

WSR 09-06-001
PERMANENT RULES
PIERCE COLLEGE

[Filed February 18, 2009, 1:37 p.m., effective March 21, 2009]

Effective Date of Rule: Thirty-one days after filing.

Purpose: Adopt chapter 132K-126 WAC, Pierce College student rights and responsibilities/student code of conduct policy.

Statutory Authority for Adoption: RCW 28B.50.140 (13).

Adopted under notice filed as WSR 09-01-180 on December 23, 2008.

Number of Sections Adopted in Order to Comply with Federal Statute: New 0, Amended 0, Repealed 0; Federal Rules or Standards: New 0, Amended 0, Repealed 0; or Recently Enacted State Statutes: New 0, Amended 0, Repealed 0.

Number of Sections Adopted at Request of a Nongovernmental Entity: New 0, Amended 0, Repealed 0.

Number of Sections Adopted on the Agency's Own Initiative: New X [32], Amended 0, Repealed 0.

Number of Sections Adopted in Order to Clarify, Streamline, or Reform Agency Procedures: New X [32], Amended 0, Repealed 0.

Number of Sections Adopted Using Negotiated Rule Making: New 0, Amended 0, Repealed 0; Pilot Rule Making: New 0, Amended 0, Repealed 0; or Other Alternative Rule Making: New 0, Amended 0, Repealed 0.

Date Adopted: February 18, 2009.

Michele Johnson, Ph.D.
Chancellor

Chapter 132K-126 WAC

STUDENT RIGHTS AND RESPONSIBILITIES AND STUDENT CODE OF CONDUCT

INTRODUCTION

NEW SECTION

WAC 132K-126-010 Title. This chapter shall be known as the Student Code of Community College District No. 11.

NEW SECTION

WAC 132K-126-020 Preamble. Pierce College is a two-year public institution of higher education and is committed to providing a quality, comprehensive student-centered education, committed to lifelong learning, diversity, and educational opportunities to the communities we serve.

Students are encouraged through free inquiry and free expression to develop their capacity for critical judgment and to engage in a sustained and independent search for knowledge. The freedom to learn depends upon appropriate opportunities and conditions in the classroom, on the campus, and in the larger community. Students should exercise their freedom with responsibility.

The student is in the unique position of being a member of the community at large, having the rights and responsibilities of any citizen, and of being a member of the college community. Admission to Pierce College carries with it the expectation that students shall conduct themselves as responsible members of the Pierce College community; that they shall observe the standards of conduct, respect the rights, privileges and property of other members of the academic community, shall maintain a high standard of integrity and honesty; and shall not interfere with legitimate college business appropriate to the pursuit of academic goals.

The student's success is dependent on the district fostering a positive district-wide climate that supports learning, communication, recognition and collaboration among a diverse faculty, staff and student body.

As an agency of the state of Washington, Pierce College must respect and adhere to all laws established by local, state and federal authorities. Pierce College also has developed a set of rules and regulations to ensure the orderly conduct of the affairs of the district. These rules and regulations, if violated, may result in student discipline in accordance with the procedures established in the student code of conduct.

NEW SECTION

WAC 132K-126-030 Procedural standards in disciplinary proceedings. (1) In assisting students to develop responsible behavior, the student code of conduct has been developed to play a complementary role to counseling, guidance, and other forms of student development action. Pierce College has a duty and the corollary disciplinary powers to protect its educational endeavors through the setting of standards of scholarship and conduct for its students and through the regulations of the use of its facilities.

(2) If any of these rules or regulations are broken, discipline shall be administered so as to guarantee procedural fairness to an accused student. The regular disciplinary procedures, rules of conduct, including the student's right to appeal a decision shall be clearly formulated and communicated. Disciplinary procedures may vary in formality with the gravity of the offense and the sanctions that may be applied. Some student code of conduct violations may be adjudicated informally under prescribed procedures.

(3) Pierce College shall adhere to procedural fairness by requiring that in all situations the student receive, in advance, the nature of the charges against him or her, an opportunity for a hearing including the right to hear evidence against them and question adverse witnesses (counsel may not question witnesses), and substantial evidence to support the determination.

DEFINITIONS

NEW SECTION

WAC 132K-126-040 Definitions. As used in this chapter, the following words and phrases shall be defined as follows:

(1) **Academic dishonesty** means plagiarism, misrepresentation of self or student work product or representation of

work of others as your own, or other acts of academic dishonesty.

(2) **Alcoholic beverages** means beer, wine or hard liquor as defined in RCW 66.04.010(15) as now law or hereafter amended.

(3) **Arbitrary and capricious** refers to willful or unreasonable action, taken without consideration of, or in disregard of, fact or circumstances of a particular case. Where there is room for two reasonable opinions, an action shall not be deemed to be arbitrary or capricious when taken honestly and upon due considerations, however much it may be believed that an erroneous conclusion has been reached.

(4) **Assembly** means any overt activity engaged in by two or more persons, the object of which is to gain publicity, advocate a view, petition for a cause, or disseminate information.

(5) **ASPCFS** means the associated students of Pierce College - Fort Steilacoom as defined in the constitution of that body.

(6) **ASPCP** means the associated students of Pierce College - Puyallup as defined in the constitution of that body.

(7) **Board** means the board of trustees of Community College District No. 11, state of Washington.

(8) **Chancellor** means the duly appointed chief executive officer of the district, holding all express or implied authority to carry out the administration and operation of Community College District No. 11.

(9) **Cheating** includes, but is not limited to:

(a) Use of any unauthorized assistance in taking quizzes, tests, or examinations; writing papers, preparing reports, solving problems, or carrying out other assignments; or

(b) The acquisition, without permission, of tests or other academic material belonging to a member of Pierce College faculty or staff;

(c) Allowing one person to represent another person as the enrolled student in any course;

(d) Representing oneself as another person in any course.

(10) **College** includes all land, buildings, facilities, and other property in the possession of, or owned, rented, leased, operated, used on behalf of, or controlled by the college.

(11) **College disciplinary committees** means the judicial bodies provided in this chapter.

(12) **College facilities and infrastructure** means and includes any and all personal property, real property, or electronic networked systems owned, rented, leased, or operated by or used on behalf of the college or associated students and the board of trustees of Community College District No. 11.

(13) **College official** includes any person employed by Pierce College District No. 11 performing assigned administrative or professional responsibilities.

(14) **Controlled substance** includes any illegal drug or substance as defined in chapter 69.50 RCW as now law or hereafter amended.

(15) **Disciplinary sanction** means that action taken as a consequence to any violation of the student code of conduct as provided in this chapter.

(16) **Faculty** means any person hired by Pierce College to conduct one or a combination of instruction, counseling, or library services.

(17) **Hate crimes** shall mean a criminal offense committed against a person or property, which is motivated, in whole or in part, by the offender's bias against the victim's actual or perceived race, ethnicity, religion, sexual orientation, disability or gender.

(18) **Hazing** means any method of initiation into a student organization or living group or any pastime or amusement engaged in with respect to such an organization or living group that causes, or is likely to cause bodily danger or physical harm or serious mental or emotional harm to any student or other person attending any institution of higher education or post secondary institution. Excluded from this definition are "customary athletic events or other similar contests or competitions."

(19) **Judicial advisor** means a Pierce College official authorized by the vice-president of learning and student success to investigate complaints of alleged conduct violations, determine validity of the complaint, and impose disciplinary sanctions.

(20) **Judicial body** means the Pierce College disciplinary review committee which is authorized to adjudicate the formal hearing of appeals to disciplinary action imposed by the judicial advisor and determine whether a student has violated the student code of conduct and to recommend imposition of sanctions.

(21) **May** is used in the permissive sense.

(22) **Member of Pierce College community** includes any person who is a student, faculty member, staff member, Pierce College official, trustee, guest on a college owned or controlled facility or any other person employed by Pierce College. A person's status in a particular situation shall be determined by the vice-president of learning and student success or vice-president of human resources.

(23) **Organization** means any number of persons who have complied with the formal requirements for college or student government recognition of clubs or organizations.

(24) **Plagiarism** includes, but is not limited to, the use, by paraphrase or direct quotation, of the published or unpublished work of another person without full and clear acknowledgment of the source, to include print or electronic means, using recognized and acceptable citation. It also includes the unacknowledged use of materials prepared by another person or agency engaged in the selling of term papers or other academic materials.

(25) **Policy** is defined as the official, written regulations of Pierce College as found in, but not limited to, the student code of conduct, the *Student Handbook*, class schedules/bulletins, college catalogs, or the Pierce College web site.

(26) **President** means the duly appointed chief executive officer of Pierce College - Fort Steilacoom and Pierce College - Puyallup.

(27) **Rules and regulations of conduct** means those rules contained within this chapter as now exist or which may be hereafter amended, the violation of which subjects a student to disciplinary sanction.

(28) **Shall** is used in the imperative sense.

(29) **Student** includes all persons enrolled in courses offered by Pierce College, both full time and part time. Persons who are not officially enrolled for a particular term, but

who have a continuing academic relationship with Pierce College are considered "students."

(30) **Trespass** means the definition of trespass as contained in chapter 9A.52 RCW as now law or hereafter amended.

(31) **Vice-president of learning and student success** means the administrator responsible for instruction and student services and designated by the college president to be responsible for the administration of this chapter.

JURISDICTION

NEW SECTION

WAC 132K-126-050 Jurisdiction of the college. (1) Scope. The code shall apply to every student whenever the student is present upon or in any college premises, and whenever the student is present at or engaged in any college sponsored offering, event or activity held in noncollege facilities, to include distance learning options. It shall also apply to students who are engaged in official college training and/or activities including places of training internships, cooperative education, practicums or supervised work experiences, trips, conferences, and retreats.

(2) Remedies not exclusive. The remedies provided for in this code are not exclusive. Seeking or obtaining any remedies under this code is not intended to bar the college, the complainant, or any other person or entity from seeking or obtaining such other remedies as may be available under other college policies, or in any other forum under applicable civil or criminal law.

STUDENT RIGHTS

NEW SECTION

WAC 132K-126-060 Student rights. The college endorses the following rights for each student within the limitations of statutory law and college policy, which are deemed necessary to achieve the educational goals of the college.

NEW SECTION

WAC 132K-126-070 Freedom of access to higher education. Pierce College is an open-door institution that, within the limits of its facilities and subject to the prevailing admissions policy, is open to all students. The facilities and services of the college are open to all of its enrolled students. Provisions allow that the vice-president of learning and student success may deny admission to a prospective student, or continued attendance to an enrolled student, if it reasonably appears that the student would not be competent to profit from the curriculum offerings of the college, or would, by the student's presence or conduct, create a disruptive atmosphere within the college or a substantial risk of actual harm to a member of the campus community.

NEW SECTION

WAC 132K-126-080 Academic freedom. (1) Students are guaranteed the rights of free inquiry, expression, and assembly upon and within college facilities that are generally open and available to the public.

(2) Students are free to pursue appropriate educational objectives from among the college's curricula, programs and services, subject to the provisions of this chapter and statutory limitations of RCW 28B.50.090.

(3) Students shall be protected against prejudice or arbitrary and capricious academic evaluation. At the same time, they are responsible for maintaining the standards of academic performance established by each of their instructors.

(4) Students have the right to a learning environment which is free from unlawful discrimination, inappropriate and disrespectful conduct, and any and all harassment, including sexual harassment.

(5) Students are protected against improper disclosure of information about their views, beliefs, and political associations that instructors acquire in the course of their work as instructors, advisers, and counselors. Such information is considered confidential. Students have the right to privacy of all student records according to the Family Education Rights and Privacy Act of 1974.

NEW SECTION

WAC 132K-126-090 Freedom of expression. Students and student organizations are free to examine and to discuss all questions of interest to them, and to express opinions publicly and privately. They are free to support causes by orderly means that do not disrupt the regular and essential operation of the institution. It should be made clear to the campus community and the larger community that in their public expressions or demonstrations, students or student organizations speak only for themselves.

NEW SECTION

WAC 132K-126-100 Freedom of assembly. The college reserves the right to prescribe time, place, and manner restrictions on assembly and protests. Identified forums and locations shall be considered to be consistent with public/private forum practice.

(1) Students shall have the right of "assembly" as defined in WAC 132K-126-040 upon college facilities that are generally available to the public provided that such assembly shall:

- (a) Be conducted in an orderly manner;
- (b) Not unreasonably interfere with vehicular or pedestrian traffic;
- (c) Not unreasonably interfere with classes, schedules, meetings, or ceremonies, or with educational and administrative functions of the college;
- (d) Not unreasonably interfere with the regular activities of the college; and
- (e) Not cause damage or destruction to college property or private property on college facilities.

(2) A student or student organization that conducts or participates in an assembly violation of any provision of this code shall be subject to disciplinary action.

(3) Nonstudents who participate in or aid or abet any assembly or assemblies in violation of this section shall be subject to possible prosecution under the state criminal trespass law and/or any other possible civil or criminal remedies available to the college.

(4) Assemblies which violate these rules may be ordered to disperse by the college in accordance with Washington state statutes.

NEW SECTION

WAC 132K-126-110 Freedom of association. (1) Students are free to organize and join associations to promote any legal purpose, whether it is religious, cultural, political, educational, recreational, or social. Student organizations must be granted a charter by the ASPCP or ASPCFS before they may be officially recognized. Procedures for becoming chartered are located in the student programs office.

(2) Campus organizations, including those affiliated with an intramural or extramural organization, are open to all students. Affiliation with an intramural or extramural organization does not itself disqualify a student organization from institutional recognition provided that other conditions for charter issuance have been met.

NEW SECTION

WAC 132K-126-120 Distribution and posting. Students may distribute or post material subject to official procedures printed and available in the office of student programs. The college may restrict distribution of any publications, where such distribution unreasonably interferes with college operations. Any person desiring to distribute such publications shall first register with the respective office of student programs so that reasonable areas and times can be assured and the activities of the institution shall not be unduly interfered with. All handbills, leaflets, newspapers, and similarly related matter must bear identification as to the publishing agency and distributing organization and individual.

NEW SECTION

WAC 132K-126-130 Off-campus speaker policy. (1) Student organizations officially recognized by the college shall have the right to invite outside speakers to speak on campus subject to the availability of campus facilities, funding, and in compliance with college procedures available in the respective office of student programs. Speakers are subject to the legal restraints imposed by the laws of the United States and the state of Washington.

(2) The appearance of an invited speaker on college facilities does not represent an endorsement, either implicitly or explicitly, or views or opinions of the speaker by the college, its students, its faculty, its college personnel, its administration, or its board.

NEW SECTION

WAC 132K-126-140 Incidental sales. Students have the right to engage in incidental sales of personal property in

a private transaction, provided college facilities are not explicitly used for this purpose.

NEW SECTION

WAC 132K-126-150 Commercial activities. (1) College facilities shall not be used for commercial solicitation, advertising, or promotional activities except when such activities clearly serve Community College District No. 11 educational objectives, including but not limited to display of books of interest to the academic community or the display or demonstration of technical or research equipment, and when such commercial activities relate to educational objectives and are conducted under the sponsorship or the request of a college department or the office of student programs of the college, provided that such solicitation does not interfere with or operate to the detriment of the conduct of college affairs or the free flow of pedestrian or vehicular traffic.

(2) For the purpose of this regulation, the term "commercial activities" does not include handbills, leaflets, newspapers, and similarly related materials as regulated in WAC 132K-126-120.

(3) Credit card companies and associated products shall be prohibited from campus.

NEW SECTION

WAC 132K-126-160 Student participation in college governance. As members of the college community, students shall be free, individually and collectively, to express their views on college policy, and on matters of general interest to the student body. The associated students' constitutions and the college's administrative procedures provide clearly defined means to participate in the formulation and application of institutional policy affecting academic and student affairs.

NEW SECTION

WAC 132K-126-170 Due process. Students have the right to due process. No disciplinary action shall be imposed without notice to the accused of the nature of the charges. Notice may be given by a judicial advisor verbally and in writing within ten days of a charge being submitted against a student to include the alleged violations of the code and the opportunity for advanced inspection of any affidavits or exhibits the college intends to submit at the hearing. A student accused of violating the code of conduct is entitled to procedural due process as set forth in this chapter.

STUDENT RESPONSIBILITIES

NEW SECTION

WAC 132K-126-180 Student responsibilities. Students who choose to attend Pierce College also choose to actively participate in the learning process offered by the college. The college is responsible for providing an educational environment rich in the high quality resources needed by students to attain their educational goals. In return, the college

has the expectation that each student shall assume responsibility for the following:

- (1) Become knowledgeable of and adhere to policies, practices, procedures and rules of the college and its departments;
- (2) Practice personal and academic integrity;
- (3) Respect the dignity, rights and property of all persons;
- (4) Strive to learn from differences in people, ideas and opinions;
- (5) Participate actively in the learning process, in and out of the classroom;
- (6) Refrain from and discourage behaviors which undermine the respect all Pierce College community members deserve;
- (7) Abide by the standards set forth in the student rights and responsibilities/code of conduct policy.

STUDENT CODE OF CONDUCT

NEW SECTION

WAC 132K-126-190 Rules and regulations. Any student found to have committed, aided, or abetted others to commit any of the following violations is subject to the disciplinary actions outlined in this chapter:

(1) **Acts of dishonesty**, including, but not limited to, the following:

- (a) Cheating, plagiarism, or other forms of academic dishonesty;
- (b) Furnishing false information to any Pierce College official, faculty member, staff department;
- (c) Forgery, alteration, or misuse of a Pierce College document, record, fund or instrument of identification;
- (d) Tampering with the election of any Pierce College recognized student organization;
- (e) Assuming the identity of another student;
- (f) Allowing another student to assume your identity.

(2) **Assault, reckless endangerment, intimidation**, physical abuse, harassment, coercion and/or other conduct which threatens or endangers the health and safety of any person.

(3) **Disorderly, lewd, indecent, or other behavior** which breaches the peace, interferes with the rights of others or which obstructs or disrupts teaching, research, administrative functions, or other college-authorized activities and otherwise interferes with the learning environment.

(4) **Failure to follow the reasonable instructions** of faculty members, staff member, Pierce College official thereby infringing upon the rights and privileges of other members of the college community.

(5) **Falsely setting off or otherwise tampering with** any emergency safety equipment, alarm, or other device established for the safety of individuals and/or the college.

(6) **Engaging in hate incidents and/or hate crimes** to include conduct, speech, other expressions and actions motivated by bias against a victim based on his or her actual or perceived race, ethnicity, national origin, religion, gender, age, sexual orientation or disability. Examples of behaviors

that may constitute a hate incident or crime include, but are not limited to:

- (a) Threatening phone calls or text messages;
- (b) Hate mail to include all forms of electronic messages;
- (c) Physical assault;
- (d) Threats of harm or violence;
- (e) Arson;
- (f) Vandalism;
- (g) Cross burning;
- (h) Bombing and bomb threats.

(7) **Attempted or actual theft** of, and/or damage to property of the college or property of a member of the college community or other personal or public property.

(8) **Possession or unauthorized use of college equipment** and supplies including, but not limited to, converting college equipment or supplies for personal gain or use without proper authority.

(9) **Intentionally gaining access, without authorization, to a computer system** or electronic data owned or used by the Washington state Community College District No. 11 shall be subject both to disciplinary action pursuant to this chapter and to criminal prosecution pursuant to RCW 9A.52.110 through 9A.52.130, and any or all other statutory laws or regulations pertaining thereto.

(10) **Entering any administrative or other employee office** or any locked or otherwise closed college facility in any manner, at any time, without authority or permission of the college employee or agent in charge.

(11) **Smoking in college vehicles or on college premises** outside of designated smoking areas.

(12) **Use, possession or distribution or being under the influence of alcoholic beverages**, except as expressly permitted by law and college regulations.

(13) **Use, possession, distribution, or being demonstrably under the influence of narcotics** or other controlled substances, except as expressly permitted by law.

(14) **Possession or use (to include exhibiting, displaying or drawing any weapon) of firearms**, explosives, other weapons or dangerous chemicals or any other device or substance which can be used to inflict bodily harm on college premises or at college-sponsored or supervised activities, except for authorized college purposes or for law enforcement officers.

(15) **Failure to comply with the directions of Pierce College officials** or law enforcement officers acting in performance of their duties, and/or failure to identify oneself to these persons when requested to do so.

(16) **Refusal to provide positive identification** (e.g., valid driver's license or state identification card) in appropriate circumstances to any college employee in the lawful discharge of that employee's duties.

(17) **Participating in a campus demonstration** or other activity which disrupts the normal operations of the college and infringes on the rights of other members of the college community; leading or inciting others to disrupt scheduled and/or normal activities within any campus building or area; intentional obstruction which unreasonably interferes with freedom of movement, either pedestrian or vehicular, on campus or at college-sponsored activities.

(18) **Intentionally and repeatedly following another person** to that person's home, school, place of employment, business, or any other location, or following the person while in transit between locations may be subject to disciplinary action if the person being followed is intimidated, harassed, or placed in fear that the stalker intends to injure the person or property of the person being followed, or another person. The feeling of fear, intimidation, or harassment must be one that a reasonable person in the same situation would experience under all the circumstances. RCW 9A.46.110 and 10.14.020 shall be guidance for this regulation.

(19) **Any act of misconduct, which substantially disrupts any college function** or renders it difficult or impossible to continue such a function in an orderly manner.

(20) **Abuse of the judicial system**, including, but not limited to:

(a) Failure to obey the summons of a judicial advisor or body or Pierce College official.

(b) Falsification, distortion, or misrepresentation of information before a judicial advisor or body.

(c) Disruption or interference with the orderly conduct of a judicial proceeding.

(d) Knowingly initiating a judicial proceeding without cause (i.e., filing a false report).

(e) Attempting to discourage an individual's proper participation in, or use of, the judicial system or to encourage sharing of false testimony or information.

(f) Attempting to improperly influence the impartiality of a member of a judicial body prior to and/or during the course of the judicial proceeding.

(g) Harassment (verbal or physical) and/or intimidation of a member of the judicial advisor or judicial body prior to, during, and/or after a judicial proceeding.

(h) Failure to comply with the sanction(s) imposed under the code of conduct.

(i) Influencing or attempting to influence another person to abuse the judicial system.

(21) Violation of:

(a) Pierce College policies, rules or regulations; and/or

(b) Federal, state or local law on Pierce College facilities at Pierce College sponsored or supervised activities.

NEW SECTION

WAC 132K-126-200 Trespass. (1) The vice-president of learning and student success or his/her designee is authorized in the instance of any event deemed to be disruptive of order or deemed to impede the movement of persons or vehicles or which the vice-president of learning and student success deems to disrupt or threatens to disrupt the ingress and/or egress of persons from college facilities. The vice-president of learning and student success or such other person designated by the vice-president of learning and student success, shall have the authority and power to:

(a) Prohibit the entry of, or withdraw the license or privilege of a person or persons or any group of persons to enter onto or remain upon any portion of college property or of a college facility; or

(b) To give notice against trespass by any manner provided by law, to any person, persons, or group of persons

against whom the license or privilege has been withdrawn or who have been prohibited from, entering onto or remaining upon all or any portion of college property or a college facility; or

(c) To order any person, persons, or group of persons to leave or vacate all of any portion of college property or of a college facility.

(2) Any individual who shall disobey a lawful order given by the vice-president of learning and student success, or his or her designee, shall be subject to disciplinary action and/or charges of criminal trespass

NEW SECTION

WAC 132K-126-210 Hazing policy. (1) Hazing is prohibited.

(2) Penalties.

(a) Any organization, association or student living group that knowingly permits hazing shall:

(i) Be liable for harm caused to persons or property resulting from hazing; and

(ii) Be denied recognition by Pierce College as an official organization, association, or student living group on this campus. If the organization, association or student living group is a corporation, whether for profit or nonprofit, the individual directors of the corporation may be held individually liable for damages.

(b) A person who participates or conspires to participate in the hazing of another shall forfeit any entitlement to state-funded grants, scholarships, or awards for a period of not less than one quarter and up to permanent forfeiture.

