oxygen shall be met in the Snake River from the Idaho/Oregon border to Hell's Canyon Dam. (3-20-04)

**286. SNAKE RIVER, SUBSECTION 130.01, HUC 17060101, UNIT S1, S2, AND S3; SITE-SPECIFIC CRITERIA FOR WATER TEMPERATURE.**

Weekly maximum temperatures (WMT) are regulated to protect fall chinook spawning and incubation in the Snake River from Hell's Canyon Dam to the confluence with the Salmon River from October 23 through April 15. Because the WMT is a lagged seven (7) day average, the first WMT is not applicable until the seventh day of this time period, or October 29. A WMT is calculated for each day after October 29 based upon the daily maximum temperature for that day and the prior six (6) days. From October 29 through November 6, the WMT must not exceed fourteen point five degrees C (14.5°C). From November 7 through April 15, the WMT must not exceed thirteen degrees C (13°C). (3-29-12)

Note: Submitted to EPA on June 8, 2012 (docket 58-0102-1102). This water quality standard revision modified the existing site-specific temperature criterion to protect fall Chinook spawning below Hell's Canyon Dam by providing for a two week transition in temperatures from October 23 through November 6. Until EPA approves of this change, the previous criterion located at <http://www.deq.idaho.gov/epa-actions-on-proposed-standards> is effective for federal Clean Water Act purposes and continues to apply.

**287. -- 299. (RESERVED)**

**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 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, 210, 250, 251, 252, and 253, 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. (4-5-00)

**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 Subsection 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. (3-29-12)

**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, 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: (4-5-00)

- 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. Approved Best Management Practices.** The following are approved best management practices for the purpose of Subsection 350.02: (12-31-91)

a. “Rules Pertaining to the Idaho Forest Practices Act,” IDAPA 20.02.01, as adopted by Board of Land Commissioners; (12-31-91)

b. Idaho Department of Environmental Quality Rules, IDAPA 58.01.06, “Solid Waste Management Rules and Standards”; (7-1-93)

c. Idaho Department of Environmental Quality Rules, IDAPA 58.01.03, “Individual/Subsurface



Sewage Disposal Rules”; (7-1-93)

**d.** “Stream Channel Alteration Rules,” IDAPA 37.03.07, as adopted by the Board of Water Resources; (7-1-93)

**e.** For the Spokane Valley Rathdrum Prairie Aquifer, “Rathdrum Prairie Sewage Disposal Regulations,” as adopted by the Panhandle District Health Department Board of Health and approved by the Idaho Board of Environmental Quality; (7-1-93)

**f.** “Rules Governing Exploration, Surface Mining, and Closure of Cyanidation Facilities,” IDAPA 20.03.02, as adopted by the Board of Land Commissioners; and (7-1-93)

**g.** “Dredge and Placer Mining Operations in Idaho,” IDAPA 20.03.01, as adopted by the Board of Land Commissioners. (7-1-93)

**h.** “Rules Governing Dairy Waste,” IDAPA 02.04.14, as adopted by the Department of Agriculture. (3-20-97)

**351. -- 399. (RESERVED)**

**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. (4-5-00)

**b.** No unauthorized discharge from a point source shall occur to waters of the state. (4-11-06)

**02. Limitations to Point Source Restrictions.** 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, or a valid NPDES permit issued by the EPA, the discharge or facility will not be subject to additional restrictions or conditions based on Subsection 080.01 and Sections 200, 210, 250, 251, 252, and 253. (3-29-12)

**03. Compliance Schedules for Water Quality-Based Effluent Limitations.** Discharge permits for point sources may incorporate compliance schedules which allow a discharger to phase in, over time, compliance with water quality-based effluent limitations when new limitations are in the permit for the first time. (3-15-02)

**04. Wetlands Used for Wastewater Treatment.** (8-24-94)

**a.** Waters contained within wetlands intentionally created from non-wetland sites for the purpose of wastewater or stormwater treatment, and operated in compliance with NPDES permit conditions, shall not be subject to the application of general water quality-based or site-specific criteria and standards. (8-24-94)

**b.** Waters contained within wetlands intentionally created from non-wetland sites for the purpose of treatment of nonpoint sources of pollution, and operated in compliance with best management practices, shall not be subject to the application of general water quality-based or site specific criteria and standards. (8-24-94)

**c.** Discharges from treatment systems described in Sections 400.04.a. and 400.04.b. to waters of the state are subject to all applicable rules and requirements governing such discharges. (8-24-94)

**05. Flow Tiered NPDES Permit Limitations.** Discharge permits for point sources discharging to waters exhibiting unidirectional flow may incorporate tiered limitations for conventional and toxic constituents at the discretion of the department. (8-24-94)

**401. POINT SOURCE WASTEWATER TREATMENT REQUIREMENTS.**

Unless more stringent limitations are necessary to meet the applicable requirements of Sections 200 through 300, or unless specific exemptions are made pursuant to Subsection 080.02, wastewaters discharged into surface waters of the state must have the following characteristics: (4-11-06)

- 01. Temperature.** The wastewater must not affect the receiving water outside the mixing zone so that: (7-1-93)
- a.** The temperature of the receiving water or of downstream waters will interfere with designated beneficial uses. (7-1-93)
  - b.** Daily and seasonal temperature cycles characteristic of the water body are not maintained. (7-1-93)
  - c.** If temperature criteria for the designated aquatic life use are exceeded in the receiving waters upstream of the discharge due to natural background conditions, then wastewater must not raise the receiving water temperatures by more than three tenths (0.3) degrees C. (3-29-12)

Note: Submitted to EPA as a temporary rule on July 20, 2011, and as a final rule on August 7, 2012 (docket 58-0102-1101). This water quality standard revision removed the numeric limits on point source induced changes in receiving water temperature. Until EPA approves of this change, the previous treatment requirements located at <http://www.deq.idaho.gov/epa-actions-on-proposed-standards> are effective for federal Clean Water Act purposes and continue to apply.

- 02. Turbidity.** The wastewater must not increase the turbidity of the receiving water outside the mixing zone by: (7-1-93)
- a.** More than five (5) NTU (Nephelometric Turbidity Units) over background turbidity, when background turbidity is fifty (50) NTU or less; or (7-1-93)
  - b.** More than ten percent (10%) increase in turbidity when background turbidity is more than fifty (50) NTU, not to exceed a maximum increase of twenty-five (25) NTU. (7-1-93)
- 03. Total Chlorine Residual.** The wastewater must not affect the receiving water outside the mixing zone so that its total chlorine residual concentration exceeds eleven one-thousandths (0.011) mg/l. (1-1-89)

**402. -- 799. (RESERVED)**

**800. HAZARDOUS AND DELETERIOUS MATERIAL STORAGE.**

Hazardous and deleterious materials must not be stored, disposed of, or accumulated adjacent to or in the immediate vicinity of state waters unless adequate measures and controls are provided to insure that those materials will not enter state waters as a result of high water, precipitation runoff, wind, storage facility failure, accidents in operation, or unauthorized third party activities. (7-1-93)

- 01. Criteria to Be Evaluated.** Measures and controls will be judged by the Department on the basis of the following: (7-1-93)
- a.** Potential of a given occurrence; and (7-1-93)
  - b.** The potential injury to beneficial uses presented by the nature and quantity of the material and on the physical design of the facility. (7-1-93)
- 02. Delineation of Materials.** Such material includes, but is not limited to, trash, rubbish, garbage, oil, gasoline, chemicals, sawdust, and accumulations of manure. (7-1-93)

**801. -- 848. (RESERVED)**

**849. OIL FILLED ELECTRIC EQUIPMENT.**

Releases of Dielectric Oil from oil filled electric equipment are subject to the following requirements: (3-20-97)

**01. Unauthorized Releases.** In the case of an unauthorized release of dielectric oil to state waters or to land such that there is a likelihood that it will enter state waters, the persons in charge must: (3-20-97)

**a. Stop Continuing Releases.** Make every reasonable effort to abate and stop a continuing release. Provided however, that seepage normally associated with oil filled electrical equipment occurring in substations or distribution facilities with restricted access and not causing a threat to waters of the state is not considered a continuing release. (3-20-97)

**b. Contain Material.** Make every reasonable effort to contain released dielectric oil in such a manner that it will not reach surface or ground water of the state. (3-20-97)