(c) An act of hazing, in addition to violating this policy, may constitute a violation of the student code of conduct. WAC 132K-126-190(2) assault, reckless endangerment, etc. These offenses are subject to disciplinary action.

(d) Hazing violations are also misdemeanors punishable under state criminal law according to RCW 9A.20.021.

(3) Sanctions for impermissible conduct not amounting to hazing.

(a) Impermissible conduct associated with initiation into a student organization or living group or any pastime or amusement engaged in, with respect to the organization or living group, shall not be tolerated.

(b) Impermissible conduct which does not amount to hazing may include conduct which causes embarrassment, sleep deprivation or personal humiliation, or may include ridicule or unprotected speech amounting to verbal abuse.

(c) Impermissible conduct not amounting to hazing is subject to any sanction available under the student code of conduct, depending upon the seriousness of the violation.

JUDICIAL AUTHORITY

NEW SECTION

WAC 132K-126-220 Judicial authority. (1) Administration of this chapter is the responsibility of the vice-president of learning and student success.

(2) The college president shall be notified of any disciplinary action in which there is a recommendation that a student be suspended or expelled from the college.

(3) The instructor is responsible for conduct in the classroom and is authorized to take such steps as are reasonably necessary when behavior of the student interrupts the normal classroom procedure. When such behavior may be as serious as to result in summary suspension from the class, the instructor must report the infraction in writing to the vice-president of learning and student success within twenty-four hours of the infraction and the specific steps taken by the instructor.

(4) The student has the right to appeal any disciplinary action of an instructor to the vice-president of learning and student success in accordance with the procedures set forth in WAC 132K-126-270 through 132K-126-280.

NEW SECTION

WAC 132K-126-230 Violation of law and college discipline. (1) College disciplinary proceedings may be initiated against a student charged with violation of a law that is also a violation of the code of conduct. This would apply if both violations result from the same factual situation, without regard to pending civil litigation in court, or criminal arrest and prosecution. Proceedings under the code of conduct may be carried out prior to, simultaneously with, or following civil or criminal proceedings.

(2) When a student is charged by federal, state, or local authorities with a violation of law, the college may advise off-campus authorities of the existence of the code of conduct and of how such matters shall be handled internally within the college community. The college shall cooperate fully with law enforcement and other agencies in the enforcement of criminal law on campus and in the conditions imposed by criminal courts for the rehabilitation of student violators. Individual members of the Pierce College community acting in their personal capacities remain free to interact with government representatives as they deem appropriate.

PROCEEDINGS

NEW SECTION

WAC 132K-126-240 Initiation of disciplinary proceedings. (1) **Complaints.** Any member of the Pierce College community may file charges against any student for misconduct. Complaints shall be submitted as soon as reasonably possible, preferably within five academic days after the occurrence of the incident. Charges shall be prepared in writing and directed to the judicial advisor responsible for the administration of the Pierce College judicial system. Information and location of the judicial advisor is available in the vice-president of learning and student success office.

(2) **Notice to accused student.** When a complaint is filed against a student, the judicial advisor shall, within ten days, serve written notice on the accused student, including a statement of the charges, notice of the opportunity for advance inspection of any affidavits or exhibits the college intends to submit at the hearing, the right to bring counsel to the hearing to advise them (but not to question witnesses), and the opportunity to present their own version of the facts, by personal statements as well as affidavits and witnesses. The notice shall be sent to the student's last known address

shown on college records. Under specific conditions, the judicial advisor may determine it to be beneficial to the college and/or student to meet with a student immediately. In those circumstances, due process procedures shall follow.

(3) **Informal process.** The judicial advisor may, but not be required to, conduct an investigation to determine the merit of the complaint and if it can be disposed of informally by mutual consent of the parties involved. For adverse parties who agree to settle the complaint informally, the judicial advisor shall facilitate communication between the complainant(s) and the accused (respondent(s)). The judicial advisor shall determine the best means of conducting the informal process, the purpose of which is to reach an agreement that is mutually satisfactory to the parties, if possible. Interim sanctions may be imposed at any time during the informal process with good reason (see interim sanction section). If the matter cannot be resolved by mutual consent, a summary determination shall be initiated by the judicial advisor. The complainant and the respondent have the right to be assisted by any advisor they choose, at their own expense. The advisor may be an attorney, but advisors are not permitted to speak or participate directly in any hearing before a judicial body, except as permitted by the hearing chair. If the student chooses to be advised by a licensed attorney in the state of Washington, she/he must notify the judicial advisor at least five working days prior to the meeting or conference.

(4) **Summary proceedings.**

(a) **Disposition.** After considering the evidence in the case and interviewing the respondent in a summary hearing (if the respondent has appeared at the scheduled conference), the judicial advisor may:

- (i) Terminate the proceeding exonerating the student(s);
- (ii) Dismiss the case after whatever counseling and advice the judicial advisor deems appropriate; or

(iii) Impose any of the sanctions listed in this code. A written statement of the judicial advisor's decision and findings of fact shall be issued within ten days and shall be served on both the respondent and the complainant. The statement shall indicate in that decision the review and appeals process.

(b) **Request for formal hearing.** After the judicial advisor's decision, the respondent and/or the complainant may request a formal hearing to challenge a decision reached, or a sanction imposed by the judicial advisor pursuant to the informal disciplinary hearing. Such requests shall be in writing and shall be delivered to the judicial advisor within ten days after the judicial advisor's decision. A time shall be set for a formal hearing not less than seven days or not more than fifteen calendar days after the request for a formal hearing. Notification shall be given if the hearing shall be conducted by telephone. Notification shall be given that the college shall provide an interpreter if required. Written notices shall be in student's primary language or where to get help in interpreting it. Finally, written notices shall include the following: Names of all parties to whom notice is sent; name and address of office representing the college; name, official title, mailing address, and telephone number of the presiding officer; time, place, and nature of the proceeding; statement of the authority and jurisdiction; reference to the statutes and rules involved; plan statement of the matters asserted by the college; and a statement that a party who fails to attend shall

default. If there is good reason and the complainant(s) and the respondent(s) agree, time limits for scheduling a hearing may be extended at the discretion of the judicial advisor.

(5) **Formal hearings.** Formal hearings shall be convened by the judicial advisor and conducted by a judicial body (disciplinary review committee) according to the following guidelines:

(a) Hearing shall be conducted in private. Hearings shall be chaired by the administrative representative of the college disciplinary committees.

(b) The complainant(s) and the respondent(s) shall be expected to attend the formal hearing. Admission of any person to the hearing shall be at the discretion of the committee chair.

(c) In hearings involving more than one accused student, the hearing chair, at his/her discretion, may permit separate hearings for each respondent.

(d) The complainant and the respondent have the right to be assisted by any advisor they choose, at their own expense. The advisor may be an attorney, but advisors are not permitted to speak or participate directly in any hearing before a judicial body, except as permitted by the hearing chair. If the student chooses to be advised by a licensed attorney in the state of Washington, she/he must notify the judicial advisor at least five working days prior to the hearing.

(e) The complainant, the respondent and the college disciplinary committee shall have the right of presenting witnesses and evidence, subject to the right of questioning by the committee, the complainant or the respondent. The hearing chair may limit the scope and number of questions to witnesses.

(f) Pertinent records, exhibits and written statements may be accepted for consideration as evidence prior to, or during, a hearing by the hearing committee at the discretion of the hearing chair.

(g) If at any time during the conduct of a hearing visitors disrupt the proceedings, the committee chair may exclude such persons from the hearing room.

(h) All procedural questions are subject to the final decision of the hearing chair.

(i) After the hearing, the hearing committee shall determine whether the student has violated the code of conduct as charged.

(j) The hearing committee's determination shall be made on the basis of whether it is more likely than not that the respondent violated the code of conduct.

(k) If the hearing committee determines that the student has violated the code of conduct, the body shall determine whether the sanction(s) imposed pursuant to the informal disciplinary conference were appropriate for the violation of the code of conduct that the student was found to have committed.

(l) The hearing committee may reduce or increase the sanctions imposed by the judicial advisor pursuant to the informal disciplinary conference.

(6) The hearing shall be recorded (shorthand, audio, video, stenographer). The record shall be the property of the college and shall be preserved until the decision is final (after the time for appeals has passed).

(7) Any party, at their own expense, may prepare a transcript from the college's record, or cause additional recordings to be made during the hearing if the making of the additional recording does not cause distraction or disruption.

SANCTIONS

NEW SECTION

WAC 132K-126-250 Sanctions. (1) Appropriate action taken shall be based on the facts of the investigation, and such action shall be consistent with policy and practice. The standard to determine a sanction is based upon a preponderance or clear and convincing determination that a violation occurred. The following sanctions may be imposed by the judicial advisor upon any student, group, or organization found to have violated the code of conduct by the judicial advisor or judicial body at any time during the informal process or formal hearings:

(a) **Warning**—A notice in writing to the student that the student has violated this code and that further violation may result in additional disciplinary proceedings and sanctions.

(b) **Probation**—A written reprimand placing conditions upon the student's continued attendance. Probation is for a designated period of time and includes the probability of more severe disciplinary sanctions if the student is found to be in further violation of the code of conduct. Notice shall be made in writing and shall specify the period of probation and the conditions, such as limiting the student's participating in extracurricular activities.

(c) **Loss of privileges**—Denial of specified privileges for a designated period of time.

(d) **Fines**—Fines may be imposed.

(e) **Restitution**—Compensation for loss, damage, or injury. This may take the form of appropriate service and/or monetary or material replacement.

(f) **Discretionary sanctions**—Work assignments, service to the college, or other related discretionary assignments.

(g) **Deactivation**—(Applies to student groups or organization.) Loss of all privileges including college recognition, for a specified period of time.

(h) **No contact orders**—An order of no contact may be placed on a student, complainant, or any involved parties if determined to be in the best interest of the college and/or student(s).

(i) **College suspension**—Separation of the student from the college for a definite period of time, after which the student is eligible to return. Conditions for readmission may be specified.

(j) **College expulsion**—Permanent separation of the student from the college. There shall be no refund of fees for the quarter in which the action is taken, but fees paid in advance for a subsequent quarter shall be refunded.

(2) More than one of the sanctions listed above may be imposed for any single violation.

(3) Disciplinary sanctions shall not be made part of the student's permanent academic record, but shall become part of the student's confidential record. Upon graduation and application to the judicial advisor, the student's confidential record may be expunged of disciplinary actions **other than**

college suspension or expulsion, consistent with the college's schedule of record disposition.

NEW SECTION

WAC 132K-126-260 Interim sanctions. In certain circumstances, the judicial advisor may impose any of the above sanctions pending a hearing before, or decision by the college disciplinary committee. Minimum action shall be taken that is deemed necessary to prevent immediate danger.

(1) Interim sanctions may be imposed only:

(a) To ensure the public health, safety, or welfare of members of the college community or the preservation of college property;

(b) To ensure the student's own physical or emotional safety and well-being; or

(c) If the student poses a threat of disruption to, or interference with, the educational process or other normal operations of the college.

(2) Notice of interim sanctions shall be made in writing and shall state:

(a) The charges against the student, including reference to the provisions of this code that were allegedly violated; findings of facts, conclusions of law, and policy reasons for the decision; and

(b) That the student charged has the right to an informal hearing before the judicial advisor to challenge the interim sanctions.

(3) If such a hearing is requested, it shall be held as soon as practical after the interim sanctions have been imposed. The judicial advisor shall decide whether there is probable cause to believe that continuation of the sanctions is necessary, and/or whether some other disciplinary action is appropriate.

(4) The judicial advisor may continue to enforce the interim sanctions if, following the informal hearing, he or she finds that there is probable cause to believe that interim sanctioning of that student is necessary for the safety of the student, of other students, or persons on college facilities, the educational process of the institution, or to restore order to the campus.

(5) The result of the informal hearing shall be given to the student in writing. Written statements shall include: Findings, conclusions, reasons and basis for material issues of fact, law or discretion, sanction(s), and procedures and time limits for appeal. If sanctions are continued, the written notice shall stipulate the duration of the sanctions and conditions under which they may be terminated.

STUDENT APPEAL

NEW SECTION

WAC 132K-126-270 Appeal. (1) Following a formal hearing, a decision reached by the college disciplinary committee may be appealed by the respondent or complainant to the vice-president for learning and student success within ten school days of the date of the written decision. Such appeals shall be in writing and shall be delivered to the judicial advisor. The notice of appeal is deemed delivered on the date it is

postmarked or the date it is hand-delivered to the office of the judicial advisor.

(2) Appeals shall be limited to review of the record of the formal hearing and supporting documents, except as required to explain the basis of new evidence, for any of the following:

(a) To determine whether the formal hearing was conducted fairly in light of the charges and evidence presented and in conformity with the prescribed procedures, giving the complaining party a reasonable opportunity to prepare and present evidence that the student code of conduct was violated, and giving the respondent a reasonable opportunity to prepare and to present a rebuttal to those allegations.

(b) To determine whether the decision reached regarding the respondent was based on substantial evidence; that is, whether the facts in the case were sufficient to establish the fact that a violation of the student code of conduct had occurred.

(c) To determine whether the sanction(s) imposed were appropriate for the violation committed.

(d) To consider new evidence, sufficient to alter a decision or other relevant facts not brought out in the formal hearing, because such evidence and/or facts were not known to the person appealing at the time of the original hearing.

(3) The vice-president of learning and student success reviews the entire record. The vice-president of learning and student success must afford each party the opportunity to present written argument. The vice-president of learning and student success may afford each party the opportunity to present oral argument.

(4) The vice-president of learning and student success may, upon review of the case, reduce or increase the sanctions imposed by the college disciplinary committee. The vice-president of learning and student success shall provide a written finding to each party to include findings, conclusions, reasons and basis for materials of fact, law, law or discretion, sanction, and appeal procedures.

(5) The vice-president's decision shall be final.

NEW SECTION

WAC 132K-126-280 Readmission after dismissal.

Any student dismissed from the college for disciplinary cases may be readmitted only on written petition to the office of the vice-president of learning and student success. Such petitions must indicate how specified conditions have been met and, if the term of the dismissal has not expired, any reasons which support a reconsideration of the matter. Because the president of the college participates in all disciplinary actions dismissing students from the college, decisions on such petitions of readmission must be reviewed and approved by the president before readmission is granted.

TECHNICAL PROVISIONS

NEW SECTION

WAC 132K-126-290 Interpretation and revision.

Code interpretation. Any question of interpretation regarding the student code of conduct shall be referred to the vice-president of learning and student success or his or her designee for final determination.

Code revision. The student code of conduct shall be reviewed at least every five years under the direction of the vice-president of learning and student success. Review shall include representation from the respective student government associations, faculty, staff, and Pierce College officials.

NEW SECTION

WAC 132K-126-300 Prior rules. The rules contained within this chapter supersede all former rules relating to student conduct.

NEW SECTION

WAC 132K-126-310 Severability. If any provision of this chapter or its application to any person or circumstance is held invalid, the remainder of the chapter or the application of the provision to other persons or circumstances is not affected.

NEW SECTION

WAC 132K-126-320 Effective date. WAC 132K-126-010 through 132K-126-310 shall take effect on, and shall apply to all rule-making actions and proceedings begun on or after that date.

Approved by Pierce College Board of Trustees

WSR 09-06-003

PERMANENT RULES

DEPARTMENT OF HEALTH

[Filed February 18, 2009, 3:50 p.m., effective March 21, 2009]

Effective Date of Rule: Thirty-one days after filing.

Purpose: The purpose of these rules is to better regulate sources of ionizing radiation, address two new federal rules, and correct minor grammatical errors in previously adopted rules. The rules incorporate the Nuclear Regulatory Commission's (NRC) expanded definition of by-product material and national source tracking system requirements. The rules affect radium 226, accelerator-produced materials, and discrete sources of naturally occurring radioactive material.

Citation of Existing Rules Affected by this Order: Amending 32.

Statutory Authority for Adoption: RCW 70.98.050 and 70.98.080.

Adopted under notice filed as WSR 08-21-099 on October 16, 2008.

Changes Other than Editing from Proposed to Adopted Version: Made clarifying corrections recommended by the U.S. NRC. In WAC 246-221-236, corrections made to the table for consistency with WAC 246-235-125. In WAC 246-233-020 added more detail to an existing requirement and corrected a reference number. In WAC 246-235-100 added a C.F.R. reference and included details.

Number of Sections Adopted in Order to Comply with Federal Statute: New 0, Amended 0, Repealed 0; **Federal Rules or Standards:** New 6, Amended 32, Repealed 0; or

Recently Enacted State Statutes: New 0, Amended 0, Repealed 0.

Number of Sections Adopted at Request of a Nongovernmental Entity: New 0, Amended 0, Repealed 0.

Number of Sections Adopted on the Agency's Own Initiative: New 0, Amended 0, Repealed 0.

Number of Sections Adopted in Order to Clarify, Streamline, or Reform Agency Procedures: New 0, Amended 0, Repealed 0.

Number of Sections Adopted Using Negotiated Rule Making: New 0, Amended 0, Repealed 0; **Pilot Rule Making:** New 0, Amended 0, Repealed 0; or **Other Alternative Rule Making:** New 6, Amended 32, Repealed 0.

Date Adopted: February 18, 2009.

Mary C. Selecky
Secretary

AMENDATORY SECTION (Amending WSR 06-05-019, filed 2/6/06, effective 3/9/06)

WAC 246-220-010 Definitions. As used in ~~((these regulations))~~ chapters 246-220 through 246-254 WAC, these terms have the definitions set forth below. Additional definitions used only in a certain ~~((part))~~ chapter will be found in that ~~((part))~~ chapter.

~~((1))~~ **"Absorbed dose"** means the energy imparted by ionizing radiation per unit mass of irradiated material. The units of absorbed dose are the gray (Gy) and the rad.

~~((2))~~ **"Accelerator produced material"** means any material made radioactive by exposing it in a particle accelerator.

~~((3))~~ **"Act"** means Nuclear energy and radiation, chapter 70.98 RCW.

~~((4))~~ **"Activity"** means the rate of disintegration or transformation or decay of radioactive material. The units of activity are the becquerel (Bq) and the curie (Ci).

~~((5))~~ **"Adult"** means an individual eighteen or more years of age.

~~((6))~~ **"Agreement state"** means any state with which the United States Nuclear Regulatory Commission has entered into an effective agreement under section 274 b. of the Atomic Energy Act of 1954, as amended (73 Stat. 689).

~~((7))~~ **"Airborne radioactive material"** means any radioactive material dispersed in the air in the form of particulates, dusts, fumes, mists, vapors, or gases.

~~((8))~~ **"Airborne radioactivity area"** means a room, enclosure, or operating area in which airborne radioactive material exists in concentrations (a) in excess of the derived air concentration (DAC) specified in WAC 246-221-290, Appendix A, or (b) to the degree that an individual present in the area without respiratory protective equipment could exceed, during the hours an individual is present in a week, an intake of 0.6 percent of the annual limit on intake (ALI) or twelve DAC-hours.

~~((9))~~ **"Air purifying respirator"** means a respirator with an air-purifying filter, cartridge, or canister that removes specific air contaminants by passing ambient air through the air-purifying element.

~~((10))~~ **"Alert"** means events may occur, are in progress, or have occurred that could lead to a release of

radioactive material but that the release is not expected to require a response by offsite response organizations to protect persons offsite.

((14)) **"Annual limit on intake"** (ALI) means the derived limit for the amount of radioactive material taken into the body of an adult worker by inhalation or ingestion in a year. ALI is the smaller value of intake of a given radionuclide in a year by the reference man that would result in a committed effective dose equivalent of 0.05 Sv (5 rem) or a committed dose equivalent of 0.5 Sv (50 rem) to any individual organ or tissue. ALI values for intake by ingestion and by inhalation of selected radionuclides are given in WAC 246-221-290.

((12)) **"Assigned protection factor"** (APF) means the expected workplace level of respiratory protection that would be provided by a properly functioning respirator or a class of respirators to properly fitted and trained users. Operationally, the inhaled concentration can be estimated by dividing the ambient airborne concentration by the APF.

((13)) **"Atmosphere-supplying respirator"** means a respirator that supplies the respirator user with breathing air from a source independent of the ambient atmosphere, and includes supplied-air respirators (SARs) and self-contained breathing apparatus (SCBA) units.

((14)) **"Background radiation"** means radiation from cosmic sources; naturally occurring radioactive materials, including radon, except as a decay product of source or special nuclear material, and including global fallout as it exists in the environment from the testing of nuclear explosive devices or from past nuclear accidents such as Chernobyl that contribute to background radiation and are not under the control of the licensee. "Background radiation" does not include sources of radiation from radioactive materials regulated by the department.

((15)) **"Becquerel"** (Bq) means the SI unit of activity. One becquerel is equal to 1 disintegration or transformation per second (s^{-1}).

((16)) **"Bioassay"** means the determination of kinds, quantities or concentrations, and, in some cases, the locations of radioactive material in the human body, whether by direct measurement, in vivo counting, or by analysis and evaluation of materials excreted or removed from the human body. For purposes of these regulations, "radiobioassay" is an equivalent term.

((17)) **"Byproduct material"** means: (a) Any radioactive material (except special nuclear material) yielded in or made radioactive by exposure to the radiation incident to the process of producing or utilizing special nuclear material; and (b) the tailings or wastes produced by the extraction or concentration of uranium or thorium from any ore processed primarily for its source material content, including discrete surface wastes resulting from uranium or thorium solution extraction processes. Underground ore bodies depleted by these solution extraction operations do not constitute "byproduct material" within this definition; (c) any material that has been made radioactive by use of a particle accelerator; (d) any discrete source of radium 226 that is produced, extracted, or converted after extraction for commercial, medical or research use; and (e) any discrete source of naturally occurring radioactive materials which pose a threat similar to

the threat posed by a discrete source of radium 226 to the health and safety or the common defense and security, that is produced, extracted, or converted after extraction for use for commercial, medical or research activities.

((18)) **"Calendar quarter"** means at least twelve but no more than fourteen consecutive weeks. The first calendar quarter of each year begins in January and subsequent calendar quarters shall be arranged so that no day is included in more than one calendar quarter and no day in any one year is omitted from inclusion within a calendar quarter. A licensee or registrant may not change the method of determining calendar quarters for purposes of these regulations.

((19)) **"Calibration"** means the determination of (a) the response or reading of an instrument relative to a series of known radiation values over the range of the instrument, or (b) the strength of a source of radiation relative to a standard.

((20)) **"CFR"** means Code of Federal Regulations.

((21)) **"Class"** means a classification scheme for inhaled material according to its rate of clearance from the pulmonary region of the lung. Materials are classified as D, W, or Y, which applies to a range of clearance half-times: For Class D, Days, of less than ten days, for Class W, Weeks, from ten to one hundred days, and for Class Y, Years, of greater than one hundred days. For purposes of these regulations, "lung class" and "inhalation class" are equivalent terms. For "class of waste" see WAC 246-249-040.

((22)) **"Collective dose"** means the sum of the individual doses received in a given period of time by a specified population from exposure to a specified source of radiation.

((23)) **"Committed dose equivalent"** ($H_{T,50}$) means the dose equivalent to organs or tissues of reference (T) that will be received from an intake of radioactive material by an individual during the fifty-year period following the intake.

((24)) **"Committed effective dose equivalent"** ($H_{E,50}$) is the sum of the products of the weighting factors applicable to each of the body organs or tissues that are irradiated and the committed dose equivalent to each of these organs or tissues ($H_{E,50} = \sum S_{gr}; w_T H_{T,50}$).

"Consortium" means an association of medical use licensees and a PET radionuclide production facility in the same geographical area that jointly own or share in the operation and maintenance cost of the PET radionuclide production facility that produces PET radionuclides for use in producing radioactive drugs within the consortium for noncommercial distributions among its associated members for medical use. The PET radionuclide production facility within the consortium must be located at an educational institution or a federal facility or a medical facility.

((25)) **"Constraint"** or dose constraint means a value above which specified licensee actions are required.

((26)) **"Controlled area."** See "Restricted area."

((27)) **"Curie"** means a unit of quantity of radioactivity. One curie (Ci) is that quantity of radioactive material which decays at the rate of 3.7×10^{10} transformations per second (tps).

((28)) **"Declared pregnant woman"** means a woman who has voluntarily informed the licensee or registrant, in writing, of her pregnancy, and the estimated date of conception. The declaration remains in effect until the declared

pregnant woman withdraws the declaration in writing or is no longer pregnant.

((29)) **"Deep dose equivalent"** (H_d), which applies to external whole body exposure, means the dose equivalent at a tissue depth of 1 centimeter (1000 mg/cm^2).

((30)) **"Demand respirator"** means an atmosphere-supplying respirator that admits breathing air to the facepiece only when a negative pressure is created inside the facepiece by inhalation.

((31)) **"Department"** means the Washington state department of health, ~~((office of radiation protection))~~ which has been designated as the state radiation control agency under chapter 70.98 RCW.

((32)) **"Depleted uranium"** means the source material uranium in which the isotope Uranium-235 is less than 0.711 percent by weight of the total uranium present. Depleted uranium does not include special nuclear material.

((33)) **"Derived air concentration"** (DAC) means the concentration of a given radionuclide in air which, if breathed by the reference man for a working year of two thousand hours under conditions of light work, results in an intake of one ALI. For purposes of these regulations, the condition of light work is an inhalation rate of 1.2 cubic meters of air per hour for two thousand hours in a year. DAC values are given in WAC 246-221-290.

((34)) **"Derived air concentration-hour"** (DAC-hour) means the product of the concentration of radioactive material in air, expressed as a fraction or multiple of the derived air concentration for each radionuclide, and the time of exposure to that radionuclide, in hours. A licensee or registrant may take two thousand DAC-hours to represent one ALI, equivalent to a committed effective dose equivalent of 0.05 Sv (5 rem).

((35)) **"Discrete source"** means a radionuclide that has been processed so that its concentration within a material has been purposely increased for use for commercial, medical or research activities.

"Disposable respirator" means a respirator for which maintenance is not intended and that is designed to be discarded after excessive breathing resistance, sorbent exhaustion, physical damage, or end-of-service-life renders it unsuitable for use. Examples of this type of respirator are a disposable half-mask respirator or a disposable escape-only self-contained breathing apparatus (SCBA).

((36)) **"Dose"** is a generic term that means absorbed dose, dose equivalent, effective dose equivalent, committed dose equivalent, committed effective dose equivalent, total organ dose equivalent, or total effective dose equivalent. For purposes of these rules, "radiation dose" is an equivalent term.

((37)) **"Dose commitment"** means the total radiation dose to a part of the body that will result from retention in the body of radioactive material. For purposes of estimating the dose commitment, it is assumed that from the time of intake the period of exposure to retained material will not exceed fifty years.

((38)) **"Dose equivalent"** (H_T) means the product of the absorbed dose in tissue, quality factor, and all other necessary modifying factors at the location of interest. The units of dose equivalent are the sievert (Sv) and rem.

((39)) **"Dose limits"** means the permissible upper bounds of radiation doses established in accordance with these regulations. For purposes of these regulations, "limits" is an equivalent term.

((40)) **"Dosimetry processor"** means a person that processes and evaluates individual monitoring devices in order to determine the radiation dose delivered to the monitoring devices.

((41)) **"dpm"** means disintegrations per minute. See also "curie."

((42)) **"Effective dose equivalent"** (H_E) means the sum of the products of the dose equivalent to each organ or tissue (H_T) and the weighting factor (w_T) applicable to each of the body organs or tissues that are irradiated ($H_E = \sum w_T H_T$).

((43)) **"Embryo/fetus"** means the developing human organism from conception until the time of birth.

((44)) **"Entrance or access point"** means any opening through which an individual or extremity of an individual could gain access to radiation areas or to licensed radioactive materials. This includes entry or exit portals of sufficient size to permit human entry, without respect to their intended use.

((45)) **"Exposure"** means (a) being exposed to ionizing radiation or to radioactive material, or (b) the quotient of ΔQ by Δm where " ΔQ " is the absolute value of the total charge of the ions of one sign produced in air when all the electrons (negatrons and positrons) liberated by photons in a volume element of air having mass " Δm " are completely stopped in air. The special unit of exposure is the roentgen (R) and the SI equivalent is the coulomb per kilogram. One roentgen is equal to 2.58×10^{-4} coulomb per kilogram of air.

((46)) **"Exposure rate"** means the exposure per unit of time, such as roentgen per minute and milliroentgen per hour.

((47)) **"External dose"** means that portion of the dose equivalent received from any source of radiation outside the body.

((48)) **"Extremity"** means hand, elbow, arm below the elbow, foot, knee, and leg below the knee.

((49)) **"Filtering facepiece"** (dust mask) means a negative pressure particulate respirator with a filter as an integral part of the facepiece or with the entire facepiece composed of the filtering medium, not equipped with elastomeric sealing surfaces and adjustable straps.

((50)) **"Fit factor"** means a quantitative estimate of the fit of a particular respirator to a specific individual, and typically estimates the ratio of the concentration of a substance in ambient air to its concentration inside the respirator when worn.

((51)) **"Fit test"** means the use of a protocol to qualitatively or quantitatively evaluate the fit of a respirator on an individual.

((52)) **"Former United States Atomic Energy Commission (AEC) or United States Nuclear Regulatory Commission (NRC) licensed facilities"** means nuclear reactors, nuclear fuel reprocessing plants, uranium enrichment plants, or critical mass experimental facilities where AEC or NRC licenses have been terminated.

((53)) **"Generally applicable environmental radiation standards"** means standards issued by the United States Environmental Protection Agency (EPA) under the authority

of the Atomic Energy Act of 1954, as amended, that impose limits on radiation exposures or levels, or concentrations or quantities of radioactive material, in the general environment outside the boundaries of locations under the control of persons possessing or using radioactive material.

((54)) **"Gray"** (Gy) means the SI unit of absorbed dose. One gray is equal to an absorbed dose of 1 joule/kilogram (100 rad).

((55)) **"Healing arts"** means the disciplines of medicine, dentistry, osteopathy, chiropractic, podiatry, and veterinary medicine.

((56)) **"Helmet"** means a rigid respiratory inlet covering that also provides head protection against impact and penetration.

((57)) **"High radiation area"** means any area, accessible to individuals, in which radiation levels from radiation sources external to the body could result in an individual receiving a dose equivalent in excess of 1 mSv (0.1 rem) in one hour at 30 centimeters from any source of radiation or 30 centimeters from any surface that the radiation penetrates. For purposes of these regulations, rooms or areas in which diagnostic X-ray systems are used for healing arts purposes are not considered high radiation areas.

((58)) **"Hood"** means a respiratory inlet covering that completely covers the head and neck and may also cover portions of the shoulders and torso.

((59)) **"Human use"** means the intentional internal or external administration of radiation or radioactive material to human beings.

((60)) **"Immediate"** or **"immediately"** means as soon as possible but no later than four hours after the initiating condition.

((61)) **"IND"** means investigatory new drug for which an exemption has been claimed under the United States Food, Drug and Cosmetic Act (Title 21 CFR).

((62)) **"Individual"** means any human being.

((63)) **"Individual monitoring"** means the assessment of:

(a) Dose equivalent (i) by the use of individual monitoring devices or (ii) by the use of survey data; or

(b) Committed effective dose equivalent (i) by bioassay or (ii) by determination of the time-weighted air concentrations to which an individual has been exposed, that is, DAC-hours.

((64)) **"Individual monitoring devices"** (individual monitoring equipment) means devices designed to be worn by a single individual for the assessment of dose equivalent e.g., as film badges, thermoluminescent dosimeters (TLDs), pocket ionization chambers, and personal ("lapel") air sampling devices.

((65)) **"Inspection"** means an official examination or observation by the department including but not limited to, tests, surveys, and monitoring to determine compliance with rules, orders, requirements and conditions of the department.

((66)) **"Interlock"** means a device arranged or connected so that the occurrence of an event or condition is required before a second event or condition can occur or continue to occur.

((67)) **"Internal dose"** means that portion of the dose equivalent received from radioactive material taken into the body.

((68)) **"Irretrievable source"** means any sealed source containing licensed material which is pulled off or not connected to the wireline downhole and for which all reasonable effort at recovery, as determined by the department, has been expended.

((69)) **"Lens dose equivalent"** (LDE) applies to the external exposure of the lens of the eye and is taken as the dose equivalent at a tissue depth of 0.3 centimeters (300 mg/cm²).

((70)) **"License"** means a license issued by the department.

((71)) **"Licensed material"** means radioactive material received, possessed, used, transferred, or disposed under a general or specific license issued by the department.

((72)) **"Licensee"** means any person who is licensed by the department under these rules and the act.

((73)) **"Licensing state"** means any state with regulations equivalent to the suggested state regulations for control of radiation relating to, and an effective program for, the regulatory control of NARM and which has been granted final designation by the Conference of Radiation Control Program Directors, Inc.

((74)) **"Loose-fitting facepiece"** means a respiratory inlet covering that is designed to form a partial seal with the face.

((75)) **"Lost or missing licensed material"** means licensed material whose location is unknown. This definition includes licensed material that has been shipped but has not reached its planned destination and whose location cannot be readily traced in the transportation system.

((76)) **"Member of the public"** means an individual except when the individual is receiving an occupational dose.

((77)) **"Minor"** means an individual less than eighteen years of age.

((78)) **"Monitoring"** means the measurement of radiation, radioactive material concentrations, surface area activities or quantities of radioactive material and the use of the results of these measurements to evaluate potential exposures and doses. For purposes of these regulations, radiation monitoring and radiation protection monitoring are equivalent terms.

((79)) **"NARM"** means any naturally occurring or accelerator-produced radioactive material. It does not include by-product, source, or special nuclear material. For the purpose of meeting the definition of a licensing state by the Conference of Radiation Control Program Directors, Inc. (CRCPD), NARM refers only to discrete sources of NARM. Diffuse sources of NARM are excluded from consideration by the CRCPD for Licensing State designation purposes.

((80)) **"Nationally tracked source"** means a sealed source containing a quantity equal to or greater than Category 1 or Category 2 levels of any radioactive material listed in WAC 246-221-236. In this context a sealed source is defined as radioactive material that is sealed in a capsule or closely bonded, in a solid form and which is not exempt from regulatory control. It does not mean material encapsulated solely for disposal, or nuclear material contained in any fuel assem-

bly, subassembly, fuel rod, or fuel pellet. Category 1 nationally tracked sources are those containing radioactive material at a quantity equal to or greater than the Category 1 threshold. Category 2 nationally tracked sources are those containing radioactive material at a quantity equal to or greater than the Category 2 threshold but less than the Category 1 threshold.

"**Natural radioactivity**" means radioactivity of naturally occurring nuclides.

((81)) "**NDA**" means a new drug application which has been submitted to the United States Food and Drug Administration.

((82)) "**Negative pressure respirator**" (tight-fitting) means a respirator in which the air pressure inside the facepiece is negative during inhalation with respect to the ambient air pressure outside the respirator.

((83)) "**Nonstochastic effect**" means a health effect, the severity of which varies with the dose and for which a threshold is believed to exist. Radiation-induced cataract formation is an example of a nonstochastic effect. For purposes of these rules, a "deterministic effect" is an equivalent term.

((84)) "**Nuclear Regulatory Commission**" (NRC) means the United States Nuclear Regulatory Commission or its duly authorized representatives.

((85)) "**Occupational dose**" means the dose received by an individual in the course of employment in which the individual's assigned duties involve exposure to radiation or to radioactive material from licensed and unlicensed sources of radiation, whether in the possession of the licensee, registrant, or other person. Occupational dose does not include dose received: From background radiation, from any medical administration the individual has received, from exposure to individuals administered radioactive material and released under chapter 246-240 WAC, from voluntary participation in medical research programs, or as a member of the public.

((86)) "**Ore refineries**" means all processors of a radioactive material ore.

((87)) "**Particle accelerator**" means any machine capable of accelerating electrons, protons, deuterons, or other charged particles in a vacuum and of discharging the resultant particulate or other radiation into a medium at energies usually in excess of 1 MeV. For purposes of this definition, "accelerator" is an equivalent term.

((88)) "**Permittee**" means a person who has applied for, and received, a valid site use permit for use of the low-level waste disposal facility at Hanford, Washington.

((89)) "**Person**" means any individual, corporation, partnership, firm, association, trust, estate, public or private institution, group, agency, political subdivision of this state, any other state or political subdivision or agency thereof, and any legal successor, representative, agent or agency of the foregoing, but shall not include federal government agencies.

((90)) "**Personal supervision**" means supervision where the supervisor is physically present at the facility and in sufficient proximity that contact can be maintained and immediate assistance given as required.

((91)) "**Personnel monitoring equipment**." See individual monitoring devices.

"**PET**" means positron emission tomography.

((92)) "**Pharmacist**" means an individual licensed by this state to compound and dispense drugs, and poisons.

((93)) "**Physician**" means a medical doctor or doctor of osteopathy licensed by this state to prescribe and dispense drugs in the practice of medicine.

((94)) "**Planned special exposure**" means an infrequent exposure to radiation, separate from and in addition to the annual occupational dose limits.

((95)) "**Positive pressure respirator**" means a respirator in which the pressure inside the respiratory inlet covering exceeds the ambient air pressure outside the respirator.

((96)) "**Powered air-purifying respirator**" (PAPR) means an air-purifying respirator that uses a blower to force the ambient air through air-purifying elements to the inlet covering.

((97)) "**Practitioner**" means an individual licensed by the state in the practice of a healing art (i.e., physician, dentist, podiatrist, chiropractor, etc.).

((98)) "**Pressure demand respirator**" means a positive pressure atmosphere-supplying respirator that admits breathing air to the facepiece when the positive pressure is reduced inside the facepiece by inhalation.

((99)) "**Public dose**" means the dose received by a member of the public from exposure to sources of radiation under the licensee's or registrant's control or to radiation or radioactive material released by the licensee. Public dose does not include occupational dose or doses received from background radiation, from any medical administration the individual has received, from exposure to individuals administered radioactive material and released under chapter 246-240 WAC, or from voluntary participation in medical research programs.

((100)) "**Qualified expert**" means an individual who has demonstrated to the satisfaction of the department he/she has the knowledge, training, and experience to measure ionizing radiation, to evaluate safety techniques, and to advise regarding radiation protection needs. The department reserves the right to recognize the qualifications of an individual in specific areas of radiation protection.

((101)) "**Qualitative fit test**" (QLFT) means a pass/fail fit test to assess the adequacy of respirator fit that relies on the individual's response to the test agent.

((102)) "**Quality factor**" (Q) means the modifying factor, listed in Tables I and II, that is used to derive dose equivalent from absorbed dose.

TABLE I
QUALITY FACTORS AND ABSORBED DOSE EQUIVALENCIES

TYPE OF RADIATION	Quality Factor (Q)	Absorbed Dose Equal to A Unit Dose Equivalent ^a
X, gamma, or beta radiation and high-speed electrons	1	1
Alpha particles, multiple-charged particles, fission fragments and heavy particles of unknown charge	20	0.05
Neutrons of unknown energy	10	0.1
High-energy protons	10	0.1

^a Absorbed dose in rad equal to 1 rem or the absorbed dose in gray equal to 1 Sv.

If it is more convenient to measure the neutron fluence rate rather than to determine the neutron dose equivalent rate in sievert per hour or rem per hour as required for Table I, then 0.01 Sv (1 rem) of neutron radiation of unknown energies may, for purposes of these regulations, be assumed to result from a total fluence of 25 million neutrons per square centimeter incident upon the body. If sufficient information exists to estimate the approximate energy distribution of the neutrons, the licensee or registrant may use the fluence rate per unit dose equivalent or the appropriate Q value from Table II to convert a measured tissue dose in gray or rad to dose equivalent in sievert or rem.

TABLE II

MEAN QUALITY FACTORS, Q, AND FLUENCE PER UNIT DOSE EQUIVALENT FOR MONOENERGETIC NEUTRONS

Neutron Energy (MeV)	Quality Factor ^a (Q)	Fluence per Unit Dose Equivalent ^b (neutrons cm ⁻² rem ⁻¹)	Fluence per Unit Dose Equivalent ^b (neutrons cm ⁻² Sv ⁻¹)
(thermal) 2.5 x 10 ⁻⁸	2	980 x 10 ⁶	980 x 10 ⁸
1 x 10 ⁻⁷	2	980 x 10 ⁶	980 x 10 ⁸
1 x 10 ⁻⁶	2	810 x 10 ⁶	810 x 10 ⁸
1 x 10 ⁻⁵	2	810 x 10 ⁶	810 x 10 ⁸
1 x 10 ⁻⁴	2	840 x 10 ⁶	840 x 10 ⁸
1 x 10 ⁻³	2	980 x 10 ⁶	980 x 10 ⁸
1 x 10 ⁻²	2.5	1010 x 10 ⁶	1010 x 10 ⁸
1 x 10 ⁻¹	7.5	170 x 10 ⁶	170 x 10 ⁸
5 x 10 ⁻¹	11	39 x 10 ⁶	39 x 10 ⁸
1	11	27 x 10 ⁶	27 x 10 ⁸
2.5	9	29 x 10 ⁶	29 x 10 ⁸
5	8	23 x 10 ⁶	23 x 10 ⁸
7	7	24 x 10 ⁶	24 x 10 ⁸
10	6.5	24 x 10 ⁶	24 x 10 ⁸
14	7.5	17 x 10 ⁶	17 x 10 ⁸
20	8	16 x 10 ⁶	16 x 10 ⁸
40	7	14 x 10 ⁶	14 x 10 ⁸
60	5.5	16 x 10 ⁶	16 x 10 ⁸
1 x 10 ²	4	20 x 10 ⁶	20 x 10 ⁸
2 x 10 ²	3.5	19 x 10 ⁶	19 x 10 ⁸
3 x 10 ²	3.5	16 x 10 ⁶	16 x 10 ⁸
4 x 10 ²	3.5	14 x 10 ⁶	14 x 10 ⁸

^a Value of quality factor (Q) at the point where the dose equivalent is maximum in a 30-cm diameter cylinder tissue-equivalent phantom.

^b Monoenergetic neutrons incident normally on a 30-cm diameter cylinder tissue-equivalent phantom.

((103)) **"Quantitative fit test"** (QNFT) means an assessment of the adequacy of respirator fit by numerically measuring the amount of leakage into the respirator.

((104)) **"Quarter"** means a period of time equal to one-fourth of the year observed by the licensee, approximately thirteen consecutive weeks, providing that the beginning of the first quarter in a year coincides with the starting date of the year and that no day is omitted or duplicated in consecutive quarters.

((105)) **"Rad"** means the special unit of absorbed dose. One rad equals one-hundredth of a joule per kilogram of material; for example, if tissue is the material of interest,

then 1 rad equals 100 ergs per gram of tissue. One rad is equal to an absorbed dose of 100 erg/gram or 0.01 joule/kilogram (0.01 gray).

((106)) **"Radiation"** means alpha particles, beta particles, gamma rays, X rays, neutrons, high-speed electrons, high-speed protons, and other particles capable of producing ions. For purposes of these regulations, ionizing radiation is an equivalent term. Radiation, as used in these regulations, does not include magnetic fields or nonionizing radiation, like radiowaves or microwaves, visible, infrared, or ultraviolet light.

((107)) **"Radiation area"** means any area, accessible to individuals, in which radiation levels could result in an individual receiving a dose equivalent in excess of 0.05 mSv (0.005 rem) in one hour at thirty centimeters from the source of radiation or from any surface that the radiation penetrates.

((108)) **"Radiation machine"** means any device capable of producing ionizing radiation except those devices with radioactive materials as the only source of radiation.

((109)) **"Radiation safety officer"** means an individual who has the knowledge and responsibility to apply appropriate radiation protection regulations and has been assigned that responsibility by the licensee or registrant.

((110)) **"Radiation source."** See "Source of radiation."

((111)) **"Radioactive material"** means any material (solid, liquid, or gas) which emits radiation spontaneously.

((112)) **"Radioactive waste"** means any radioactive material which is no longer of use and intended for disposal or treatment for the purposes of disposal.

((113)) **"Radioactivity"** means the transformation of unstable atomic nuclei by the emission of radiation.

((114)) **"Reference man"** means a hypothetical aggregation of human physical and physiological characteristics determined by international consensus. These characteristics may be used by researchers and public health workers to standardize results of experiments and to relate biological insult to a common base.

((115)) **"Registrable item"** means any radiation machine except those exempted by RCW 70.98.180 or exempted by the department under the authority of RCW 70.98.080.

((116)) **"Registrant"** means any person who is registered by the department or is legally obligated to register with the department in accordance with these rules and the act.

((117)) **"Registration"** means registration with the department in accordance with the regulations adopted by the department.

((118)) **"Regulations of the United States Department of Transportation"** means the regulations in 49 CFR Parts 170-189, 14 CFR Part 103, and 46 CFR Part 146.

((119)) **"Rem"** means the special unit of any of the quantities expressed as dose equivalent. The dose equivalent in rem is equal to the absorbed dose in rad multiplied by the quality factor (1 rem = 0.01 Sv).

((120)) **"Research and development"** means: (a) Theoretical analysis, exploration, or experimentation; or (b) the extension of investigative findings and theories of a scientific or technical nature into practical application for experimental and demonstration purposes, including the experi-

mental production and testing of models, devices, equipment, materials, and processes. Research and development does not include the internal or external administration of radiation or radioactive material to human beings.

((121)) **"Respiratory protective equipment"** means an apparatus, such as a respirator, used to reduce an individual's intake of airborne radioactive materials.

((122)) **"Restricted area"** means any area to which access is limited by the licensee or registrant for purposes of protecting individuals against undue risks from exposure to radiation and radioactive material. "Restricted area" does not include any areas used for residential quarters, although a separate room or rooms in a residential building may be set apart as a restricted area.

((123)) **"Roentgen"** (R) means the special unit of exposure. One roentgen equals 2.58×10^{-4} coulombs/kilogram of air.

((124)) **"Sanitary sewerage"** means a system of public sewers for carrying off waste water and refuse, but excluding sewage treatment facilities, septic tanks, and leach fields owned or operated by the licensee or registrant.

((125)) **"Sealed source"** means any radioactive material that is encased in a capsule designed to prevent leakage or the escape of the radioactive material.

((126)) **"Self-contained breathing apparatus"** (SCBA) means an atmosphere-supplying respirator for which the breathing air source is designed to be carried by the user.

((127)) **"Shallow dose equivalent"** (H_s), which applies to the external exposure of the skin of the whole body or the skin of an extremity, means the dose equivalent at a tissue depth of 0.007 centimeter (7 mg/cm^2).

((128)) **"SI"** means an abbreviation of the International System of Units.

((129)) **"Sievert"** means the SI unit of any of the quantities expressed as dose equivalent. The dose equivalent in sievert is equal to the absorbed dose in gray multiplied by the quality factor ($1 \text{ Sv} = 100 \text{ rem}$).

((130)) **"Site area emergency"** means events may occur, are in progress, or have occurred that could lead to a significant release of radioactive material and that could require a response by offsite response organizations to protect persons offsite.

((131)) **"Site boundary"** means that line beyond which the land or property is not owned, leased, or otherwise controlled by the licensee or registrant.

((132)) **"Source container"** means a device in which radioactive material is transported or stored.

((133)) **"Source material"** means: (a) Uranium or thorium, or any combination thereof, in any physical or chemical form, or (b) ores which contain by weight one-twentieth of one percent (0.05 percent) or more of (i) uranium, (ii) thorium, or (iii) any combination thereof. Source material does not include special nuclear material.

((134)) **"Source material milling"** means the extraction or concentration of uranium or thorium from any ore processing primarily for its source material content.

((135)) **"Source of radiation"** means any radioactive material, or any device or equipment emitting or capable of producing ionizing radiation.