**c. Department Notification Required.** Notify the Department or designated agent within forty-eight (48) hours of discovery of any release over twenty-five (25) gallons, or any release causing a threat to waters of the state, from any piece of electrical equipment. (3-20-97)

**d. Collect, Remove, and Dispose.** Collect, remove, and dispose of the released dielectric oil and any contaminated media in a manner approved by the Department. (3-20-97)

**e. Compliance with Section 852.** If collection, removal, and disposal cannot be accomplished within thirty (30) days after discovery of a release, the persons in charge shall comply with Section 852. (3-20-97)

**02. Applicability.** This section applies only to equipment used in the transmission of electricity such as transformers, regulators, reactors, circuit breakers, switch gear and attendant equipment which is filled with mineral insulating oil of a petroleum origin. This section does not pertain to bulk storage of dielectric oil which is not contained in electrical equipment. (3-20-97)

**850. HAZARDOUS MATERIAL SPILLS.**

In the case of an unauthorized release of hazardous materials to state waters or to land such that there is a likelihood that it will enter state waters, the responsible persons in charge must: (7-1-93)

**01. Stop Continuing Spills.** Make every reasonable effort to abate and stop a continuing spill. (7-1-93)

**02. Contain Material.** Make every reasonable effort to contain spilled material in such a manner that it will not reach surface or groundwaters of the state. (7-1-93)

**03. Department Notification Required.** Immediately notify the Department or designated agent of the spills. (7-1-93)

**04. Collect, Remove and Dispose.** Collect, remove, and dispose of the spilled material in a manner approved by the Department. (7-1-93)

**851. PETROLEUM RELEASE REPORTING, INVESTIGATION, AND CONFIRMATION.**

**01. Reporting of Suspected Releases for All Petroleum Storage Tank Systems.** Owners and operators of petroleum storage tank (PST) systems shall report to the Department within twenty-four (24) hours and follow the procedures in Subsection 851.03 for any of the following conditions: (7-1-93)

**a.** The discovery by owners and operators or others of a petroleum release at the PST site or in the surrounding area other than spills and overfills described in Subsection 851.04, such as the presence of free product or dissolved product in nearby surface water or ground water or vapors in soils, basements, sewer or utility lines. (7-1-93)

**b.** Unusual operating conditions observed by owners and operators such as the erratic behavior of product dispensing equipment, the sudden loss of product from the PST system, or an unexplained presence of water

in the PST system, unless system equipment is found to be defective but not leaking, and is immediately repaired or replaced. (7-1-93)

**c.** Monitoring results from a release detection method that indicate a release may have occurred unless: (7-1-93)

**i.** The monitoring device is found to be defective, and is immediately repaired, recalibrated or replaced, and additional monitoring does not confirm the initial result; or (7-1-93)

**ii.** In the case of inventory control, a second month of data does not confirm the initial result. (7-1-93)

**02. Investigation Due to Off-Site Impacts.** When required by the Department, owners and operators shall follow the procedures in Subsection 851.03 to determine if the PST system is the source of off-site impacts. These impacts include the discovery of petroleum, such as the presence of free product or dissolved product in nearby surface water or ground water or vapors in soils, basements, sewer and utility lines, that has been observed by the Department or brought to its attention by another party. (7-1-93)

**03. Release Investigation and Confirmation Steps.** Unless corrective action is initiated in accordance with Section 852, owners and operators shall immediately investigate and confirm all suspected releases of petroleum within seven (7) days, or another time period specified by the Department, of discovery and using at least one (1) of the following steps or another procedure approved by the Department: (7-1-93)

**a.** Owners and operators shall conduct tightness tests that determine whether a leak exists in any portion of the PST system, including the tank, the attached delivery piping, and any connected tanks and piping. All such portions shall be tested either separately or together or in combinations thereof, as required by the Department. (7-1-93)

**i.** Owners and operators shall repair, replace or upgrade the PST system in accordance with applicable federal, state and local laws, and begin corrective action in accordance with Section 852 if the test results for the system, tank, or delivery piping indicate that a leak exists. (7-1-93)

**ii.** Further investigation is not required if the test results for the system, tank, and delivery piping do not indicate that a leak exists and if environmental contamination is not the basis for suspecting a release. (7-1-93)