((136)) **"Special nuclear material"** means:

(a) Plutonium, uranium-233, uranium enriched in the isotope 233 or in the isotope 235, and any other material that the United States Nuclear Regulatory Commission, under the provisions of section 51 of the Atomic Energy Act of 1954, as amended, determines to be special nuclear material, but does not include source material; or

(b) Any material artificially enriched in any of the foregoing, but does not include source material.

((137)) **"Special nuclear material in quantities not sufficient to form a critical mass"** means uranium enriched in the isotope U-235 in quantities not exceeding three hundred fifty grams of contained U-235; uranium-233 in quantities not exceeding two hundred grams; plutonium in quantities not exceeding two hundred grams; or any combination of them in accordance with the following formula: For each kind of special nuclear material, determine the ratio between the quantity of that special nuclear material and the quantity specified above for the same kind of special nuclear material. The sum of the ratios for all of the kinds of special nuclear material in combination shall not exceed "1" (i.e., unity). For example, the following quantities in combination would not exceed the limitation and are within the formula:

$$\frac{175 \text{ (grams contained U-235)}}{350} + \frac{50 \text{ (grams U-233)}}{200} + \frac{50 \text{ (grams Pu)}}{200} < 1$$

((138)) **"Stochastic effect"** means a health effect that occurs randomly and for which the probability of the effect occurring, rather than its severity, is assumed to be a linear function of dose without threshold. Hereditary effects and cancer incidence are examples of stochastic effects. For purposes of these regulations, probabilistic effect is an equivalent term.

((139)) **"Supplied-air respirator"** (SAR) or "airline respirator" means an atmosphere-supplying respirator for which the source of breathing air is not designed to be carried by the user.

((140)) **"Survey"** means an evaluation of the radiological conditions and potential hazards incident to the production, use, release, disposal, or presence of sources of radiation. When appropriate, the evaluation includes, but is not limited to, tests, physical examinations, calculations and measurements of levels of radiation or concentration of radioactive material present.

((141)) **"Test"** means (a) the process of verifying compliance with an applicable regulation, or (b) a method for determining the characteristics or condition of sources of radiation or components thereof.

((142)) **"These rules"** mean all parts of the rules for radiation protection of the state of Washington.

((143)) **"Tight-fitting facepiece"** means a respiratory inlet covering that forms a complete seal with the face.

((144)) **"Total effective dose equivalent"** (TEDE) means the sum of the deep dose equivalent for external expo-

tures and the committed effective dose equivalent for internal exposures.

((145)) **"Total organ dose equivalent"** (TODE) means the sum of the deep dose equivalent and the committed dose equivalent to the organ or tissue receiving the highest dose.

((146)) **"United States Department of Energy"** means the Department of Energy established by Public Law 95-91, August 4, 1977, 91 Stat. 565, 42 U.S.C. 7101 et seq., to the extent that the department exercises functions formerly vested in the United States Atomic Energy Commission, its chairman, members, officers and components and transferred to the United States Energy Research and Development Administration and to the administrator thereof under sections 104 (b), (c) and (d) of the Energy Reorganization Act of 1974 (Public Law 93-438, October 11, 1974, 88 Stat. 1233 at 1237, 42 U.S.C. 5814 effective January 19, 1975) and retransferred to the Secretary of Energy under section 301(a) of the Department of Energy Organization Act (Public Law 95-91, August 4, 1977, 91 Stat. 565 at 577-578, 42 U.S.C. 7151, effective October 1, 1977).

((147)) **"Unrefined and unprocessed ore"** means ore in its natural form prior to any processing, such as grinding, roasting, beneficiating, or refining.

((148)) **"Unrestricted area"** (uncontrolled area) means any area which is not a restricted area. Areas where the external dose exceeds 2 mrem in any one hour or where the public dose, taking into account occupancy factors, will exceed 100 mrem total effective dose equivalent in any one year must be restricted.

((149)) **"User seal check"** (fit check) means an action conducted by the respirator user to determine if the respirator is properly seated to the face. Examples include negative pressure check, positive pressure check, irritant smoke check, or isoamyl acetate check.

((150)) **"Very high radiation area"** means an area, accessible to individuals, in which radiation levels from radiation sources external to the body could result in an individual receiving an absorbed dose in excess of 5 Gy (500 rad) in one hour at one meter from a source of radiation or one meter from any surface that the radiation penetrates.

((151)) **"Waste"** means those low-level radioactive wastes containing source, special nuclear or byproduct material that are acceptable for disposal in a land disposal facility. For purposes of this definition, low-level radioactive waste means radioactive waste not classified as high-level radioactive waste, transuranic waste, spent nuclear fuel, or byproduct material as defined in this section.

"Waste handling licensees" mean persons licensed to receive and store radioactive wastes prior to disposal and/or persons licensed to dispose of radioactive waste.

((152)) **"Week"** means seven consecutive days starting on Sunday.

((153)) **"Weighting factor"** w_T for an organ or tissue (T) means the proportion of the risk of stochastic effects resulting from irradiation of that organ or tissue to the total risk of stochastic effects when the whole body is irradiated uniformly. For calculating the effective dose equivalent, the values of w_T are:

ORGAN DOSE WEIGHTING FACTORS	
Organ or Tissue	w_T
Gonads	0.25
Breast	0.15
Red bone marrow	0.12
Lung	0.12
Thyroid	0.03
Bone surfaces	0.03
Remainder	0.30 ^a
Whole Body	1.00 ^b

^a 0.30 results from 0.06 for each of 5 "remainder" organs, excluding the skin and the lens of the eye, that receive the highest doses.

^b For the purpose of weighting the external whole body dose, for adding it to the internal dose, a single weighting factor, $w_T = 1.0$, has been specified. The use of other weighting factors for external exposure will be approved on a case-by-case basis until such time as specific guidance is issued.

((154)) **"Whole body"** means, for purposes of external exposure, head, trunk including male gonads, arms above the elbow, or legs above the knee.

((155)) **"Worker"** means an individual engaged in activities under a license or registration issued by the department and controlled by a licensee or registrant but does not include the licensee or registrant. Where the licensee or registrant is an individual rather than one of the other legal entities defined under "person," the radiation exposure limits for the worker also apply to the individual who is the licensee or registrant. If students of age eighteen years or older are subjected routinely to work involving radiation, then the students are considered to be workers. Individuals of less than eighteen years of age shall meet the requirements of WAC 246-221-050.

((156)) **"Working level"** (WL) means any combination of short-lived radon daughters in 1 liter of air that will result in the ultimate emission of 1.3×10^5 MeV of potential alpha particle energy. The short-lived radon daughters are — for radon-222: Polonium-218, lead-214, bismuth-214, and polonium-214; and for radon-220: Polonium-216, lead-212, bismuth-212, and polonium-212.

((157)) **"Working level month"** (WLM) means an exposure to one working level for one hundred seventy hours — two thousand working hours per year divided by twelve months per year is approximately equal to one hundred seventy hours per month.

((158)) **"Year"** means the period of time beginning in January used to determine compliance with the provisions of these regulations. The licensee or registrant may change the starting date of the year used to determine compliance by the licensee or registrant provided that the change is made at the beginning of the year and that no day is omitted or duplicated in consecutive years.

NEW SECTION

WAC 246-221-235 Reports of transactions involving nationally tracked sources. Each licensee who manufactures, transfers, receives, disassembles, or disposes of a

nationally tracked source shall complete and submit a National Source Tracking Transaction Report as specified in subsections (1) through (5) of this section for each type of transaction.

(1) Each licensee who manufactures a nationally tracked source shall complete and submit a National Source Tracking Transaction Report. The report must include the following information:

- (a) The name, address, and license number of the reporting licensee;
- (b) The name of the individual preparing the report;
- (c) The manufacturer, model, and serial number of the source;
- (d) The radioactive material in the source;
- (e) The initial source strength in becquerels (curies) at the time of manufacture; and
- (f) The manufacture date of the source.

(2) Each licensee that transfers a nationally tracked source to another person shall complete and submit a National Source Tracking Transaction Report. The report must include the following information:

- (a) The name, address, and license number of the reporting licensee;
- (b) The name of the individual preparing the report;
- (c) The name and license number of the recipient facility and the shipping address;
- (d) The manufacturer, model, and serial number of the source or, if not available, other information to uniquely identify the source;
- (e) The radioactive material in the source;
- (f) The initial or current source strength in becquerels (curies);
- (g) The date for which the source strength is reported;
- (h) The shipping date;
- (i) The estimated arrival date; and
- (j) For nationally tracked sources transferred as waste under a Uniform Low-Level Radioactive Waste Manifest, the waste manifest number and the container identification of the container with the nationally tracked source.

(3) Each licensee that receives a nationally tracked source shall complete and submit a National Source Tracking Transaction Report. The report must include the following information:

- (a) The name, address, and license number of the reporting licensee;
- (b) The name of the individual preparing the report;
- (c) The name, address, and license number of the person that provided the source;
- (d) The manufacturer, model, and serial number of the source or, if not available, other information to uniquely identify the source;
- (e) The radioactive material in the source;
- (f) The initial or current source strength in becquerels (curies);
- (g) The date for which the source strength is reported;
- (h) The date of receipt; and
- (i) For material received under a Uniform Low-Level Radioactive Waste Manifest, the waste manifest number and the container identification with the nationally tracked source.

(4) Each licensee that disassembles a nationally tracked source shall complete and submit a National Source Tracking Transaction Report. The report must include the following information:

- (a) The name, address, and license number of the reporting licensee;
- (b) The name of the individual preparing the report;
- (c) The manufacturer, model, and serial number of the source or, if not available, other information to uniquely identify the source;
- (d) The radioactive material in the source;
- (e) The initial or current source strength in becquerels (curies);
- (f) The date for which the source strength is reported;
- (g) The disassemble date of the source.

(5) Each licensee who disposes of a nationally tracked source shall complete and submit a National Source Tracking Transaction Report. The report must include the following information:

- (a) The name, address, and license number of the reporting licensee;
- (b) The name of the individual preparing the report;
- (c) The waste manifest number;
- (d) The container identification with the nationally tracked source;
- (e) The date of disposal; and
- (f) The method of disposal.

(6) The reports discussed in subsections (1) through (5) of this section must be submitted by the close of the next business day after the transaction. A single report may be submitted for multiple sources and transactions. The reports must be submitted to the National Source Tracking System by using:

- (a) The on-line National Source Tracking System;
- (b) Electronically using a computer-readable format;
- (c) By facsimile;
- (d) By mail to the address on the National Source Tracking Transaction Report Form (NRC Form 748); or
- (e) By telephone with follow-up by facsimile or mail.

(7) Each licensee shall correct any error in previously filed reports or file a new report for any missed transaction within five business days of the discovery of the error or missed transaction. Such errors may be detected by a variety of methods such as administrative reviews or by physical inventories required by regulation. In addition, each licensee shall reconcile the inventory of nationally tracked sources possessed by the licensee against that licensee's data in the National Source Tracking System. The reconciliation must be conducted during the month of January in each year. The reconciliation process must include resolving any discrepancies between the National Source Tracking System and the actual inventory by filing the reports identified by subsections (1) through (5) of this section. By January 31, of each year, each licensee must submit to the National Source Tracking System confirmation that the data in the National Source Tracking System is correct.

(8) Each licensee that possesses Category 1 or 2 nationally tracked sources shall report its initial inventory of Category 1 or 2 nationally tracked sources to the National Source Tracking System by January 31, 2009. The information may

be submitted by using any of the methods identified in subsection (6)(a) through (d) of this section. The initial inventory report shall include the following information:

- (a) The name, address, and license number of the reporting licensee;
- (b) The name of the individual preparing the report;
- (c) The manufacturer, model, and serial number of each nationally tracked source or, if not available, other information to uniquely identify the source;
- (d) The radioactive material in the sealed source;

- (e) The initial or current source strength in becquerels (curies); and
- (f) The date for which the source strength is reported.

NEW SECTION

WAC 246-221-236 Nationally tracked source thresholds. The Terabecquerel (TBq) values are the regulatory standard. The curie (Ci) values specified are obtained by converting from the TBq value. The curie values are provided for practical usefulness only and are rounded after conversion.

Radioactive Material	Category 1 (TBq)	Category 1 (Ci)	Category 2 (TBq)	Category 2 (Ci)
Actinium-227	20	540	0.2	5.4
Americium-241	60	1,600	0.6	16
Americium-241/Be	60	1,600	0.6	16
Californium-252	20	540	0.2	5.4
Cobalt-60	30	810	0.3	8.1
Cesium-137	100	2,700	1	27
Curium-244	50	1,400	0.5	14
Gadolinium-153	1,000	27,000	10	270
Iridium-192	80	2,200	0.8	22
Plutonium-238	60	1,600	0.6	16
Plutonium-239/Be	60	1,600	0.6	16
Polonium-210	60	1,600	0.6	16
Promethium-147	40,000	1,100,000	400	11,000
Radium-226	40	1,100	0.4	11
Selenium-75	200	5,400	2	54
Strontium-90	1,000	27,000	10	270
Thorium-228	20	540	0.2	5.4
Thorium-229	20	540	0.2	5.4
Thulium-170	20,000	540,000	200	5,400
Ytterbium-169	300	8,100	3	81

AMENDATORY SECTION (Amending WSR 94-01-073, filed 12/9/93, effective 1/9/94)

WAC 246-221-290 Appendix A—Annual limits on intake (ALI) and derived air concentrations (DAC) of radionuclides for occupational exposure; effluent concentrations; concentrations for release to sanitary sewerage. For each radionuclide, Table I indicates the chemical form which is to be used for selecting the appropriate ALI or DAC value. The ALIs and DACs for inhalation are given for an aerosol with an activity median aerodynamic diameter (AMAD) of 1 µm (micron) and for three classes (D,W,Y) of radioactive material, which refer to their retention (approximately days, weeks or years) in the pulmonary region of the lung. This classification applies to a range of clearance half-times for D if less than ten days, for W from ten to one hundred days, and for Y greater than one hundred days. Table II provides concentration limits for airborne and liquid effluents released to the general environment. Table III provides concentration limits for discharges to sanitary sewerage.

Note: The values in Tables I, II, and III are presented in the computer "E" notation. In this notation a value of 6E-02 represents a value of 6×10^{-2} or 0.06, 6E+2 represents 6×10^2 or 600, and 6E+0 represents 6×10^0 or 6.

Table I "Occupational Values"

Note that the columns in Table I of this appendix captioned "Oral Ingestion ALI," "Inhalation ALI," and "DAC," are applicable to occupational exposure to radioactive material.

The ALIs in this appendix are the annual intakes of given radionuclide by "Reference Man" which would result in either: A committed effective dose equivalent of 0.05 Sv (5 rem), stochastic ALI; or a committed dose equivalent of 0.5 Sv (50 rem) to an organ or tissue, nonstochastic ALI. The stochastic ALIs were derived to result in a risk, due to irradiation of organs and tissues, comparable to the risk associated with deep dose equivalent to the whole body of 0.05 Sv (5 rem). The derivation includes multiplying the committed dose equivalent to an organ or tissue by a weighting factor, w_T .

This weighting factor is the proportion of the risk of stochastic effects resulting from irradiation of the organ or tissue, T , to the total risk of stochastic effects when the whole body is irradiated uniformly. The values of w_T are listed under the definition of weighting factor in WAC 246-221-005. The nonstochastic ALIs were derived to avoid nonstochastic effects, such as prompt damage to tissue or reduction in organ function.

A value of $w_T = 0.06$ is applicable to each of the five organs or tissues in the "remainder" category receiving the highest dose equivalents, and the dose equivalents of all other remaining tissues may be disregarded. The following portions of the GI tract — stomach, small intestine, upper large intestine, and lower large intestine — are to be treated as four separate organs.

Note that the dose equivalents for an extremity, elbows, arms below the elbows, feet and lower legs, knees, and legs below the knees, skin, and lens of the eye are not considered in computing the committed effective dose equivalent, but are subject to limits that must be met separately.

When an ALI is defined by the stochastic dose limit, this value alone is given. When an ALI is determined by the nonstochastic dose limit to an organ, the organ or tissue to which the limit applies is shown, and the ALI for the stochastic limit is shown in parentheses. Abbreviated organ or tissue designations are used:

LLI wall = lower large intestine wall;
 St. wall = stomach wall;
 Blad wall = bladder wall; and
 Bone surf = bone surface.

The use of the ALIs listed first, the more limiting of the stochastic and nonstochastic ALIs, will ensure that nonstochastic effects are avoided and that the risk of stochastic effects is limited to an acceptably low value. If, in a particular situation involving a radionuclide for which the nonstochastic ALI is limiting, use of that nonstochastic ALI is considered unduly conservative, the licensee may use the stochastic ALI to determine the committed effective dose equivalent. However, the licensee shall also ensure that the 0.5 Sv (50 rem) dose equivalent limit for any organ or tissue is not exceeded by the sum of the external deep dose equivalent plus the internal committed dose equivalent to that organ, not the effective dose. For the case where there is no external dose contribution, this would be demonstrated if the sum of the fractions of the nonstochastic ALIs (ALI_{ns}) that contribute to the committed dose equivalent to the organ receiving the highest dose does not exceed unity, that is, $\sum (\text{intake (in } \mu\text{Ci)}) / ALI_{ns} \leq 1.0$. If there is an external deep dose equivalent contribution of H_d , then this sum must be less than $1 - (H_d/50)$, instead of ≤ 1.0 .

The derived air concentration (DAC) values are derived limits intended to control chronic occupational exposures. The relationship between the DAC and the ALI is given by:

$$DAC = ALI \text{ (in } \mu\text{Ci)} / (2000 \text{ hours per working year} \times 60 \text{ minutes/hour} \times 2 \times 10^4 \text{ ml per minute}) = [ALI / 2.4 \times 10^9] \mu\text{Ci/ml},$$

where 2×10^4 ml per minute is the volume of air breathed per minute at work by Reference Man under working conditions of light work.

The DAC values relate to one of two modes of exposure: Either external submersion or the internal committed dose equivalents resulting from inhalation of radioactive materials. DACs based upon submersion are for immersion in a semi-infinite cloud of uniform concentration and apply to each radionuclide separately.

The ALI and DAC values include contributions to exposure by the single radionuclide named and any in-growth of daughter radionuclides produced in the body by decay of the parent. However, intakes that include both the parent and daughter radionuclides should be treated by the general method appropriate for mixtures.

The values of ALI and DAC do not apply directly when the individual both ingests and inhales a radionuclide, when the individual is exposed to a mixture of radionuclides by either inhalation or ingestion or both, or when the individual is exposed to both internal and external irradiation. See WAC 246-221-015. When an individual is exposed to radioactive materials which fall under several of the translocation classifications of the same radionuclide, such as, Class D, Class W, or Class Y, the exposure may be evaluated as if it were a mixture of different radionuclides.

It should be noted that the classification of a compound as Class D, W, or Y is based on the chemical form of the compound and does not take into account the radiological half-life of different radionuclides. For this reason, values are given for Class D, W, and Y compounds, even for very short-lived radionuclides.

Table II "Effluent Concentrations"

The columns in Table II of this appendix captioned "Effluents," "Air" and "Water" are applicable to the assessment and control of dose to the public, particularly in the implementation of the provisions of WAC 246-221-070. The concentration values given in Columns 1 and 2 of Table II are equivalent to the radionuclide concentrations which, if inhaled or ingested continuously over the course of a year, would produce a total effective dose equivalent of 0.50 mSv (0.05 rem).

Consideration of nonstochastic limits has not been included in deriving the air and water effluent concentration limits because nonstochastic effects are presumed not to occur at or below the dose levels established for individual members of the public. For radionuclides, where the nonstochastic limit was governing in deriving the occupational DAC, the stochastic ALI was used in deriving the corresponding airborne effluent limit in Table II. For this reason, the DAC and airborne effluent limits are not always proportional as was the case in the previous Appendix A of this chapter.

The air concentration values listed in Table II, Column 1 were derived by one of two methods. For those radionuclides for which the stochastic limit is governing, the occupational stochastic inhalation ALI was divided by 2.4×10^9 , relating the inhalation ALI to the DAC, as explained above, and then divided by a factor of three hundred. The factor of three hundred includes the following components: A factor of fifty to relate the 0.05 Sv (5 rem) annual occupational dose limit to the 1 mSv (0.1 rem) limit for members of the public, a factor of three to adjust for the difference in exposure time and the inhalation rate for a worker and that for members of the public; and a factor of two to adjust the occupational values, derived for adults, so that they are applicable to other age groups.

For those radionuclides for which submersion, that is external dose, is limiting, the occupational DAC in Table I, Column 3 was divided by two hundred nineteen. The factor of two hundred nineteen is composed of a factor of fifty, as described above, and a factor of 4.38 relating occupational exposure for two thousand hours per year to full-time exposure (eight thousand seven hundred sixty hours per year). Note that an additional factor of two for age considerations is not warranted in the submersion case.

The water concentrations were derived by taking the most restrictive occupational stochastic oral ingestion ALI and dividing by 7.3×10^7 . The factor of 7.3×10^7 (ml)

includes the following components: The factors of fifty and two described above and a factor of 7.3×10^5 (ml) which is the annual water intake of Reference Man.

Note 2 of this appendix provides groupings of radionuclides which are applicable to unknown mixtures of radionuclides. These groupings, including occupational inhalation ALIs and DACs, air and water effluent concentrations and releases to sewer, require demonstrating that the most limiting radionuclides in successive classes are absent. The limit for the unknown mixture is defined when the presence of one of the listed radionuclides cannot be definitely excluded as being present either from knowledge of the radionuclide composition of the source or from actual measurements.

Table III "Releases to Sewers"

The monthly average concentrations for release to sanitary sewerage are applicable to the provisions in WAC 246-221-190. The concentration values were derived by taking the most restrictive occupational stochastic oral ingestion ALI and dividing by $7.3 \times ((40)) 10^6$ (ml). The factor of $7.3 \times ((40)) 10^6$ (ml) is composed of a factor of $7.3 \times ((40)) 10^5$ (ml), the annual water intake by Reference Man, and a factor of ten, such that the concentrations, if the sewage released by the licensee were the only source of water ingested by a Reference Man during a year, would result in a committed effective dose equivalent of 5 mSv (0.5 rem).

LIST OF ELEMENTS

Name	Symbol	Atomic Number	Name	Symbol	Atomic Number
Actinium	Ac	89	((Mercury)) <u>Molybdenum</u>	((Hg)) <u>Mo</u>	((80)) <u>42</u>
Aluminum	Al	13	((Molybdenum)) <u>Neodymium</u>	((Mo)) <u>Nd</u>	((42)) <u>60</u>
Americium	Am	95	((Neodymium)) <u>Neptunium</u>	((Nd)) <u>Np</u>	((60)) <u>93</u>
Antimony	Sb	51	((Neptunium)) <u>Nickel</u>	((Np)) <u>Ni</u>	((93)) <u>28</u>
Argon	Ar	18	((Nickel)) <u>Nitrogen</u>	((Ni)) <u>N</u>	((28)) <u>7</u>
Arsenic	As	33	Niobium	Nb	41
Astatine	At	85	Osmium	Os	76
Barium	Ba	56	((Palladium)) <u>Oxygen</u>	((Pd)) <u>O</u>	((46)) <u>8</u>
Berkelium	Bk	97	((Phosphorus)) <u>Palladium</u>	((P)) <u>Pd</u>	((15)) <u>46</u>
Beryllium	Be	4	((Platinum)) <u>Phosphorus</u>	((Pt)) <u>P</u>	((78)) <u>15</u>
Bismuth	Bi	83	((Plutonium)) <u>Platinum</u>	((Pu)) <u>Pt</u>	((94)) <u>78</u>
Bromine	Br	35	((Polonium)) <u>Plutonium</u>	((Po)) <u>Pu</u>	((84)) <u>94</u>
Cadmium	Cd	48	((Potassium)) <u>Polonium</u>	((K)) <u>Po</u>	((19)) <u>84</u>
Calcium	Ca	20	((Praseodymium)) <u>Potassium</u>	((Pr)) <u>K</u>	((59)) <u>19</u>
Californium	Cf	98	((Promethium)) <u>Praseodymium</u>	((Pm)) <u>Pr</u>	((61)) <u>59</u>
Carbon	C	6	((Protactinium)) <u>Promethium</u>	((Pa)) <u>Pm</u>	((91)) <u>61</u>
Cerium	Ce	58	((Radium)) <u>Protactinium</u>	((Ra)) <u>Pa</u>	((88)) <u>91</u>
Cesium	Cs	55	((Radon)) <u>Radium</u>	((Rn)) <u>Ra</u>	((86)) <u>88</u>
Chlorine	Cl	17	((Rhenium)) <u>Radon</u>	((Re)) <u>Rn</u>	((75)) <u>86</u>
Chromium	Cr	24	((Rhodium)) <u>Rhenium</u>	((Rh)) <u>Re</u>	((45)) <u>75</u>
Cobalt	Co	27	((Rubidium)) <u>Rhodium</u>	((Rb)) <u>Rh</u>	((37)) <u>45</u>
Copper	Cu	29	((Ruthenium)) <u>Rubidium</u>	((Ru)) <u>Rb</u>	((44)) <u>37</u>
Curium	Cm	96	((Samarium)) <u>Ruthenium</u>	((Sm)) <u>Ru</u>	((62)) <u>44</u>

LIST OF ELEMENTS

Name	Symbol	Atomic Number	Name	Symbol	Atomic Number
Dysprosium	Dy	66	((Scandium)) <u>Samarium</u>	((Se)) <u>Sm</u>	((21)) <u>62</u>
Einsteinium	Es	99	((Selenium)) <u>Scandium</u>	((Se)) <u>Sc</u>	((34)) <u>21</u>
Erbium	Er	68	((Silicon)) <u>Selenium</u>	((Si)) <u>Se</u>	((14)) <u>34</u>
Europium	Eu	63	((Silver)) <u>Silicon</u>	((Ag)) <u>Si</u>	((47)) <u>14</u>
Fermium	Fm	100	((Sodium)) <u>Silver</u>	((Na)) <u>Ag</u>	((11)) <u>47</u>
Fluorine	F	9	((Strontium)) <u>Sodium</u>	((Sr)) <u>Na</u>	((38)) <u>11</u>
Francium	Fr	87	((Sulfur)) <u>Strontium</u>	((S)) <u>Sr</u>	((16)) <u>38</u>
Gadolinium	Gd	64	((Tantalum)) <u>Sulfur</u>	((Ta)) <u>S</u>	((73)) <u>16</u>
Gallium	Ga	31	((Technetium)) <u>Tantalum</u>	((Te)) <u>Ta</u>	((43)) <u>73</u>
Germanium	Ge	32	((Tellurium)) <u>Technetium</u>	((Te)) <u>Tc</u>	((52)) <u>43</u>
Gold	Au	79	((Terbium)) <u>Tellurium</u>	((Tb)) <u>Te</u>	((65)) <u>52</u>
Hafnium	Hf	72	((Thallium)) <u>Terbium</u>	((Tl)) <u>Tb</u>	((81)) <u>65</u>
Holmium	Ho	67	((Thorium)) <u>Thallium</u>	((Th)) <u>Tl</u>	((90)) <u>81</u>
Hydrogen	H	1	((Thulium)) <u>Thorium</u>	((Tm)) <u>Th</u>	((69)) <u>90</u>
Indium	In	49	((Tin)) <u>Thulium</u>	((Sn)) <u>Tm</u>	((50)) <u>69</u>
Iodine	I	53	((Titanium)) <u>Tin</u>	((Ti)) <u>Sn</u>	((22)) <u>50</u>
Iridium	Ir	77	((Tungsten)) <u>Titanium</u>	((W)) <u>Ti</u>	((74)) <u>22</u>
Iron	Fe	26	((Uranium)) <u>Tungsten</u>	((U)) <u>W</u>	((92)) <u>74</u>
Krypton	Kr	36	((Vanadium)) <u>Uranium</u>	((V)) <u>U</u>	((23)) <u>92</u>
Lanthanum	La	57	((Xenon)) <u>Vanadium</u>	((Xe)) <u>V</u>	((54)) <u>23</u>
Lead	Pb	82	((Ytterbium)) <u>Xenon</u>	((Yb)) <u>Xe</u>	((70)) <u>54</u>
Lutetium	Lu	71	((Yttrium)) <u>Ytterbium</u>	((Y)) <u>Yb</u>	((39)) <u>70</u>
Magnesium	Mg	12	((Zinc)) <u>Yttrium</u>	((Zn)) <u>Y</u>	((30)) <u>39</u>
Manganese	Mn	25	((Zirconium)) <u>Zinc</u>	((Zr)) <u>Zn</u>	((40)) <u>30</u>
Mendelevium	Md	101	<u>Zirconium</u>	<u>Zr</u>	<u>40</u>
<u>Mercury</u>	<u>Hg</u>	<u>80</u>			

Atomic No.	Radionuclide	Class	Table I Occupational Values			Table II Effluent Concentration		Table III Releases to Sewers
			Col. 1 Oral Ingestion ALI μCi	Col. 2 Inhalation ALI μCi	Col. 3 DAC μCi/ml	Col. 1 Air μCi/ml	Col. 2 Water μCi/ml	Monthly Average Concentration μCi/ml
1	Hydrogen-3	Water, DAC includes skin absorption	8E+4	8E+4	2E-5	1E-7	1E-3	1E-2
Gas (HT or T ₂) Submersion ¹ : Use above values as HT and T ₂ oxidize in air and in the body to HTO.								
4	Beryllium-7	W, all compounds except those given for Y	4E+4	2E+4	9E-6	3E-8	6E-4	6E-3
		Y, oxides, halides, and nitrates	-	2E+4	8E-6	3E-8	-	-
4	Beryllium-10	W, see ⁷ Be	1E+3	2E+2	6E-8	2E-10	-	-
		LLI wall (1E+3)	-	-	-	-	2E-5	2E-4
		Y, see ⁷ Be	-	1E+1	6E-9	2E-11	-	-

Atomic No.	Radionuclide	Class	Table 1 Occupational Values			Table II Effluent Concentration		Table III Releases to Sewers
			Col. 1 Oral Ingestion ALI μCi	Col. 2 ALI μCi	Col. 3 Inhalation DAC μCi/ml	Col. 1 Air μCi/ml	Col. 2 Water μCi/ml	Monthly Average Concen- tration μCi/ml
6	Carbon-11 ²	Monoxide	-	1E+6	5E-4	2E-6	-	-
		Dioxide	-	6E+5	3E-4	9E-7	-	-
		Compounds	4E+5	4E+5	2E-4	6E-7	6E-3	6E-2
6	Carbon-14	Monoxide	-	2E+6	7E-4	2E-6	-	-
		Dioxide	-	2E+5	9E-5	3E-7	-	-
		Compounds	2E+3	2E+3	1E-6	3E-9	3E-5	3E-4
<u>7</u>	<u>Nitrogen-13²</u>	<u>Submersion¹</u>	<u>±</u>	<u>±</u>	<u>4E-6</u>	<u>2E-8</u>	<u>±</u>	<u>±</u>
<u>8</u>	<u>Oxygen-15²</u>	<u>Submersion¹</u>	<u>±</u>	<u>±</u>	<u>4E-6</u>	<u>2E-8</u>	<u>±</u>	<u>±</u>
9	Fluorine-18 ²	D, fluorides of H, Li, Na, K, Rb, Cs, and Fr	5E+4 St wall (5E+4)	7E+4 -	3E-5 -	1E-7 -	- 7E-4	- 7E-3
		W, fluorides of Be, Mg, Ca, Sr, Ba, Ra, Al, Ga, In, Tl, As, Sb, Bi, Fe, Ru, Os, Co, Ni, Pd, Pt, Cu, Ag, Au, Zn, Cd, Hg, Sc, Y, Ti, Zr, V, Nb, Ta, Mn, Tc, and Re	- -	9E+4 8E+4	4E-5 3E-5	1E-7 1E-7	- -	- -
		Y, lanthanum fluoride	-	8E+4	3E-5	1E-7	-	-
11	Sodium-22	D, all compounds	4E+2	6E+2	3E-7	9E-10	6E-6	6E-5
11	Sodium-24	D, all compounds	4E+3	5E+3	2E-6	7E-9	5E-5	5E-4
12	Magnesium-28	D, all compounds except those given for W	7E+2	2E+3	7E-7	2E-9	9E-6	9E-5
		W, oxides, hydroxides, carbides, halides, and nitrates	-	1E+3	5E-7	2E-9	-	-
13	Aluminum-26	D, all compounds except those given for W	4E+2	6E+1	3E-8	9E-11	6E-6	6E-5
		W, oxides, hydroxides, carbides, halides, and nitrates	-	9E+1	4E-8	1E-10	-	-
14	Silicon-31	D, all compounds except those given for W and Y	9E+3	3E+4	1E-5	4E-8	1E-4	1E-3
		W, oxides, hydroxides, carbides, and nitrates	-	3E+4	1E-5	5E-8	-	-
		Y, aluminosilicate glass	-	3E+4	1E-5	4E-8	-	-
14	Silicon-32	D, see ³¹ Si	2E+3 LLI wall (3E+3)	2E+2 -	1E-7 -	3E-10 -	- 4E-5	- 4E-4
		W, see ³¹ Si	-	1E+2	5E-8	2E-10	-	-
		Y, see ³¹ Si	-	5E+0	2E-9	7E-12	-	-

Atomic No.	Radionuclide	Class	Table 1 Occupational Values			Table II Effluent Concentration		Table III Releases to Sewers
			Col. 1 Oral Ingestion ALI μCi	Col. 2 ALI μCi	Col. 3 Inhalation DAC μCi/ml	Col. 1 Air μCi/ml	Col. 2 Water μCi/ml	Monthly Average Concen- tration μCi/ml
15	Phosphorus-32	D, all compounds except phosphates given for W W, phosphates of Zn ²⁺ , S ³⁺ , Mg ²⁺ , Fe ³⁺ , Bi ³⁺ , and lanthanides	6E+2	9E+2	4E-7	1E-9	9E-6	9E-5
			-	4E+2	2E-7	5E-10	-	-
15	Phosphorus-33	D, see ³² P W, see ³² P	6E+3	8E+3	4E-6	1E-8	8E-5	8E-4
			-	3E+3	1E-6	4E-9	-	-
16	Sulfur-35	Vapor	-	1E+4	6E-6	2E-8	-	-
		D, sulfides and sulfates except those given for W	1E+4	2E+4	7E-6	2E-8	-	-
			LLI wall (8E+3)	-	-	-	1E-4	1E-3
		W, elemental sulfur, sulfides of Sr, Ba, Ge, Sn, Pb, As, Sb, Bi, Cu, Ag, Au, Zn, Cd, Hg, W, and Mo. Sulfates of Ca, Sr, Ba, Ra, As, Sb, and Bi	6E+3	-	-	-	-	-
			-	2E+3	9E-7	3E-9	-	-
17	Chlorine-36	D, chlorides of H, Li, Na, K, Rb, Cs, and Fr W, chlorides of lanthanides, Be, Mg, Ca, Sr, Ba, Ra, Al, Ga, In, Tl, Ge, Sn, Pb, As, Sb, Bi, Fe, Ru, Os, Co, Rh, Ir, Ni, Pd, Pt, Cu, Ag, Au, Zn, Cd, Hg, Sc, Y, Ti, Zr, Hf, V, Nb, Ta, Cr, Mo, W, Mn, Tc, and Re	2E+3	2E+3	1E-6	3E-9	2E-5	2E-4
			-	2E+2	1E-7	3E-10	-	-
17	Chlorine-38 ²	D, see ³⁶ Cl	2E+4	4E+4	2E-5	6E-8	-	-
			St wall (3E+4)	-	-	-	3E-4	3E-3
		W, see ³⁶ Cl	-	5E+4	2E-5	6E-8	-	-
17	Chlorine-39 ²	D, see ³⁶ Cl	2E+4	5E+4	2E-5	7E-8	-	-
			St wall (4E+4)	-	-	-	5E-4	5E-3
		W, see ³⁶ Cl	-	6E+4	2E-5	8E-8	-	-
18	Argon-37	Submersion ¹	-	-	1E+0	6E-3	-	-
18	Argon-39	Submersion ¹	-	-	2E-4	8E-7	-	-
18	Argon-41	Submersion ¹	-	-	3E-6	1E-8	-	-
19	Potassium-40	D, all compounds	3E+2	4E+2	2E-7	6E-10	4E-6	4E-5

Atomic No.	Radionuclide	Class	Table 1 Occupational Values			Table II Effluent Concentration		Table III Releases to Sewers
			Col. 1 Oral Ingestion ALI μCi	Col. 2 ALI μCi	Col. 3 Inhalation DAC μCi/ml	Col. 1 Air μCi/ml	Col. 2 Water μCi/ml	Monthly Average Concen- tration μCi/ml
19	Potassium-42	D, all compounds	5E+3	5E+3	2E-6	7E-9	6E-5	6E-4
19	Potassium-43	D, all compounds	6E+3	9E+3	4E-6	1E-8	9E-5	9E-4
19	Potassium-44 ²	D, all compounds	2E+4	7E+4	3E-5	9E-8	-	-
			St wall (4E+4)	-	-	-	5E-4	5E-3
19	Potassium-45 ²	D, all compounds	3E+4	1E+5	5E-5	2E-7	-	-
			St wall (5E+4)	-	-	-	7E-4	7E-3
20	Calcium-41	W, all compounds	3E+3	4E+3	2E-6	-	-	-
			Bone surf (4E+3)	Bone surf (4E+3)	-	5E-9	6E-5	6E-4
20	Calcium-45	W, all compounds	2E+3	8E+2	4E-7	1E-9	2E-5	2E-4
20	Calcium-47	W, all compounds	8E+2	9E+2	4E-7	1E-9	1E-5	1E-4
21	Scandium-43	Y, all compounds	7E+3	2E+4	9E-6	3E-8	1E-4	1E-3
21	Scandium-44m	Y, all compounds	5E+2	7E+2	3E-7	1E-9	7E-6	7E-5
21	Scandium-44	Y, all compounds	4E+3	1E+4	5E-6	2E-8	5E-5	5E-4
21	Scandium-46	Y, all compounds	9E+2	2E+2	1E-7	3E-10	1E-5	1E-4
21	Scandium-47	Y, all compounds	2E+3	3E+3	1E-6	4E-9	-	-
			LLI wall (3E+3)	-	-	-	4E-5	4E-4
21	Scandium-48	Y, all compounds	8E+2	1E+3	6E-7	2E-9	1E-5	1E-4
21	Scandium-49 ²	Y, all compounds	2E+4	5E+4	2E-5	8E-8	3E-4	3E-3
22	Titanium-44	D, all compounds except those given for W and Y	3E+2	1E+1	5E-9	2E-11	4E-6	4E-5
		W, oxides, hydroxides, carbides, halides, and nitrates	-	3E+1	1E-8	4E-11	-	-
		Y, SrTiO	-	6E+0	2E-9	8E-12	-	-
22	Titanium-45	D, see ⁴⁴ Ti	9E+3	3E+4	1E-5	3E-8	1E-4	1E-3
		W, see ⁴⁴ Ti	-	4E+4	1E-5	5E-8	-	-
		Y, see ⁴⁴ Ti	-	3E+4	1E-5	4E-8	-	-

Atomic No.	Radionuclide	Class	Table 1 Occupational Values			Table II Effluent Concentration		Table III Releases to Sewers
			Col. 1 Oral Ingestion ALI μCi	Col. 2 ALI μCi	Col. 3 Inhalation DAC μCi/ml	Col. 1 Air μCi/ml	Col. 2 Water μCi/ml	Monthly Average Concen- tration μCi/ml
23	Vanadium-472	D, all compounds except those given for W	3E+4	8E+4	3E-5	1E-7	-	-
			St wall (3E+4)	-	-	-	4E-4	4E-3
		W, oxides, hydroxides, carbides, and halides	-	1E+5	4E-5	1E-7	-	-
23	Vanadium-48	D, see ⁴⁷ V	6E+2	1E+3	5E-7	2E-9	9E-6	9E-5
		W, see ⁴⁷ V	-	6E+2	3E-7	9E-10	-	-
23	Vanadium-49	D, see ⁴⁷ V	7E+4	3E+4	1E-5	-	-	-
			LLI wall (9E+4)	Bone surf (3E+4)	-	5E-8	1E-3	1E-2
		W, see ⁴⁷ V	-	2E+4	8E-6	2E-8	-	-
24	Chromium-48	D, all compounds except those given for W and Y	6E+3	1E+4	5E-6	2E-8	8E-5	8E-4
		W, halides and nitrates	-	7E+3	3E-6	1E-8	-	-
		Y, oxides and hydroxides	-	7E+3	3E-6	1E-8	-	-
24	Chromium-49 ²	D, see ⁴⁸ Cr	3E+4	8E+4	4E-5	1E-7	4E-4	4E-3
		W, see ⁴⁸ Cr	-	1E+5	4E-5	1E-7	-	-
		Y, see ⁴⁸ Cr	-	9E+4	4E-5	1E-7	-	-
24	Chromium-51	D, see ⁴⁸ Cr	4E+4	5E+4	2E-5	6E-8	5E-4	5E-3
		W, see ⁴⁸ Cr	-	2E+4	1E-5	3E-8	-	-
		Y, see ⁴⁸ Cr	-	2E+4	8E-6	3E-8	-	-
25	Manganese-51 ²	D, all compounds except those given for W	2E+4	5E+4	2E-5	7E-8	3E-4	3E-3
		W, oxides, hydroxides, halides, and nitrates	-	6E+4	3E-5	8E-8	-	-
25	Manganese-52m ²	D, see ⁵¹ Mn	3E+4	9E+4	4E-5	1E-7	-	-
			St wall (4E+4)	-	-	-	5E-4	5E-3
		W, see ⁵¹ Mn	-	1E+5	4E-5	1E-7	-	-
25	Manganese-52	D, see ⁵¹ Mn	7E+2	1E+3	5E-7	2E-9	1E-5	1E-4
		W, see ⁵¹ Mn	-	9E+2	4E-7	1E-9	-	-
25	Manganese-53	D, see ⁵¹ Mn	5E+4	1E+4	5E-6	-	7E-4	7E-3
			-	Bone surf (2E+4)	-	3E-8	-	-
		W, see ⁵¹ Mn	-	1E+4	5E-6	2E-8	-	-
25	Manganese-54	D, see ⁵¹ Mn	2E+3	9E+2	4E-7	1E-9	3E-5	3E-4
		W, see ⁵¹ Mn	-	8E+2	3E-7	1E-9	-	-

Atomic No.	Radionuclide	Class	Table 1 Occupational Values			Table II Effluent Concentration		Table III Releases to Sewers
			Col. 1 Oral Ingestion ALI μCi	Col. 2 ALI μCi	Col. 3 Inhalation DAC μCi/ml	Col. 1 Air μCi/ml	Col. 2 Water μCi/ml	Monthly Average Concen- tration μCi/ml
25	Manganese-56	D, see ⁵¹ Mn	5E+3	2E+4	6E-6	2E-8	7E-5	7E-4
		W, see ⁵¹ Mn	-	2E+4	9E-6	3E-8	-	-
26	Iron-52	D, all compounds except those given for W	9E+2	3E+3	1E-6	4E-9	1E-5	1E-4
		W, oxides, hydroxides, and halides	-	2E+3	1E-6	3E-9	-	-
26	Iron-55	D, see ⁵² Fe	9E+3	2E+3	8E-7	3E-9	1E-4	1E-3
		W, see ⁵² Fe	-	4E+3	2E-6	6E-9	-	-
26	Iron-59	D, see ⁵² Fe	8E+2	3E+2	1E-7	5E-10	1E-5	1E-4
		W, see ⁵² Fe	-	5E+2	2E-7	7E-10	-	-
26	Iron-60	D, see ⁵² Fe	3E+1	6E+0	3E-9	9E-12	4E-7	4E-6
		W, see ⁵² Fe	-	2E+1	8E-9	3E-11	-	-
27	Cobalt-55	W, all compounds except those given for Y	1E+3	3E+3	1E-6	4E-9	2E-5	2E-4
		Y, oxides, hydroxides, halides, and nitrates	-	3E+3	1E-6	4E-9	-	-
27	Cobalt-56	W, see ⁵⁵ Co	5E+2	3E+2	1E-7	4E-10	6E-6	6E-5
		Y, see ⁵⁵ Co	4E+2	2E+2	8E-8	3E-10	-	-
27	Cobalt-57	W, see ⁵⁵ Co	8E+3	3E+3	1E-6	4E-9	6E-5	6E-4
		Y, see ⁵⁵ Co	4E+3	7E+2	3E-7	9E-10	-	-
27	Cobalt-58m	W, see ⁵⁵ Co	6E+4	9E+4	4E-5	1E-7	8E-4	8E-3
		Y, see ⁵⁵ Co	-	6E+4	3E-5	9E-8	-	-
27	Cobalt-58	W, see ⁵⁵ Co	2E+3	1E+3	5E-7	2E-9	2E-5	2E-4
		Y, see ⁵⁵ Co	1E+3	7E+2	3E-7	1E-9	-	-
27	Cobalt-60m ²	W, see ⁵⁵ Co	1E+6	4E+6	2E-3	6E-6	-	-
		St wall (1E+6)	-	-	-	-	2E-2	2E-1
		Y, see ⁵⁵ Co	-	3E+6	1E-3	4E-6	-	-
27	Cobalt-60	W, see ⁵⁵ Co	5E+2	2E+2	7E-8	2E-10	3E-6	3E-5
		Y, see ⁵⁵ Co	2E+2	3E+1	1E-8	5E-11	-	-
27	Cobalt-61 ²	W, see ⁵⁵ Co	2E+4	6E+4	3E-5	9E-8	3E-4	3E-3
		Y, see ⁵⁵ Co	2E+4	6E+4	2E-5	8E-8	-	-
27	Cobalt-62m ²	W, see ⁵⁵ Co	4E+4	2E+5	7E-5	2E-7	-	-
		St wall (5E+4)	-	-	-	-	7E-4	7E-3
		Y, see ⁵⁵ Co	-	2E+5	6E-5	2E-7	-	-

Atomic No.	Radionuclide	Class	Table 1 Occupational Values			Table II Effluent Concentration		Table III Releases to Sewers
			Col. 1 Oral Ingestion ALI μCi	Col. 2 ALI μCi	Col. 3 Inhalation DAC μCi/ml	Col. 1 Air μCi/ml	Col. 2 Water μCi/ml	Monthly Average Concen- tration μCi/ml
28	Nickel-56	D, all compounds except those given for W	1E+3	2E+3	8E-7	3E-9	2E-5	2E-4
		W, oxides, hydroxides, and carbides	-	1E+3	5E-7	2E-9	-	-
		Vapor	-	1E+3	5E-7	2E-9	-	-
28	Nickel-57	D, see ⁵⁶ Ni	2E+3	5E+3	2E-6	7E-9	2E-5	2E-4
		W, see ⁵⁶ Ni	-	3E+3	1E-6	4E-9	-	-
		Vapor	-	6E+3	3E-6	9E-9	-	-
28	Nickel-59	D, see ⁵⁶ Ni	2E+4	4E+3	2E-6	5E-9	3E-4	3E-3
		W, see ⁵⁶ Ni	-	7E+3	3E-6	1E-8	-	-
		Vapor	-	2E+3	8E-7	3E-9	-	-
28	Nickel-63	D, see ⁵⁶ Ni	9E+3	2E+3	7E-7	2E-9	1E-4	1E-3
		W, see ⁵⁶ Ni	-	3E+3	1E-6	4E-9	-	-
		Vapor	-	8E+2	3E-7	1E-9	-	-
28	Nickel-65	D, see ⁵⁶ Ni	8E+3	2E+4	1E-5	3E-8	1E-4	1E-3
		W, see ⁵⁶ Ni	-	3E+4	1E-5	4E-8	-	-
		Vapor	-	2E+4	7E-6	2E-8	-	-
28	Nickel-66	D, see ⁵⁶ Ni	4E+2	2E+3	7E-7	2E-9	-	-
		LLI wall (5E+2)	-	-	-	-	6E-6	6E-5
		W, see ⁵⁶ Ni	-	6E+2	3E-7	9E-10	-	-
		Vapor	-	3E+3	1E-6	4E-9	-	-
29	Copper-60 ²	D, all compounds except those given for W and Y	3E+4	9E+4	4E-5	1E-7	-	-
		St wall (3E+4)	-	-	-	-	4E-4	4E-3
		W, sulfides, halides, and nitrates	-	1E+5	5E-5	2E-7	-	-
		Y, oxides and hydroxides	-	1E+5	4E-5	1E-7	-	-
29	Copper-61	D, see ⁶⁰ Cu	1E+4	3E+4	1E-5	4E-8	2E-4	2E-3
		W, see ⁶⁰ Cu	-	4E+4	2E-5	6E-8	-	-
		Y, see ⁶⁰ Cu	-	4E+4	1E-5	5E-8	-	-
29	Copper-64	D, see ⁶⁰ Cu	1E+4	3E+4	1E-5	4E-8	2E-4	2E-3
		W, see ⁶⁰ Cu	-	2E+4	1E-5	3E-8	-	-
		Y, see ⁶⁰ Cu	-	2E+4	9E-6	3E-8	-	-
29	Copper-67	D, see ⁶⁰ Cu	5E+3	8E+3	3E-6	1E-8	6E-5	6E-4
		W, see ⁶⁰ Cu	-	5E+3	2E-6	7E-9	-	-
		Y, see ⁶⁰ Cu	-	5E+3	2E-6	6E-9	-	-