**iii.** Owners and operators shall conduct a site check as described in Subsection 851.03.b. if the test results for the system, tank, and delivery piping do not indicate that a leak exists but environmental contamination is the basis for suspecting a release. (7-1-93)

**b.** Owners and operators shall measure for the presence of a release where contamination is most likely to be present. In selecting sample types, sample locations, and measurement methods, owners and operators shall consider the nature of the petroleum, the type of initial alarm or cause for suspicion, the type of backfill, the depth of ground water, and other factors appropriate for identifying the presence and source of the release. Methods of sample collection and sample analysis are subject to Department approval. (7-1-93)

**i.** If release has occurred, owners and operators shall begin corrective action in accordance with Section 852. (7-1-93)

**ii.** If test results for the PST system do not indicate that a release has occurred, further investigation is not required. (7-1-93)

**04. Reporting and Cleanup of Above Ground Spills and Overfills.** Owners and operators shall contain and immediately clean up an above ground spill or overflow of petroleum only after identifying and mitigating any fire, explosion and vapor hazards. (7-1-93)

**a.** An above ground spill or overflow of petroleum that results in a release that exceeds twenty-five (25) gallons or that causes a sheen on nearby surface water shall be reported to the Department within twenty-four (24) hours and owners and operators shall begin corrective action in accordance with Section 852. (7-1-93)

b. An above ground spill or overflow of petroleum that results in a release that is less than twenty-five (25) gallons and does not cause a sheen on nearby surface water shall be reported to the Department only if cleanup cannot be accomplished within twenty-four (24) hours. (7-1-93)

**852. PETROLEUM RELEASE RESPONSE AND CORRECTIVE ACTION.**

**01. Release Response.** Upon confirmation of a petroleum release in accordance with Section 851 or after a release from the PST system is identified in any other manner, owners and operators shall perform the following initial response actions within twenty-four (24) hours: (7-1-93)

- a. Identify and mitigate fire, explosion and vapor hazards; (7-1-93)
- b. Take immediate action to prevent any further release of petroleum into the environment; and (7-1-93)
- c. Report the release to the Department. (7-1-93)

**02. Initial Abatement Measures.** Unless directed to do otherwise by the Department, owners and operators shall perform the following abatement measures: (7-1-93)

- a. Remove as much of the petroleum from the leaking PST system as is necessary to prevent further release to the environment; (7-1-93)
- b. Visually inspect any above ground releases or exposed below ground releases and prevent further migration of the released substance into surrounding soils, surface water and ground water; (7-1-93)
- c. Continue to monitor and mitigate any additional fire and safety hazards posed by vapors or free product that have migrated from the PST site and entered into subsurface structures such as sewers or basements; (7-1-93)
- d. Remedy hazards posed by contaminated soils that are excavated or exposed as a result of release confirmation, site investigation, abatement, or corrective action activities. If these remedies include treatment or disposal of soils, the owner and operator shall comply with applicable state and local requirements. (7-1-93)

**03. Initial Site Characterization.** Unless directed to do otherwise by the Department, owners and operators shall assemble information about the site and the nature of the release, including information gained while confirming the release or completing the initial abatement measures in Subsection 852.02. This information shall include, but is not necessarily limited to the following: (7-1-93)

- a. Data on the nature and estimated quantity of release; (7-1-93)
- b. Data from available sources and/or site investigations concerning the following factors: surrounding populations, water quality, use and approximate location of wells potentially affected by the release, subsurface soil condition, locations of subsurface sewers, climatological conditions and land use; and (7-1-93)
- c. Data from measurements that assess the site for the presence of petroleum contamination including: (7-1-93)
  - i. Measurements for the presence of a release where contamination is most likely to be present, unless the presence and source of the release have been confirmed in accordance with the site check required by Subsection 851.03.b. or the closure site assessments required by applicable federal, state, or local laws. Sample types, sample locations and analytical methods are subject to Department approval and shall be based on consideration of the nature of the petroleum, the type of backfill, depth to ground water and other factors appropriate for identifying the presence and source of the release; and (7-1-93)
  - ii. Measurements to determine the presence of free product. (7-1-93)

**d.** Within forty-five (45) days of release confirmation, or another time specified by the Department, owners and operators shall submit the information collected in compliance with Subsection 852.03 to the Department in a manner that demonstrates its applicability and technical adequacy to be reviewed as follows: (7-1-93)