Atomic No.	Radionuclide	Class	Table 1 Occupational Values			Table II Effluent Concentration		Table III Releases to Sewers
			Col. 1 Oral Ingestion ALI μCi	Col. 2 ALI μCi	Col. 3 Inhalation DAC μCi/ml	Col. 1 Air μCi/ml	Col. 2 Water μCi/ml	Monthly Average Concen- tration μCi/ml
30	Zinc-62	Y, all compounds	1E+3	3E+3	1E-6	4E-9	2E-5	2E-4
30	Zinc-63 ²	Y, all compounds	2E+4	7E+4	3E-5	9E-8	-	-
			St wall (3E+4)	-	-	-	3E-4	3E-3
30	Zinc-65	Y, all compounds	4E+2	3E+2	1E-7	4E-10	5E-6	5E-5
30	Zinc-69m	Y, all compounds	4E+3	7E+3	3E-6	1E-8	6E-5	6E-4
30	Zinc-69 ²	Y, all compounds	6E+4	1E+5	6E-5	2E-7	8E-4	8E-3
30	Zinc-71m	Y, all compounds	6E+3	2E+4	7E-6	2E-8	8E-5	8E-4
30	Zinc-72	Y, all compounds	1E+3	1E+3	5E-7	2E-9	1E-5	1E-4
31	Gallium-65 ²	D, all compounds except those given for W	5E+4	2E+5	7E-5	2E-7	-	-
			St wall (6E+4)	-	-	-	9E-4	9E-3
		W, oxides, hydroxides, carbides, halides, and nitrates	-	2E+5	8E-5	3E-7	-	-
31	Gallium-66	D, see ⁶⁵ Ga	1E+3	4E+3	1E-6	5E-9	1E-5	1E-4
		W, see ⁶⁵ Ga	-	3E+3	1E-6	4E-9	-	-
31	Gallium-67	D, see ⁶⁵ Ga	7E+3	1E+4	6E-6	2E-8	1E-4	1E-3
		W, see ⁶⁵ Ga	-	1E+4	4E-6	1E-8	-	-
31	Gallium-68 ²	D, see ⁶⁵ Ga	2E+4	4E+4	2E-5	6E-8	2E-4	2E-3
		W, see ⁶⁵ Ga	-	5E+4	2E-5	7E-8	-	-
31	Gallium-70 ²	D, see ⁶⁵ Ga	5E+4	2E+5	7E-5	2E-7	-	-
			St wall (7E+4)	-	-	-	1E-3	1E-2
		W, see ⁶⁵ Ga	-	2E+5	8E-5	3E-7	-	-
31	Gallium-72	D, see ⁶⁵ Ga	1E+3	4E+3	1E-6	5E-9	2E-5	2E-4
		W, see ⁶⁵ Ga	-	3E+3	1E-6	4E-9	-	-
31	Gallium-73	D, see ⁶⁵ Ga	5E+3	2E+4	6E-6	2E-8	7E-5	7E-4
		W, see ⁶⁵ Ga	-	2E+4	6E-6	2E-8	-	-
32	Germanium-66	D, all compounds except those given for W	2E+4	3E+4	1E-5	4E-8	3E-4	3E-3
		W, oxides, sulfides, and halides	-	2E+4	8E-6	3E-8	-	-
32	Germanium-67 ²	D, see ⁶⁶ Ge	3E+4	9E+4	4E-5	1E-7	-	-
			St wall (4E+4)	-	-	-	6E-4	6E-3

Atomic No.	Radionuclide	Class	Table 1 Occupational Values			Table II Effluent Concentration		Table III Releases to Sewers
			Col. 1 Oral Ingestion ALI μCi	Col. 2 ALI μCi	Col. 3 Inhalation DAC μCi/ml	Col. 1 Air μCi/ml	Col. 2 Water μCi/ml	Monthly Average Concen- tration μCi/ml
		W, see ⁶⁶ Ge	-	1E+5	4E-5	1E-7	-	-
32	Germanium-68	D, see ⁶⁶ Ge	5E+3	4E+3	2E-6	5E-9	6E-5	6E-4
		W, see ⁶⁶ Ge	-	1E+2	4E-8	1E-10	-	-
32	Germanium-69	D, see ⁶⁶ Ge	1E+4	2E+4	6E-6	2E-8	2E-4	2E-3
		W, see ⁶⁶ Ge	-	8E+3	3E-6	1E-8	-	-
32	Germanium-71	D, see ⁶⁶ Ge	5E+5	4E+5	2E-4	6E-7	7E-3	7E-2
		W, see ⁶⁶ Ge	-	4E+4	2E-5	6E-8	-	-
32	Germanium-75 ²	D, see ⁶⁶ Ge	4E+4	8E+4	3E-5	1E-7	-	-
		St wall (7E+4)	-	-	-	-	9E-4	9E-3
		W, see ⁶⁶ Ge	-	8E+4	4E-5	1E-7	-	-
32	Germanium-77	D, see ⁶⁶ Ge	9E+3	1E+4	4E-6	1E-8	1E-4	1E-3
		W, see ⁶⁶ Ge	-	6E+3	2E-6	8E-9	-	-
32	Germanium-78 ²	D, see ⁶⁶ Ge	2E+4	2E+4	9E-6	3E-8	-	-
		St wall (2E+4)	-	-	-	-	3E-4	3E-3
		W, see ⁶⁶ Ge	-	2E+4	9E-6	3E-8	-	-
33	Arsenic-69 ²	W, all compounds	3E+4	1E+5	5E-5	2E-7	-	-
		St wall (4E+4)	-	-	-	-	6E-4	6E-3
33	Arsenic-70 ²	W, all compounds	1E+4	5E+4	2E-5	7E-8	2E-4	2E-3
33	Arsenic-71	W, all compounds	4E+3	5E+3	2E-6	6E-9	5E-5	5E-4
33	Arsenic-72	W, all compounds	9E+2	1E+3	6E-7	2E-9	1E-5	1E-4
33	Arsenic-73	W, all compounds	8E+3	2E+3	7E-7	2E-9	1E-4	1E-3
33	Arsenic-74	W, all compounds	1E+3	8E+2	3E-7	1E-9	2E-5	2E-4
33	Arsenic-76	W, all compounds	1E+3	1E+3	6E-7	2E-9	1E-5	1E-4
33	Arsenic-77	W, all compounds	4E+3	5E+3	2E-6	7E-9	-	-
		LLI wall (5E+3)	-	-	-	-	6E-5	6E-4
33	Arsenic-78 ²	W, all compounds	8E+3	2E+4	9E-6	3E-8	1E-4	1E-3
34	Selenium-70 ²	D, all compounds except those given for W	2E+4	4E+4	2E-5	5E-8	1E-4	1E-3
		W, oxides, hydroxides, carbides, and elemental Se	1E+4	4E+4	2E-5	6E-8	-	-

Atomic No.	Radionuclide	Class	Table 1 Occupational Values			Table II Effluent Concentration		Table III Releases to Sewers
			Col. 1 Oral Ingestion ALI μCi	Col. 2 ALI μCi	Col. 3 Inhalation DAC μCi/ml	Col. 1 Air μCi/ml	Col. 2 Water μCi/ml	Monthly Average Concen- tration μCi/ml
34	Selenium-73m ²	D, see ⁷⁰ Se	6E+4	2E+5	6E-5	2E-7	4E-4	4E-3
		W, see ⁷⁰ Se	3E+4	1E+5	6E-5	2E-7	-	-
34	Selenium-73	D, see ⁷⁰ Se	3E+3	1E+4	5E-6	2E-8	4E-5	4E-4
		W, see ⁷⁰ Se	-	2E+4	7E-6	2E-8	-	-
34	Selenium-75	D, see ⁷⁰ Se	5E+2	7E+2	3E-7	1E-9	7E-6	7E-5
		W, see ⁷⁰ Se	-	6E+2	3E-7	8E-10	-	-
34	Selenium-79	D, see ⁷⁰ Se	6E+2	8E+2	3E-7	1E-9	8E-6	8E-5
		W, see ⁷⁰ Se	-	6E+2	2E-7	8E-10	-	-
34	Selenium-81m ²	D, see ⁷⁰ Se	4E+4	7E+4	3E-5	9E-8	3E-4	3E-3
		W, see ⁷⁰ Se	2E+4	7E+4	3E-5	1E-7	-	-
34	Selenium-81 ²	D, see ⁷⁰ Se	6E+4	2E+5	9E-5	3E-7	-	-
		St wall (8E+4)	-	-	-	-	1E-3	1E-2
		W, see ⁷⁰ Se	-	2E+5	1E-4	3E-7	-	-
34	Selenium-83 ²	D, see ⁷⁰ Se	4E+4	1E+5	5E-5	2E-7	4E-4	4E-3
		W, see ⁷⁰ Se	3E+4	1E+5	5E-5	2E-7	-	-
35	Bromine-74m ²	D, bromides of H, Li, Na, K, Rb, Cs, and Fr	1E+4	4E+4	2E-5	5E-8	-	-
		St wall (2E+4)	-	-	-	-	3E-4	3E-3
		W, bromides of lantha- nides, Be, Mg, Ca, Sr, Ba, Ra, Al, Ga, In, Tl, Ge, Sn, Pb, As, Sb, Bi, Fe, Ru, Os, Co, Rh, Ir, Ni, Pd, Pt, Cu, Ag, Au, Zn, Cd, Hg, Sc, Y, Ti, Zr, Hf, V, Nb, Ta, Mn, Tc, and Re	-	4E+4	2E-5	6E-8	-	-
35	Bromine-74 ²	D, see ^{74m} Br	2E+4	7E+4	3E-5	1E-7	-	-
		St wall (4E+4)	-	-	-	-	5E-45E- 3	-
		W, see ^{74m} Br	-	8E+4	4E-5	1E-7	-	-
35	Bromine-75 ²	D, see ^{74m} Br	3E+4	5E+4	2E-5	7E-8	-	-
		St wall (4E+4)	-	-	-	-	5E-4	5E-3
		W, see ^{74m} Br	-	5E+4	2E-5	7E-8	-	-
35	Bromine-76	D, see ^{74m} Br	4E+3	5E+3	2E-6	7E-9	5E-5	5E-4
		W, see ^{74m} Br	-	4E+3	2E-6	6E-9	-	-

Atomic No.	Radionuclide	Class	Table 1 Occupational Values			Table II Effluent Concentration		Table III Releases to Sewers
			Col. 1 Oral Ingestion ALI μCi	Col. 2 ALI μCi	Col. 3 DAC μCi/ml	Col. 1 Air μCi/ml	Col. 2 Water μCi/ml	Monthly Average Concen- tration μCi/ml
35	Bromine-77	D, see ^{74m} Br	2E+4	2E+4	1E-5	3E-8	2E-4	2E-3
		W, see ^{74m} Br	-	2E+4	8E-6	3E-8	-	-
35	Bromine-80m	D, see ^{74m} Br	2E+4	2E+4	7E-6	2E-8	3E-4	3E-3
		W, see ^{74m} Br	-	1E+4	6E-6	2E-8	-	-
35	Bromine-80 ²	D, see ^{74m} Br	5E+4	2E+5	8E-5	3E-7	-	-
		St wall (9E+4)	-	-	-	-	1E-3	1E-2
		W, see ^{74m} Br	-	2E+5	9E-5	3E-7	-	-
35	Bromine-82	D, see ^{74m} Br	3E+3	4E+3	2E-6	6E-9	4E-5	4E-4
		W, see ^{74m} Br	-	4E+3	2E-6	5E-9	-	-
35	Bromine-83	D, see ^{74m} Br	5E+4	6E+4	3E-5	9E-8	-	-
		St wall (7E+4)	-	-	-	-	9E-4	9E-3
		W, see ^{74m} Br	-	6E+4	3E-5	9E-8	-	-
35	Bromine-84 ²	D, see ^{74m} Br	2E+4	6E+4	2E-5	8E-8	-	-
		St wall (3E+4)	-	-	-	-	4E-4	4E-3
		W, see ^{74m} Br	-	6E+4	3E-5	9E-8	-	-
36	Krypton-74 ²	Submersion ¹	-	-	3E-6	1E-8	-	-
36	Krypton-76	Submersion ¹	-	-	9E-6	4E-8	-	-
36	Krypton-77 ²	Submersion ¹	-	-	4E-6	2E-8	-	-
36	Krypton-79	Submersion ¹	-	-	2E-5	7E-8	-	-
36	Krypton-81	Submersion ¹	-	-	7E-4	3E-6	-	-
36	Krypton-83m ²	Submersion ¹	-	-	1E-2	5E-5	-	-
36	Krypton-85m	Submersion ¹	-	-	2E-5	1E-7	-	-
36	Krypton-85	Submersion ¹	-	-	1E-4	7E-7	-	-
36	Krypton-87 ²	Submersion ¹	-	-	5E-6	2E-8	-	-
36	Krypton-88	Submersion ¹	-	-	2E-6	9E-9	-	-
37	Rubidium-79 ²	D, all compounds	4E+4	1E+5	5E-5	2E-7	-	-
		St wall (6E+4)	-	-	-	-	8E-4	8E-3

Atomic No.	Radionuclide	Class	Table 1 Occupational Values			Table II Effluent Concentration		Table III Releases to Sewers
			Col. 1 Oral Ingestion ALI μCi	Col. 2 ALI μCi	Col. 3 Inhalation DAC μCi/ml	Col. 1 Air μCi/ml	Col. 2 Water μCi/ml	Monthly Average Concen- tration μCi/ml
37	Rubidium-81m ²	D, all compounds	2E+5	3E+5	1E-4	5E-7	-	-
			St wall (3E+5)	-	-	-	4E-3	4E-2
37	Rubidium-81	D, all compounds	4E+4	5E+4	2E-5	7E-8	5E-4	5E-3
37	Rubidium-82m	D, all compounds	1E+4	2E+4	7E-6	2E-8	2E-4	2E-3
37	Rubidium-83	D, all compounds	6E+2	1E+3	4E-7	1E-9	9E-6	9E-5
37	Rubidium-84	D, all compounds	5E+2	8E+2	3E-7	1E-9	7E-6	7E-5
37	Rubidium-86	D, all compounds	5E+2	8E+2	3E-7	1E-9	7E-6	7E-5
37	Rubidium-87	D, all compounds	1E+3	2E+3	6E-7	2E-9	1E-5	1E-4
37	Rubidium-88 ²	D, all compounds	2E+4	6E+4	3E-5	9E-8	-	-
			St wall (3E+4)	-	-	-	4E-4	4E-3
37	Rubidium-89 ²	D, all compounds	4E+4	1E+5	6E-5	2E-7	-	-
			St wall (6E+4)	-	-	-	9E-4	9E-3
38	Strontium-80 ²	D, all soluble compounds except SrTiO	4E+3	1E+4	5E-6	2E-8	6E-5	6E-4
		Y, all insoluble com- pounds and SrTiO	-	1E+4	5E-6	2E-8	-	-
38	Strontium-81 ²	D, see ⁸⁰ Sr	3E+4	8E+4	3E-5	1E-7	3E-4	3E-3
		Y, see ⁸⁰ Sr	2E+4	8E+4	3E-5	1E-7	-	-
38	Strontium-82	D, see ⁸⁰ Sr	3E+2	4E+2	2E-7	6E-10	-	-
			LLI wall (2E+2)	-	-	-	3E-6	3E-5
		Y, see ⁸⁰ Sr	2E+2	9E+1	4E-8	1E-10	-	-
38	Strontium-83	D, see ⁸⁰ Sr	3E+3	7E+3	3E-6	1E-8	3E-5	3E-4
		Y, see ⁸⁰ Sr	2E+3	4E+3	1E-6	5E-9	-	-
38	Strontium-85m ²	D, see ⁸⁰ Sr	2E+5	6E+5	3E-4	9E-7	3E-3	3E-2
		Y, see ⁸⁰ Sr	-	8E+5	4E-4	1E-6	-	-
38	Strontium-85	D, see ⁸⁰ Sr	3E+3	3E+3	1E-6	4E-9	4E-5	4E-4
		Y, see ⁸⁰ Sr	-	2E+3	6E-7	2E-9	-	-
38	Strontium-87m	D, see ⁸⁰ Sr	5E+4	1E+5	5E-5	2E-7	6E-4	6E-3
		Y, see ⁸⁰ Sr	4E+4	2E+5	6E-5	2E-7	-	-

Atomic No.	Radionuclide	Class	Table 1 Occupational Values			Table II Effluent Concentration		Table III Releases to Sewers
			Col. 1 Oral Ingestion ALI μCi	Col. 2 ALI μCi	Col. 3 Inhalation DAC μCi/ml	Col. 1 Air μCi/ml	Col. 2 Water μCi/ml	Monthly Average Concen- tration μCi/ml
38	Strontium-89	D, see ⁸⁰ Sr	6E+2	8E+2	4E-7	1E-9	-	-
			LLI wall (6E+2)	-	-	-	8E-6	8E-5
		Y, see ⁸⁰ Sr	5E+2	1E+2	6E-8	2E-10	-	-
38	Strontium-90	D, see ⁸⁰ Sr	3E+1	2E+1	8E-9	-	-	-
			Bone surf (4E+1)	Bone surf (2E+1)	-	3E-11	5E-7	5E-6
		Y, see ⁸⁰ Sr	-	4E+0	2E-9	6E-12	-	-
38	Strontium-91	D, see ⁸⁰ Sr	2E+3	6E+3	2E-6	8E-9	2E-5	2E-4
		Y, see ⁸⁰ Sr	-	4E+3	1E-6	5E-9	-	-
38	Strontium-92	D, see ⁸⁰ Sr	3E+3	9E+3	4E-6	1E-8	4E-5	4E-4
		Y, see ⁸⁰ Sr	-	7E+3	3E-6	9E-9	-	-
39	Yttrium-86m ²	W, all compounds except those given for Y	2E+4	6E+4	2E-5	8E-8	3E-4	3E-3
		Y, oxides and hydroxides	-	5E+4	2E-5	8E-8	-	-
39	Yttrium-86	W, see ^{86m} Y	1E+3	3E+3	1E-6	5E-9	2E-5	2E-4
		Y, see ^{86m} Y	-	3E+3	1E-6	5E-9	-	-
39	Yttrium-87	W, see ^{86m} Y	2E+3	3E+3	1E-6	5E-9	3E-5	3E-4
		Y, see ^{86m} Y	-	3E+3	1E-6	5E-9	-	-
39	Yttrium-88	W, see ^{86m} Y	1E+3	3E+2	1E-7	3E-10	1E-5	1E-4
		Y, see ^{86m} Y	-	2E+2	1E-7	3E-10	-	-
39	Yttrium-90m	W, see ^{86m} Y	8E+3	1E+4	5E-6	2E-8	1E-4	1E-3
		Y, see ^{86m} Y	-	1E+4	5E-6	2E-8	-	-
39	Yttrium-90	W, see ^{86m} Y	4E+2	7E+2	3E-7	9E-10	-	-
			LLI wall (5E+2)	-	-	-	7E-6	7E-5
		Y, see ^{86m} Y	-	6E+2	3E-7	9E-10	-	-
39	Yttrium-91m ²	W, see ^{86m} Y	1E+5	2E+5	1E-4	3E-7	2E-3	2E-2
		Y, see ^{86m} Y	-	2E+5	7E-5	2E-7	-	-
39	Yttrium-91	W, see ^{86m} Y	5E+2	2E+2	7E-8	2E-10	-	-
			LLI wall (6E+2)	-	-	-	8E-6	8E-5
		Y, see ^{86m} Y	-	1E+2	5E-8	2E-10	-	-
39	Yttrium-92	W, see ^{86m} Y	3E+3	9E+3	4E-6	1E-8	4E-5	4E-4
		Y, see ^{86m} Y	-	8E+3	3E-6	1E-8	-	-

Atomic No.	Radionuclide	Class	Table 1 Occupational Values			Table II Effluent Concentration		Table III Releases to Sewers
			Col. 1 Oral Ingestion ALI μCi	Col. 2 ALI μCi	Col. 3 Inhalation DAC μCi/ml	Col. 1 Air μCi/ml	Col. 2 Water μCi/ml	Monthly Average Concen- tration μCi/ml
39	Yttrium-93	W, see ^{86m} Y	1E+3	3E+3	1E-6	4E-9	2E-5	2E-4
		Y, see ^{86m} Y	-	2E+3	1E-6	3E-9	-	-
39	Yttrium-94 ²	W, see ^{86m} Y	2E+4	8E+4	3E-5	1E-7	-	-
		St wall (3E+4)	-	-	-	-	4E-4	4E-3
		Y, see ^{86m} Y	-	8E+4	3E-5	1E-7	-	-
39	Yttrium-95 ²	W, see ^{86m} Y	4E+4	2E+5	6E-5	2E-7	-	-
		St wall (5E+4)	-	-	-	-	7E-4	7E-3
		Y, see ^{86m} Y	-	1E+5	6E-5	2E-7	-	-
40	Zirconium-86	D, all compounds except those given for W and Y	1E+3	4E+3	2E-6	6E-9	2E-5	2E-4
		W, oxides, hydroxides, halides, and nitrates	-	3E+3	1E-6	4E-9	-	-
		Y, carbide	-	2E+3	1E-6	3E-9	-	-
40	Zirconium-88	D, see ⁸⁶ Zr	4E+3	2E+2	9E-8	3E-10	5E-5	5E-4
		W, see ⁸⁶ Zr	-	5E+2	2E-7	7E-10	-	-
		Y, see ⁸⁶ Zr	-	3E+2	1E-7	4E-10	-	-
40	Zirconium-89	D, see ⁸⁶ Zr	2E+3	4E+3	1E-6	5E-9	2E-5	2E-4
		W, see ⁸⁶ Zr	-	2E+3	1E-6	3E-9	-	-
		Y, see ⁸⁶ Zr	-	2E+3	1E-6	3E-9	-	-
40	Zirconium-93	D, see ⁸⁶ Zr	1E+3	6E+0	3E-9	-	-	-
		Bone surf (3E+3)	-	Bone surf (2E+1)	-	2E-11	4E-5	4E-4
		W, see ⁸⁶ Zr	-	2E+1	1E-8	-	-	-
		Bone surf (6E+1)	-	Bone surf (6E+1)	-	9E-11	-	-
		Y, see ⁸⁶ Zr	-	6E+1	2E-8	-	-	-
		Bone surf (7E+1)	-	Bone surf (7E+1)	-	9E-11	-	-
40	Zirconium-95	D, see ⁸⁶ Zr	1E+3	1E+2	5E-8	-	2E-5	2E-4
		Bone surf (3E+2)	-	Bone surf (3E+2)	-	4E-10	-	-
		W, see ⁸⁶ Zr	-	4E+2	2E-7	5E-10	-	-
		Y, see ⁸⁶ Zr	-	3E+2	1E-7	4E-10	-	-
40	Zirconium-97	D, see ⁸⁶ Zr	6E+2	2E+3	8E-7	3E-9	9E-6	9E-5
		W, see ⁸⁶ Zr	-	1E+3	6E-7	2E-9	-	-
		Y, see ⁸⁶ Zr	-	1E+3	5E-7	2E-9	-	-