**i.** If the Department determines that the information shows that no further corrective action is required, owners and operators shall be notified accordingly. (7-1-93)

**ii.** If the Department determines that the information shows petroleum contamination is limited to soils, owners and operators shall treat or dispose of contaminated soils in accordance with Department guidelines, and need not perform any further corrective action. (7-1-93)

**iii.** If the Department determines that the information shows that any of the conditions in Subsections 852.05.a. through 852.05.c. exist, owners and operators shall comply with the requirements in Subsections 852.04 through 852.07. (7-1-93)

**04. Free Product Removal.** At sites where investigations under Subsection 852.03.c.ii. indicate the presence of free product, owners and operators shall remove free product to the maximum extent practicable as determined by the Department while continuing, as necessary, any actions initiated under Subsections 852.01 through 852.03 or preparing for actions required under Subsections 852.05 and 852.06. In meeting the requirements of Subsection 852.04, owners and operators shall: (7-1-93)

**a.** Conduct free product removal in a manner that minimizes the spread of contamination into previously uncontaminated areas by using recovery and disposal techniques appropriate to the hydrogeologic conditions at the site, and that properly treats, discharges or disposes of recovery by-products in compliance with applicable local, state and federal regulations; (7-1-93)

**b.** Use abatement of free product migration as a minimum objective for the design of the free product removal system; (7-1-93)

**c.** Handle any flammable products in a safe and competent manner to prevent fires or explosions; and (7-1-93)

**d.** Unless directed to do otherwise by the Department, prepare and submit to the Department for review and approval, within forty-five (45) days after confirming a release, a free product removal report that provides at least the following information: (7-1-93)

**i.** The name of the person(s) responsible for implementing the free product removal measures; (7-1-93)

**ii.** The estimated quantity, type and thickness of free product observed or measured in wells, boreholes, and excavations; (7-1-93)

**iii.** The type of free product recovery system used; (7-1-93)

**iv.** Whether any discharge will take place on-site or off-site during the recovery operation and where this discharge will be located; (7-1-93)

**v.** The type of treatment applied to, and the effluent quality expected from, any discharge; (7-1-93)

**vi.** The steps that have been or are being taken to obtain necessary permits for any discharge; and (7-1-93)

**vii.** The disposition of the recovered free product. (7-1-93)

**05. Investigations for Soil and Water Cleanup.** If any of the conditions in Subsections 852.05.a. through 852.05.c. exist, and unless directed to do otherwise by the Department, owners and operators shall notify the

Department and conduct investigations in accordance with Subsection 852.05.d. of the release, the release site, and the surrounding area possibly affected by the release in order to determine the full extent and location of soils contaminated by the petroleum release and the presence and concentrations of dissolved product contamination in the ground water or surface water: (7-1-93)

**a.** There is evidence that ground water or surface water has been affected by the release such as found during release confirmation or previous corrective action measures; (7-1-93)

**b.** Free product is found to need recovery in compliance with Subsection 852.04; (7-1-93)

**c.** There is evidence that contaminated soils may affect nearby ground water, surface water or the public health and have not been treated or disposed of in accordance with Subsection 852.03.d.ii. (7-1-93)

**d.** Unless determined otherwise by the Department, investigations conducted under this Subsection, 852.05, shall include, but are not necessarily limited to the following: (7-1-93)

i. The physical and chemical characteristics of the petroleum product including its toxicity, persistence, and potential for migration; (7-1-93)

ii. The type and age of the PST system, inventory loss, and type of containment failure; (7-1-93)

iii. The hydrogeologic characteristics of the release site and the surrounding area; (7-1-93)

iv. The background concentrations of contaminants in soil, surface water and ground water; (7-1-93)

v. A site drawing, showing boring and monitoring well locations, nearby structures, under ground utilities, drainage ditches, streams, suspected locations of leakage, direction of ground water flow, and any domestic or irrigation wells within a one-fourth (1/4) mile radius of the site; (7-1-93)

vi. Information on ownership and use of any well identified pursuant to Subsection 852.05.d.v.; (7-1-93)

vii. Site borings and well logs and rationale for choosing drilling locations, and a description of methods and equipment used for all water and soil sampling; (7-1-93)

viii. A description of contaminant stratigraphy with accompanying geologic cross-section drawings; (7-1-93)

ix. A demonstration and description of the horizontal and vertical extent of contamination, free product thickness, modes and rate of contaminant transport, and concentrations of dissolved constituents in surface water and ground water; (7-1-93)

x. The potential effects of residual contamination on nearby surface water and ground water; and (7-1-93)

xi. A discussion of laboratory analytical methods and information pertaining to laboratory certification. (7-1-93)