Atomic No.	Radionuclide	Class	Table 1 Occupational Values			Table II Effluent Concentration		Table III Releases to Sewers
			Col. 1 Oral Ingestion ALI μCi	Col. 2 ALI μCi	Col. 3 Inhalation DAC μCi/ml	Col. 1 Air μCi/ml	Col. 2 Water μCi/ml	Monthly Average Concen- tration μCi/ml
41	Niobium-88 ²	W, all compounds except those given for Y	5E+4	2E+5	9E-5	3E-7	-	-
			St wall (7E+4)	-	-	-	1E-3	1E-2
		Y, oxides and hydroxides	-	2E+5	9E-5	3E-7	-	-
41	Niobium-89 ² (66 min)	W, see ⁸⁸ Nb	1E+4	4E+4	2E-5	6E-8	1E-4	1E-3
		Y, see ⁸⁸ Nb	-	4E+4	2E-5	5E-8	-	-
41	Niobium-89 (122 min)	W, see ⁸⁸ Nb	5E+3	2E+4	8E-6	3E-8	7E-5	7E-4
		Y, see ⁸⁸ Nb	-	2E+4	6E-6	2E-8	-	-
41	Niobium-90	W, see ⁸⁸ Nb	1E+3	3E+3	1E-6	4E-9	1E-5	1E-4
		Y, see ⁸⁸ Nb	-	2E+3	1E-6	3E-9	-	-
41	Niobium-93m	W, see ⁸⁸ Nb	9E+3	2E+3	8E-7	3E-9	-	-
			LLI wall (1E+4)	-	-	-	2E-4	2E-3
		Y, see ⁸⁸ Nb	-	2E+2	7E-8	2E-10	-	-
41	Niobium-94	W, see ⁸⁸ Nb	9E+2	2E+2	8E-8	3E-10	1E-5	1E-4
		Y, see ⁸⁸ Nb	-	2E+1	6E-9	2E-11	-	-
41	Niobium-95m	W, see ⁸⁸ Nb	2E+3	3E+3	1E-6	4E-9	-	-
			LLI wall (2E+3)	-	-	-	3E-5	3E-4
		Y, see ⁸⁸ Nb	-	2E+3	9E-7	3E-9	-	-
41	Niobium-95	W, see ⁸⁸ Nb	2E+3	1E+3	5E-7	2E-9	3E-5	3E-4
		Y, see ⁸⁸ Nb	-	1E+3	5E-7	2E-9	-	-
41	Niobium-96	W, see ⁸⁸ Nb	1E+3	3E+3	1E-6	4E-9	2E-5	2E-4
		Y, see ⁸⁸ Nb	-	2E+3	1E-6	3E-9	-	-
41	Niobium-97 ²	W, see ⁸⁸ Nb	2E+4	8E+4	3E-5	1E-7	3E-4	3E-3
		Y, see ⁸⁸ Nb	-	7E+4	3E-5	1E-7	-	-
41	Niobium-98 ²	W, see ⁸⁸ Nb	1E+4	5E+4	2E-5	8E-8	2E-4	2E-3
		Y, see ⁸⁸ Nb	-	5E+4	2E-5	7E-8	-	-
42	Molybdenum-90	D, all compounds except those given for Y	4E+3	7E+3	3E-6	1E-8	3E-5	3E-4
		Y, oxides, hydroxides, and MoS	2E+3	5E+3	2E-6	6E-9	-	-
42	Molybdenum-93m	D, see ⁹⁰ Mo	9E+3	2E+4	7E-6	2E-8	6E-5	6E-4
		Y, see ⁹⁰ Mo	4E+3	1E+4	6E-6	2E-8	-	-

Atomic No.	Radionuclide	Class	Table 1 Occupational Values			Table II Effluent Concentration		Table III Releases to Sewers
			Col. 1 Oral Ingestion ALI μCi	Col. 2 ALI μCi	Col. 3 Inhalation DAC μCi/ml	Col. 1 Air μCi/ml	Col. 2 Water μCi/ml	Monthly Average Concen- tration μCi/ml
42	Molybdenum-93	D, see ⁹⁰ Mo	4E+3	5E+3	2E-6	8E-9	5E-5	5E-4
		Y, see ⁹⁰ Mo	2E+4	2E+2	8E-8	2E-10	-	-
42	Molybdenum-99	D, see ⁹⁰ Mo	2E+3	3E+3	1E-6	4E-9	-	-
		LLI wall (1E+3)	-	-	-	-	2E-5	2E-4
		Y, see ⁹⁰ Mo	1E+3	1E+3	6E-7	2E-9	-	-
42	Molybdenum-101 ²	D, see ⁹⁰ Mo	4E+4	1E+5	6E-5	2E-7	-	-
		St wall (5E+4)	-	-	-	-	7E-4	7E-3
		Y, see ⁹⁰ Mo	-	1E+5	6E-5	2E-7	-	-
43	Technetium-93m ²	D, all compounds except those given for W	7E+4	2E+5	6E-5	2E-7	1E-3	1E-2
		W, oxides, hydroxides, halides, and nitrates	-	3E+5	1E-4	4E-7	-	-
43	Technetium-93	D, see ^{93m} Tc	3E+4	7E+4	3E-5	1E-7	4E-4	4E-3
		W, see ^{93m} Tc	-	1E+5	4E-5	1E-7	-	-
43	Technetium-94m ²	D, see ^{93m} Tc	2E+4	4E+4	2E-5	6E-8	3E-4	3E-3
		W, see ^{93m} Tc	-	6E+4	2E-5	8E-8	-	-
43	Technetium-94	D, see ^{93m} Tc	9E+3	2E+4	8E-6	3E-8	1E-4	1E-3
		W, see ^{93m} Tc	-	2E+4	1E-5	3E-8	-	-
43	Technetium-95m	D, see ^{93m} Tc	4E+3	5E+3	2E-6	8E-9	5E-5	5E-4
		W, see ^{93m} Tc	-	2E+3	8E-7	3E-9	-	-
43	Technetium-95	D, see ^{93m} Tc	1E+4	2E+4	9E-6	3E-8	1E-4	1E-3
		W, see ^{93m} Tc	-	2E+4	8E-6	3E-8	-	-
43	Technetium-96m ²	D, see ^{93m} Tc	2E+5	3E+5	1E-4	4E-7	2E-3	2E-2
		W, see ^{93m} Tc	-	2E+5	1E-4	3E-7	-	-
43	Technetium-96	D, see ^{93m} Tc	2E+3	3E+3	1E-6	5E-9	3E-5	3E-4
		W, see ^{93m} Tc	-	2E+3	9E-7	3E-9	-	-
43	Technetium-97m	D, see ^{93m} Tc	5E+3	7E+3	3E-6	-	6E-5	6E-4
		St wall (7E+3)	-	-	-	1E-8	-	-
		W, see ^{93m} Tc	-	1E+3	5E-7	2E-9	-	-
43	Technetium-97	D, see ^{93m} Tc	4E+4	5E+4	2E-5	7E-8	5E-4	5E-3
		W, see ^{93m} Tc	-	6E+3	2E-6	8E-9	-	-

Atomic No.	Radionuclide	Class	Table 1 Occupational Values			Table II Effluent Concentration		Table III Releases to Sewers
			Col. 1	Col. 2	Col. 3	Col. 1	Col. 2	Monthly Average Concen- tration
			Oral Ingestion	Inhalation		Air $\mu\text{Ci/ml}$	Water $\mu\text{Ci/ml}$	$\mu\text{Ci/ml}$
			ALI μCi	ALI μCi	DAC $\mu\text{Ci/ml}$			
43	Technetium-98	D, see ^{93m}Tc	1E+3	2E+3	7E-7	2E-9	1E-5	1E-4
		W, see ^{93m}Tc	-	3E+2	1E-7	4E-10	-	-
43	Technetium-99m	D, see ^{93m}Tc	8E+4	2E+5	6E-5	2E-7	1E-3	1E-2
		W, see ^{93m}Tc	-	2E+5	1E-4	3E-7	-	-
43	Technetium-99	D, see ^{93m}Tc	4E+3	5E+3	2E-6	-	6E-5	6E-4
			-	St wall (6E+3)	-	8E-9	-	-
		W, see ^{93m}Tc	-	7E+2	3E-7	9E-10	-	-
43	Technetium-101 ²	D, see ^{93m}Tc	9E+4	3E+5	1E-4	5E-7	-	-
			St wall (1E+5)	-	-	-	2E-3	2E-2
		W, see ^{93m}Tc	-	4E+5	2E-4	5E-7	-	-
43	Technetium-104 ²	D, see ^{93m}Tc	2E+4	7E+4	3E-5	1E-7	-	-
			St wall (3E+4)	-	-	-	4E-4	4E-3
		W, see ^{93m}Tc	-	9E+4	4E-5	1E-7	-	-
44	Ruthenium-94 ²	D, all compounds except those given for W and Y	2E+4	4E+4	2E-5	6E-8	2E-4	2E-3
		W, halides	-	6E+4	3E-5	9E-8	-	-
		Y, oxides and hydroxides	-	6E+4	2E-5	8E-8	-	-
44	Ruthenium-97	D, see ^{94}Ru	8E+3	2E+4	8E-6	3E-8	1E-4	1E-3
		W, see ^{94}Ru	-	1E+4	5E-6	2E-8	-	-
		Y, see ^{94}Ru	-	1E+4	5E-6	2E-8	-	-
44	Ruthenium-103	D, see ^{94}Ru	2E+3	2E+3	7E-7	2E-9	3E-5	3E-4
		W, see ^{94}Ru	-	1E+3	4E-7	1E-9	-	-
		Y, see ^{94}Ru	-	6E+2	3E-7	9E-10	-	-
44	Ruthenium-105	D, see ^{94}Ru	5E+3	1E+4	6E-6	2E-8	7E-5	7E-4
		W, see ^{94}Ru	-	1E+4	6E-6	2E-8	-	-
		Y, see ^{94}Ru	-	1E+4	5E-6	2E-8	-	-
44	Ruthenium-106	D, see ^{94}Ru	2E+2	9E+1	4E-8	1E-10	-	-
			LLI wall (2E+2)	-	-	-	3E-6	3E-5
		W, see ^{94}Ru	-	5E+1	2E-8	8E-11	-	-
		Y, see ^{94}Ru	-	1E+1	5E-9	2E-11	-	-
45	Rhodium-99m	D, all compounds except those given for W and Y	2E+4	6E+4	2E-5	8E-8	2E-4	2E-3
		W, halides	-	8E+4	3E-5	1E-7	-	-
		Y, oxides and hydroxides	-	7E+4	3E-5	9E-8	-	-

Atomic No.	Radionuclide	Class	Table 1 Occupational Values			Table II Effluent Concentration		Table III Releases to Sewers
			Col. 1 Oral Ingestion ALI μCi	Col. 2 ALI μCi	Col. 3 Inhalation DAC μCi/ml	Col. 1 Air μCi/ml	Col. 2 Water μCi/ml	Monthly Average Concen- tration μCi/ml
45	Rhodium-99	D, see ^{99m} Rh	2E+3	3E+3	1E-6	4E-9	3E-5	3E-4
		W, see ^{99m} Rh	-	2E+3	9E-7	3E-9	-	-
		Y, see ^{99m} Rh	-	2E+3	8E-7	3E-9	-	-
45	Rhodium-100	D, see ^{99m} Rh	2E+3	5E+3	2E-6	7E-9	2E-5	2E-4
		W, see ^{99m} Rh	-	4E+3	2E-6	6E-9	-	-
		Y, see ^{99m} Rh	-	4E+3	2E-6	5E-9	-	-
45	Rhodium-101m	D, see ^{99m} Rh	6E+3	1E+4	5E-6	2E-8	8E-5	8E-4
		W, see ^{99m} Rh	-	8E+3	4E-6	1E-8	-	-
		Y, see ^{99m} Rh	-	8E+3	3E-6	1E-8	-	-
45	Rhodium-101	D, see ^{99m} Rh	2E+3	5E+2	2E-7	7E-10	3E-5	3E-4
		W, see ^{99m} Rh	-	8E+2	3E-7	1E-9	-	-
		Y, see ^{99m} Rh	-	2E+2	6E-8	2E-10	-	-
45	Rhodium-102m	D, see ^{99m} Rh	1E+3	5E+2	2E-7	7E-10	-	-
		LLI wall (1E+3)	-	-	-	-	2E-5	2E-4
		W, see ^{99m} Rh	-	4E+2	2E-7	5E-10	-	-
45	Rhodium-102	D, see ^{99m} Rh	6E+2	9E+1	4E-8	1E-10	8E-6	8E-5
		W, see ^{99m} Rh	-	2E+2	7E-8	2E-10	-	-
		Y, see ^{99m} Rh	-	6E+1	2E-8	8E-11	-	-
45	Rhodium-103m ²	D, see ^{99m} Rh	4E+5	1E+6	5E-4	2E-6	6E-3	6E-2
		W, see ^{99m} Rh	-	1E+6	5E-4	2E-6	-	-
		Y, see ^{99m} Rh	-	1E+6	5E-4	2E-6	-	-
45	Rhodium-105	D, see ^{99m} Rh	4E+3	1E+4	5E-6	2E-8	-	-
		LLI wall (4E+3)	-	-	-	-	5E-5	5E-4
		W, see ^{99m} Rh	-	6E+3	3E-6	9E-9	-	-
45	Rhodium-106m	D, see ^{99m} Rh	8E+3	3E+4	1E-5	4E-8	1E-4	1E-3
		W, see ^{99m} Rh	-	4E+4	2E-5	5E-8	-	-
		Y, see ^{99m} Rh	-	4E+4	1E-5	5E-8	-	-
45	Rhodium-107 ²	D, see ^{99m} Rh	7E+4	2E+5	1E-4	3E-7	-	-
		St wall (9E+4)	-	-	-	-	1E-3	1E-2
		W, see ^{99m} Rh	-	3E+5	1E-4	4E-7	-	-
45	Rhodium-107 ²	D, see ^{99m} Rh	7E+4	2E+5	1E-4	3E-7	-	-
		St wall (9E+4)	-	-	-	-	1E-3	1E-2
		W, see ^{99m} Rh	-	3E+5	1E-4	4E-7	-	-
45	Rhodium-107 ²	D, see ^{99m} Rh	7E+4	2E+5	1E-4	3E-7	-	-
		St wall (9E+4)	-	-	-	-	1E-3	1E-2
		W, see ^{99m} Rh	-	3E+5	1E-4	4E-7	-	-

Atomic No.	Radionuclide	Class	Table 1 Occupational Values			Table II Effluent Concentration		Table III Releases to Sewers
			Col. 1 Oral Ingestion ALI μCi	Col. 2 ALI μCi	Col. 3 Inhalation DAC μCi/ml	Col. 1 Air μCi/ml	Col. 2 Water μCi/ml	Monthly Average Concen- tration μCi/ml
46	Palladium-100	D, all compounds except those given for W and Y	1E+3	1E+3	6E-7	2E-9	2E-5	2E-4
		W, nitrates	-	1E+3	5E-7	2E-9	-	-
		Y, oxides and hydroxides	-	1E+3	6E-7	2E-9	-	-
46	Palladium-101	D, see ¹⁰⁰ Pd	1E+4	3E+4	1E-5	5E-8	2E-4	2E-3
		W, see ¹⁰⁰ Pd	-	3E+4	1E-5	5E-8	-	-
		Y, see ¹⁰⁰ Pd	-	3E+4	1E-5	4E-8	-	-
46	Palladium-103	D, see ¹⁰⁰ Pd	6E+3	6E+3	3E-6	9E-9	-	-
		LLI wall (7E+3)	-	-	-	-	1E-4	1E-3
		W, see ¹⁰⁰ Pd	-	4E+3	2E-6	6E-9	-	-
		Y, see ¹⁰⁰ Pd	-	4E+3	1E-6	5E-9	-	-
46	Palladium-107	D, see ¹⁰⁰ Pd	3E+4	2E+4	9E-6	-	-	-
		LLI wall (4E+4)	-	Kidneys (2E+4)	-	3E-8	5E-4	5E-3
		W, see ¹⁰⁰ Pd	-	7E+3	3E-6	1E-8	-	-
		Y, see ¹⁰⁰ Pd	-	4E+2	2E-7	6E-10	-	-
46	Palladium-109	D, see ¹⁰⁰ Pd	2E+3	6E+3	3E-6	9E-9	3E-5	3E-4
		W, see ¹⁰⁰ Pd	-	5E+3	2E-6	8E-9	-	-
		Y, see ¹⁰⁰ Pd	-	5E+3	2E-6	6E-9	-	-
47	Silver-102 ²	D, all compounds except those given for W and Y	5E+4	2E+5	8E-5	2E-7	-	-
		St wall (6E+4)	-	-	-	-	9E-4	9E-3
		W, nitrates and sulfides	-	2E+5	9E-5	3E-7	-	-
		Y, oxides and hydroxides	-	2E+5	8E-5	3E-7	-	-
47	Silver-103 ²	D, see ¹⁰² Ag	4E+4	1E+5	4E-5	1E-7	5E-4	5E-3
		W, see ¹⁰² Ag	-	1E+5	5E-5	2E-7	-	-
		Y, see ¹⁰² Ag	-	1E+5	5E-5	2E-7	-	-
47	Silver-104m ²	D, see ¹⁰² Ag	3E+4	9E+4	4E-5	1E-7	4E-4	4E-3
		W, see ¹⁰² Ag	-	1E+5	5E-5	2E-7	-	-
		Y, see ¹⁰² Ag	-	1E+5	5E-5	2E-7	-	-
47	Silver-104 ²	D, see ¹⁰² Ag	2E+4	7E+4	3E-5	1E-7	3E-4	3E-3
		W, see ¹⁰² Ag	-	1E+5	6E-5	2E-7	-	-
		Y, see ¹⁰² Ag	-	1E+5	6E-5	2E-7	-	-
47	Silver-105	D, see ¹⁰² Ag	3E+3	1E+3	4E-7	1E-9	4E-5	4E-4
		W, see ¹⁰² Ag	-	2E+3	7E-7	2E-9	-	-
		Y, see ¹⁰² Ag	-	2E+3	7E-7	2E-9	-	-

Atomic No.	Radionuclide	Class	Table 1 Occupational Values			Table II Effluent Concentration		Table III Releases to Sewers
			Col. 1 Oral Ingestion ALI μCi	Col. 2 ALI μCi	Col. 3 Inhalation DAC μCi/ml	Col. 1 Air μCi/ml	Col. 2 Water μCi/ml	Monthly Average Concen- tration μCi/ml
47	Silver-106m	D, see ¹⁰² Ag	8E+2	7E+2	3E-7	1E-9	1E-5	1E-4
		W, see ¹⁰² Ag	-	9E+2	4E-7	1E-9	-	-
		Y, see ¹⁰² Ag	-	9E+2	4E-7	1E-9	-	-
47	Silver-106 ²	D, see ¹⁰² Ag	6E+4	2E+5	8E-5	3E-7	-	-
		St. wall (6E+4)	-	-	-	-	9E-4	9E-3
		W, see ¹⁰² Ag	-	2E+5	9E-5	3E-7	-	-
		Y, see ¹⁰² Ag	-	2E+5	8E-5	3E-7	-	-
47	Silver-108m	D, see ¹⁰² Ag	6E+2	2E+2	8E-8	3E-10	9E-6	9E-5
		W, see ¹⁰² Ag	-	3E+2	1E-7	4E-10	-	-
		Y, see ¹⁰² Ag	-	2E+1	1E-8	3E-11	-	-
47	Silver-110m	D, see ¹⁰² Ag	5E+2	1E+2	5E-8	2E-10	6E-6	6E-5
		W, see ¹⁰² Ag	-	2E+2	8E-8	3E-10	-	-
		Y, see ¹⁰² Ag	-	9E+1	4E-8	1E-10	-	-
47	Silver-111	D, see ¹⁰² Ag	9E+2	2E+3	6E-7	-	-	-
		LLI wall (1E+3)	-	Liver (2E+3)	-	2E-9	2E-5	2E-4
		W, see ¹⁰² Ag	-	9E+2	4E-7	1E-9	-	-
		Y, see ¹⁰² Ag	-	9E+2	4E-7	1E-9	-	-
47	Silver-112	D, see ¹⁰² Ag	3E+3	8E+3	3E-6	1E-8	4E-5	4E-4
		W, see ¹⁰² Ag	-	1E+4	4E-6	1E-8	-	-
		Y, see ¹⁰² Ag	-	9E+3	4E-6	1E-8	-	-
47	Silver-115 ²	D, see ¹⁰² Ag	3E+4	9E+4	4E-5	1E-7	-	-
		St wall (3E+4)	-	-	-	-	4E-4	4E-3
		W, see ¹⁰² Ag	-	9E+4	4E-5	1E-7	-	-
		Y, see ¹⁰² Ag	-	8E+4	3E-5	1E-7	-	-
48	Cadmium-104 ²	D, all compounds except those given for W and Y	2E+4	7E+4	3E-5	9E-8	3E-4	3E-3
		W, sulfides, halides, and nitrates	-	1E+5	5E-5	2E-7	-	-
		Y, oxides and hydroxides	-	1E+5	5E-5	2E-7	-	-
48	Cadmium-107	D, see ¹⁰⁴ Cd	2E+4	5E+4	2E-5	8E-8	3E-4	3E-3
		W, see ¹⁰⁴ Cd	-	6E+4	2E-5	8E-8	-	-
		Y, see ¹⁰⁴ Cd	-	5E+4	2E-5	7E-8	-	-
48	Cadmium-109	D, see ¹⁰⁴ Cd	3E+2	4E+1	1E-8	-	-	-
		Kidneys (4E+2)	-	Kidneys (5E+1)	-	7E-11	6E-6	6E-5
		W, see ¹⁰⁴ Cd	-	1E+2	5E-8	-	-	-