**e.** Owners and operators shall submit the information collected in investigating the release site in compliance with Subsection 852.05 for the Department's review and approval in accordance with a schedule established by the Department as provided in Subsection 852.07. (7-1-93)

**06. Corrective Action Plan.** At any point after reviewing the information submitted in compliance with Subsections 852.01 through 852.05, the Department may require owners and operators to submit additional information or to develop and submit a corrective action plan for responding to contaminated soils, surface water and ground water. If a plan is required, owners and operators shall submit the plan according to a schedule and criteria established by the Department as provided in Subsection 852.07. Alternatively, owners and operators may, after

fulfilling the requirements of Subsections 852.01 through 852.05, choose to submit a corrective action plan for responding to contaminated soil, surface water and ground water. In either case, owners and operators are responsible for submitting a plan that provides for adequate protection of human health and the environment as determined by the Department, and shall modify their plan as necessary to meet the Department's standards. (7-1-93)

**a.** The Department will approve the corrective action plan only after ensuring that implementation of the plan will adequately protect human health and the environment. In making this determination, the Department should consider the following factors as appropriate: (7-1-93)

i. The maximum contaminant levels for drinking water or other health-based levels for water and soil which consider the potential exposure pathway of the petroleum product; (3-18-94)

ii. The physical and chemical characteristics of the petroleum product including its toxicity, persistence, and potential for migration; (7-1-93)

iii. The hydrogeologic characteristics of the release site and the surrounding area; (7-1-93)

iv. The proximity, quality, and current and future uses of nearby surface water and ground water; (7-1-93)

v. The potential effects of residual contamination on nearby surface water and ground water; and (7-1-93)

vi. Other information assembled in compliance with Section 851. (7-1-93)

**b.** Upon approval of the corrective action plan or as directed by the Department, owners and operators shall implement the plan including modification to the plan made by the Department. Owners and operators shall monitor, evaluate, and report the results of implementing the plan in accordance with a schedule and criteria established by the Department as provided in Subsection 852.07. (7-1-93)

**c.** Owners and operators may, in the interest of minimizing environmental contamination and promoting more effective cleanup, begin cleanup of soil, surface water, and ground water before the corrective action plan is approved provided that they: (7-1-93)

i. Notify the Department of their intention to begin cleanup; (7-1-93)

ii. Comply with any conditions imposed by the Department, including halting cleanup or mitigating adverse consequences from cleanup activities; and (7-1-93)

iii. Incorporate these self-initiated cleanup measures in the corrective action plan that is submitted to the Department for approval. (7-1-93)

**07. Compliance.** If the Department determines that any of the conditions in 852.05.a. through 852.05.c. exist, owners and operators shall be given an opportunity to enter into a consent order with the Department. (7-1-93)

**a.** The Department shall send owners and operators a consent order that sets forth at least the following: (7-1-93)

i. A schedule for owners and operators to submit the information collected in investigating the release site in compliance with Subsection 852.05. (7-1-93)

ii. A schedule for owners and operators to submit, and a criteria for, a corrective action plan in compliance with Subsection 852.06. (7-1-93)

iii. A schedule for the Department to review, modify, and approve the site release investigation and corrective action plan. (7-1-93)



iv. A schedule and criteria for owners and operators to implement a corrective action plan, and monitor, evaluate, and report the results of implementing the corrective action plan. (7-1-93)

b. Owners and operators shall be given thirty (30) days from receipt of the consent order in which to reach an agreement with the Department regarding the terms of the consent order. (7-1-93)

c. If owners and operators cannot reach an agreement with the Department within thirty (30) days, the Department shall establish a schedule and criteria with which owners and operators shall comply in order to meet the requirements of Subsections 852.05 and 852.06. (7-1-93)

**853. -- 999. (RESERVED)**

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