Atomic No.	Radionuclide	Class	Table 1 Occupational Values			Table II Effluent Concentration		Table III Releases to Sewers
			Col. 1 Oral Ingestion ALI μCi	Col. 2 ALI μCi	Col. 3 Inhalation DAC μCi/ml	Col. 1 Air μCi/ml	Col. 2 Water μCi/ml	Monthly Average Concen- tration μCi/ml
48	Cadmium-113m	Y, see ¹⁰⁴ Cd	-	Kidneys (1E+2)	-	2E-10	-	-
			-	1E+2	5E-8	2E-10	-	-
		D, see ¹⁰⁴ Cd	2E+1	2E+0	1E-9	-	-	-
			Kidneys (4E+1)	Kidneys (4E+0)	-	5E-12	5E-7	5E-6
		W, see ¹⁰⁴ Cd	-	8E+0	4E-9	-	-	-
			-	Kidneys (1E+1)	-	2E-11	-	-
48	Cadmium-113	Y, see ¹⁰⁴ Cd	-	1E+1	5E-9	2E-11	-	-
			-	1E+1	5E-9	2E-11	-	-
		D, see ¹⁰⁴ Cd	2E+1	2E+0	9E-10	-	-	-
			Kidneys (3E+1)	Kidneys (3E+0)	-	5E-12	4E-7	4E-6
		W, see ¹⁰⁴ Cd	-	8E+0	3E-9	-	-	-
			-	Kidneys (1E+1)	-	2E-11	-	-
48	Cadmium-115m	Y, see ¹⁰⁴ Cd	-	1E+1	6E-9	2E-11	-	-
			-	1E+1	6E-9	2E-11	-	-
		D, see ¹⁰⁴ Cd	3E+2	5E+1	2E-8	-	4E-6	4E-5
			-	Kidneys (8E+1)	-	1E-10	-	-
		W, see ¹⁰⁴ Cd	-	1E+2	5E-8	2E-10	-	-
			-	1E+2	6E-8	2E-10	-	-
48	Cadmium-115	Y, see ¹⁰⁴ Cd	-	1E+2	6E-8	2E-10	-	-
			-	1E+2	6E-8	2E-10	-	-
		D, see ¹⁰⁴ Cd	9E+2	1E+3	6E-7	2E-9	-	-
			LLI wall (1E+3)	-	-	-	1E-5	1E-4
		W, see ¹⁰⁴ Cd	-	1E+3	5E-7	2E-9	-	-
			-	1E+3	6E-7	2E-9	-	-
48	Cadmium-117m	D, see ¹⁰⁴ Cd	5E+3	1E+4	5E-6	2E-8	6E-5	6E-4
		W, see ¹⁰⁴ Cd	-	2E+4	7E-6	2E-8	-	-
		Y, see ¹⁰⁴ Cd	-	1E+4	6E-6	2E-8	-	-
48	Cadmium-117	D, see ¹⁰⁴ Cd	5E+3	1E+4	5E-6	2E-8	6E-5	6E-4
		W, see ¹⁰⁴ Cd	-	2E+4	7E-6	2E-8	-	-
		Y, see ¹⁰⁴ Cd	-	1E+4	6E-6	2E-8	-	-
49	Indium-109	D, all compounds except those given for W	2E+4	4E+4	2E-5	6E-8	3E-4	3E-3
		W, oxides, hydroxides, halides, and nitrates	-	6E+4	3E-5	9E-8	-	-
49	Indium-110 ² (69.1 min)	D, see ¹⁰⁹ In	2E+4	4E+4	2E-5	6E-8	2E-4	2E-3
		W, see ¹⁰⁹ In	-	6E+4	2E-5	8E-8	-	-

Atomic No.	Radionuclide	Class	Table 1 Occupational Values			Table II Effluent Concentration		Table III Releases to Sewers
			Col. 1 Oral Ingestion ALI μCi	Col. 2 ALI μCi	Col. 3 Inhalation DAC μCi/ml	Col. 1 Air μCi/ml	Col. 2 Water μCi/ml	Monthly Average Concen- tration μCi/ml
49	Indium-110 (4.9 h)	D, see ¹⁰⁹ In	5E+3	2E+4	7E-6	2E-8	7E-5	7E-4
		W, see ¹⁰⁹ In	-	2E+4	8E-6	3E-8	-	-
49	Indium-111	D, see ¹⁰⁹ In	4E+3	6E+3	3E-6	9E-9	6E-5	6E-4
		W, see ¹⁰⁹ In	-	6E+3	3E-6	9E-9	-	-
49	Indium-112 ²	D, see ¹⁰⁹ In	2E+5	6E+5	3E-4	9E-7	2E-3	2E-2
		W, see ¹⁰⁹ In	-	7E+5	3E-4	1E-6	-	-
49	Indium-113m ²	D, see ¹⁰⁹ In	5E+4	1E+5	6E-5	2E-7	7E-4	7E-3
		W, see ¹⁰⁹ In	-	2E+5	8E-5	3E-7	-	-
49	Indium-114m	D, see ¹⁰⁹ In	3E+2	6E+1	3E-8	9E-11	-	-
		LLI wall (4E+2) W, see ¹⁰⁹ In	- -	- 1E+2	- 4E-8	- 1E-10	5E-6 -	5E-5 -
49	Indium-115m	D, see ¹⁰⁹ In	1E+4	4E+4	2E-5	6E-8	2E-4	2E-3
		W, see ¹⁰⁹ In	-	5E+4	2E-5	7E-8	-	-
49	Indium-115	D, see ¹⁰⁹ In	4E+1	1E+0	6E-10	2E-12	5E-7	5E-6
		W, see ¹⁰⁹ In	-	5E+0	2E-9	8E-12	-	-
49	Indium-116m ²	D, see ¹⁰⁹ In	2E+4	8E+4	3E-5	1E-7	3E-4	3E-3
		W, see ¹⁰⁹ In	-	1E+5	5E-5	2E-7	-	-
49	Indium-117m ²	D, see ¹⁰⁹ In	1E+4	3E+4	1E-5	5E-8	2E-4	2E-3
		W, see ¹⁰⁹ In	-	4E+4	2E-5	6E-8	-	-
49	Indium-117 ²	D, see ¹⁰⁹ In	6E+4	2E+5	7E-5	2E-7	8E-4	8E-3
		W, see ¹⁰⁹ In	-	2E+5	9E-5	3E-7	-	-
49	Indium-119m ²	D, see ¹⁰⁹ In	4E+4	1E+5	5E-5	2E-7	-	-
		St wall (5E+4) W, see ¹⁰⁹ In	- -	- 1E+5	- 6E-5	- 2E-7	7E-4 -	7E-3 -
50	Tin-110	D, all compounds except those given for W	4E+3	1E+4	5E-6	2E-8	5E-5	5E-4
		W, sulfides, oxides, hydroxides, halides, nitrates, and stannic phosphate	-	1E+4	5E-6	2E-8	-	-
50	Tin-111 ²	D, see ¹¹⁰ Sn	7E+4	2E+5	9E-5	3E-7	1E-3	1E-2
		W, see ¹¹⁰ Sn	-	3E+5	1E-4	4E-7	-	-

Atomic No.	Radionuclide	Class	Table 1 Occupational Values			Table II Effluent Concentration		Table III Releases to Sewers
			Col. 1 Oral Ingestion ALI μCi	Col. 2 ALI μCi	Col. 3 Inhalation DAC μCi/ml	Col. 1 Air μCi/ml	Col. 2 Water μCi/ml	Monthly Average Concen- tration μCi/ml
50	Tin-113	D, see ^{110}Sn	2E+3	1E+3	5E-7	2E-9	-	-
		LLI wall (2E+3)	-	-	-	-	3E-5	3E-4
		W, see ^{110}Sn	-	5E+2	2E-7	8E-10	-	-
50	Tin-117m	D, see ^{110}Sn	2E+3	1E+3	5E-7	-	-	-
		LLI wall (2E+3)	Bone surf (2E+3)	-	3E-9	3E-5	3E-4	3E-4
		W, see ^{110}Sn	-	1E+3	6E-7	2E-9	-	-
50	Tin-119m	D, see ^{110}Sn	3E+3	2E+3	1E-6	3E-9	-	-
		LLI wall (4E+3)	-	-	-	-	6E-5	6E-4
		W, see ^{110}Sn	-	1E+3	4E-7	1E-9	-	-
50	Tin-121m	D, see ^{110}Sn	3E+3	9E+2	4E-7	1E-9	-	-
		LLI wall (4E+3)	-	-	-	-	5E-5	5E-4
		W, see ^{110}Sn	-	5E+2	2E-7	8E-10	-	-
50	Tin-121	D, see ^{110}Sn	6E+3	2E+4	6E-6	2E-8	-	-
		LLI wall (6E+3)	-	-	-	-	8E-5	8E-4
		W, see ^{110}Sn	-	1E+4	5E-6	2E-8	-	-
50	Tin-123m ²	D, see ^{110}Sn	5E+4	1E+5	5E-5	2E-7	7E-4	7E-3
		W, see ^{110}Sn	-	1E+5	6E-5	2E-7	-	-
50	Tin-123	D, see ^{110}Sn	5E+2	6E+2	3E-7	9E-10	-	-
		LLI wall (6E+2)	-	-	-	-	9E-6	9E-5
		W, see ^{110}Sn	-	2E+2	7E-8	2E-10	-	-
50	Tin-125	D, see ^{110}Sn	4E+2	9E+2	4E-7	1E-9	-	-
		LLI wall (5E+2)	-	-	-	-	6E-6	6E-5
		W, see ^{110}Sn	-	4E+2	1E-7	5E-10	-	-
50	Tin-126	D, see ^{110}Sn	3E+2	6E+1	2E-8	8E-11	4E-6	4E-5
		W, see ^{110}Sn	-	7E+1	3E-8	9E-11	-	-
50	Tin-127	D, see ^{110}Sn	7E+3	2E+4	8E-6	3E-8	9E-5	9E-4
		W, see ^{110}Sn	-	2E+4	8E-6	3E-8	-	-
50	Tin-128 ²	D, see ^{110}Sn	9E+3	3E+4	1E-5	4E-8	1E-4	1E-3
		W, see ^{110}Sn	-	4E+4	1E-5	5E-8	-	-

Atomic No.	Radionuclide	Class	Table 1 Occupational Values			Table II Effluent Concentration		Table III Releases to Sewers
			Col. 1 Oral Ingestion ALI μCi	Col. 2 ALI μCi	Col. 3 Inhalation DAC μCi/ml	Col. 1 Air μCi/ml	Col. 2 Water μCi/ml	Monthly Average Concen- tration μCi/ml
51	Antimony-115 ²	D, all compounds except those given for W W, oxides, hydroxides, halides, sulfides, sulfates, and nitrates	8E+4 -	2E+5 3E+5	1E-4 1E-4	3E-7 4E-7	1E-3 -	1E-2 -
51	Antimony-116m ²	D, see ¹¹⁵ Sb W, see ¹¹⁵ Sb	2E+4 -	7E+4 1E+5	3E-5 6E-5	1E-7 2E-7	3E-4 -	3E-3 -
51	Antimony-116 ²	D, see ¹¹⁵ Sb	7E+4 St wall (9E+4)	3E+5 -	1E-4 -	4E-7 -	- 1E-3	- 1E-2
51	Antimony-117	W, see ¹¹⁵ Sb D, see ¹¹⁵ Sb W, see ¹¹⁵ Sb	- 7E+4 -	3E+5 2E+5 3E+5	1E-4 9E-5 1E-4	5E-7 3E-7 4E-7	- 9E-4 -	- 9E-3 -
51	Antimony-118m	D, see ¹¹⁵ Sb W, see ¹¹⁵ Sb	6E+3 5E+3	2E+4 2E+4	8E-6 9E-6	3E-8 3E-8	7E-5 -	7E-4 -
51	Antimony-119	D, see ¹¹⁵ Sb W, see ¹¹⁵ Sb	2E+4 2E+4	5E+4 3E+4	2E-5 1E-5	6E-8 4E-8	2E-4 -	2E-3 -
51	Antimony-120 ² (16 min)	D, see ¹¹⁵ Sb St wall (2E+5) W, see ¹¹⁵ Sb	1E+5 - -	4E+5 - 5E+5	2E-4 - 2E-4	6E-7 - 7E-7	- 2E-3 -	- 2E-2 -
51	Antimony-120 (5.76 d)	D, see ¹¹⁵ Sb W, see ¹¹⁵ Sb	1E+3 9E+2	2E+3 1E+3	9E-7 5E-7	3E-9 2E-9	1E-5 -	1E-4 -
51	Antimony-122	D, see ¹¹⁵ Sb LLI wall (8E+2) W, see ¹¹⁵ Sb	8E+2 - 7E+2	2E+3 - 1E+3	1E-6 - 4E-7	3E-9 - 2E-9	- 1E-5 -	- 1E-4 -
51	Antimony-124m ²	D, see ¹¹⁵ Sb W, see ¹¹⁵ Sb	3E+5 2E+5	8E+5 6E+5	4E-4 2E-4	1E-6 8E-7	3E-3 -	3E-2 -
51	Antimony-124	D, see ¹¹⁵ Sb W, see ¹¹⁵ Sb	6E+2 5E+2	9E+2 2E+2	4E-7 1E-7	1E-9 3E-10	7E-6 -	7E-5 -
51	Antimony-125	D, see ¹¹⁵ Sb W, see ¹¹⁵ Sb	2E+3 -	2E+3 5E+2	1E-6 2E-7	3E-9 7E-10	3E-5 -	3E-4 -
51	Antimony-126m ²	D, see ¹¹⁵ Sb St wall (7E+4) W, see ¹¹⁵ Sb	5E+4 - -	2E+5 - 2E+5	8E-5 - 8E-5	3E-7 - 3E-7	- 9E-4 -	- 9E-3 -

Atomic No.	Radionuclide	Class	Table 1 Occupational Values			Table II Effluent Concentration		Table III Releases to Sewers
			Col. 1 Oral Ingestion ALI μCi	Col. 2 ALI μCi	Col. 3 Inhalation DAC μCi/ml	Col. 1 Air μCi/ml	Col. 2 Water μCi/ml	Monthly Average Concen- tration μCi/ml
51	Antimony-126	D, see ¹¹⁵ Sb	6E+2	1E+3	5E-7	2E-9	7E-6	7E-5
		W, see ¹¹⁵ Sb	5E+2	5E+2	2E-7	7E-10	-	-
51	Antimony-127	D, see ¹¹⁵ Sb	8E+2	2E+3	9E-7	3E-9	-	-
		LLI wall (8E+2)	-	-	-	-	1E-5	1E-4
		W, see ¹¹⁵ Sb	7E+2	9E+2	4E-7	1E-9	-	-
51	Antimony-128 ² (10.4 min)	D, see ¹¹⁵ Sb	8E+4	4E+5	2E-4	5E-7	-	-
		St wall (1E+5)	-	-	-	-	1E-3	1E-2
		W, see ¹¹⁵ Sb	-	4E+5	2E-4	6E-7	-	-
51	Antimony-128 (9.01 h)	D, see ¹¹⁵ Sb	1E+3	4E+3	2E-6	6E-9	2E-5	2E-4
		W, see ¹¹⁵ Sb	-	3E+3	1E-6	5E-9	-	-
51	Antimony-129	D, see ¹¹⁵ Sb	3E+3	9E+3	4E-6	1E-8	4E-5	4E-4
		W, see ¹¹⁵ Sb	-	9E+3	4E-6	1E-8	-	-
51	Antimony-130 ²	D, see ¹¹⁵ Sb	2E+4	6E+4	3E-5	9E-8	3E-4	3E-3
		W, see ¹¹⁵ Sb	-	8E+4	3E-5	1E-7	-	-
51	Antimony-131 ²	D, see ¹¹⁵ Sb	1E+4	2E+4	1E-5	-	-	-
		Thyroid (2E+4)	-	Thyroid (4E+4)	-	6E-8	2E-4	2E-3
		W, see ¹¹⁵ Sb	-	2E+4	1E-5	-	-	-
		-	-	Thyroid (4E+4)	-	6E-8	-	-
52	Tellurium-116	D, all compounds except those given for W	8E+3	2E+4	9E-6	3E-8	1E-4	1E-3
		W, oxides, hydroxides, and nitrates	-	3E+4	1E-5	4E-8	-	-
52	Tellurium-121m	D, see ¹¹⁶ Te	5E+2	2E+2	8E-8	-	-	-
		Bone surf (7E+2)	-	Bone surf (4E+2)	-	5E-10	1E-5	1E-4
		W, see ¹¹⁶ Te	-	4E+2	2E-7	6E-10	-	-
52	Tellurium-121	D, see ¹¹⁶ Te	3E+3	4E+3	2E-6	6E-9	4E-5	4E-4
		W, see ¹¹⁶ Te	-	3E+3	1E-6	4E-9	-	-
52	Tellurium-123m	D, see ¹¹⁶ Te	6E+2	2E+2	9E-8	-	-	-
		Bone surf (1E+3)	-	Bone surf (5E+2)	-	8E-10	1E-5	1E-4
		W, see ¹¹⁶ Te	-	5E+2	2E-7	8E-10	-	-

Atomic No.	Radionuclide	Class	Table 1 Occupational Values			Table II Effluent Concentration		Table III Releases to Sewers
			Col. 1 Oral Ingestion ALI μCi	Col. 2 ALI μCi	Col. 3 DAC μCi/ml	Col. 1 Air μCi/ml	Col. 2 Water μCi/ml	Monthly Average Concen- tration μCi/ml
52	Tellurium-123	D, see ¹¹⁶ Te	5E+2	2E+2	8E-8	-	-	-
			Bone surf (1E+3)	Bone surf (5E+2)	-	7E-10	2E-5	2E-4
		W, see ¹¹⁶ Te	-	4E+2	2E-7	-	-	-
			-	Bone surf (1E+3)	-	2E-9	-	-
52	Tellurium-125m	D, see ¹¹⁶ Te	1E+3	4E+2	2E-7	-	-	-
			Bone surf (1E+3)	Bone surf (1E+3)	-	1E-9	2E-5	2E-4
		W, see ¹¹⁶ Te	-	7E+2	3E-7	1E-9	-	-
52	Tellurium-127m	D, see ¹¹⁶ Te	6E+2	3E+2	1E-7	-	9E-6	9E-5
			-	Bone surf (4E+2)	-	6E-10	-	-
		W, see ¹¹⁶ Te	-	3E+2	1E-7	4E-10	-	-
52	Tellurium-127	D, see ¹¹⁶ Te	7E+3	2E+4	9E-6	3E-8	1E-4	1E-3
		W, see ¹¹⁶ Te	-	2E+4	7E-6	2E-8	-	-
52	Tellurium-129m	D, see ¹¹⁶ Te	5E+2	6E+2	3E-7	9E-10	7E-6	7E-5
		W, see ¹¹⁶ Te	-	2E+2	1E-7	3E-10	-	-
52	Tellurium-129 ²	D, see ¹¹⁶ Te	3E+4	6E+4	3E-5	9E-8	4E-4	4E-3
		W, see ¹¹⁶ Te	-	7E+4	3E-5	1E-7	-	-
52	Tellurium-131m	D, see ¹¹⁶ Te	3E+2	4E+2	2E-7	-	-	-
			Thyroid (6E+2)	Thyroid (1E+3)	-	2E-9	8E-6	8E-5
		W, see ¹¹⁶ Te	-	4E+2	2E-7	-	-	-
			-	Thyroid (9E+2)	-	1E-9	-	-
52	Tellurium-131 ²	D, see ¹¹⁶ Te	3E+3	5E+3	2E-6	-	-	-
			Thyroid (6E+3)	Thyroid (1E+4)	-	2E-8	8E-5	8E-4
		W, see ¹¹⁶ Te	-	5E+3	2E-6	-	-	-
			-	Thyroid (1E+4)	-	2E-8	-	-
52	Tellurium-132	D, see ¹¹⁶ Te	2E+2	2E+2	9E-8	-	-	-
			Thyroid (7E+2)	Thyroid (8E+2)	-	1E-9	9E-6	9E-5
		W, see ¹¹⁶ Te	-	2E+2	9E-8	-	-	-
			-	Thyroid (6E+2)	-	9E-10	-	-

Atomic No.	Radionuclide	Class	Table 1 Occupational Values			Table II Effluent Concentration		Table III Releases to Sewers
			Col. 1 Oral Ingestion	Col. 2	Col. 3	Col. 1	Col. 2	Monthly Average Concen- tration
			ALI μCi	Inhalation		Air μCi/ml	Water μCi/ml	μCi/ml
				ALI μCi	DAC μCi/ml			
52	Tellurium-133m ²	D, see ¹¹⁶ Te	3E+3	5E+3	2E-6	-	-	-
			Thyroid (6E+3)	Thyroid (1E+4)	-	2E-8	9E-5	9E-4
			-	5E+3	2E-6	-	-	-
52	Tellurium-133 ²	D, see ¹¹⁶ Te	-	Thyroid (1E+4)	-	2E-8	-	-
			1E+4	2E+4	9E-6	-	-	-
			Thyroid (3E+4)	Thyroid (6E+4)	-	8E-8	4E-4	4E-3
52	Tellurium-134 ²	D, see ¹¹⁶ Te	-	2E+4	9E-6	-	-	-
			-	Thyroid (6E+4)	-	8E-8	-	-
			2E+4	2E+4	1E-5	-	-	-
52	Tellurium-134 ²	D, see ¹¹⁶ Te	Thyroid (2E+4)	Thyroid (5E+4)	-	7E-8	3E-4	3E-3
			-	2E+4	1E-5	-	-	-
			-	Thyroid (5E+4)	-	7E-8	-	-
53	Iodine-120m ²	D, all compounds	1E+4	2E+4	9E-6	3E-8	-	-
			Thyroid (1E+4)	-	-	-	2E-4	2E-3
53	Iodine-120 ²	D, all compounds	4E+3	9E+3	4E-6	-	-	-
			Thyroid (8E+3)	Thyroid (1E+4)	-	2E-8	1E-4	1E-3
53	Iodine-121	D, all compounds	1E+4	2E+4	8E-6	-	-	-
			Thyroid (3E+4)	Thyroid (5E+4)	-	7E-8	4E-4	4E-3
53	Iodine-123	D, all compounds	3E+3	6E+3	3E-6	-	-	-
			Thyroid (1E+4)	Thyroid (2E+4)	-	2E-8	1E-4	1E-3
53	Iodine-124	D, all compounds	5E+1	8E+1	3E-8	-	-	-
			Thyroid (2E+2)	Thyroid (3E+2)	-	4E-10	2E-6	2E-5
53	Iodine-125	D, all compounds	4E+1	6E+1	3E-8	-	-	-
			Thyroid (1E+2)	Thyroid (2E+2)	-	3E-10	2E-6	2E-5
53	Iodine-126	D, all compounds	2E+1	4E+1	1E-8	-	-	-
			Thyroid (7E+1)	Thyroid (1E+2)	-	2E-10	1E-6	1E-5

Atomic No.	Radionuclide	Class	Table 1 Occupational Values			Table II Effluent Concentration		Table III Releases to Sewers
			Col. 1 Oral Ingestion ALI μCi	Col. 2 ALI μCi	Col. 3 Inhalation DAC μCi/ml	Col. 1 Air μCi/ml	Col. 2 Water μCi/ml	Monthly Average Concen- tration μCi/ml
53	Iodine-128 ²	D, all compounds	4E+4	1E+5	5E-5	2E-7	-	-
			St wall (6E+4)	-	-	-	8E-4	8E-3
53	Iodine-129	D, all compounds	5E+0	9E+0	4E-9	-	-	-
			Thyroid (2E+1)	Thyroid (3E+1)	-	4E-11	2E-7	2E-6
53	Iodine-130	D, all compounds	4E+2	7E+2	3E-7	-	-	-
			Thyroid (1E+3)	Thyroid (2E+3)	-	3E-9	2E-5	2E-4
53	Iodine-131	D, all compounds	3E+1	5E+1	2E-8	-	-	-
			Thyroid (9E+1)	Thyroid (2E+2)	-	2E-10	1E-6	1E-5
53	Iodine-132m ²	D, all compounds	4E+3	8E+3	4E-6	-	-	-
			Thyroid (1E+4)	Thyroid (2E+4)	-	3E-8	1E-4	1E-3
53	Iodine-132	D, all compounds	4E+3	8E+3	3E-6	-	-	-
			Thyroid (9E+3)	Thyroid (1E+4)	-	2E-8	1E-4	1E-3
53	Iodine-133	D, all compounds	1E+2	3E+2	1E-7	-	-	-
			Thyroid (5E+2)	Thyroid (9E+2)	-	1E-9	7E-6	7E-5
53	Iodine-134 ²	D, all compounds	2E+4	5E+4	2E-5	6E-8	-	-
			Thyroid (3E+4)	-	-	-	4E-4	4E-3
53	Iodine-135	D, all compounds	8E+2	2E+3	7E-7	-	-	-
			Thyroid (3E+3)	Thyroid (4E+3)	-	6E-9	3E-5	3E-4
54	Xenon-120 ²	Submersion ¹	-	-	1E-5	4E-8	-	-
54	Xenon-121 ²	Submersion ¹	-	-	2E-6	1E-8	-	-
54	Xenon-122	Submersion ¹	-	-	7E-5	3E-7	-	-
54	Xenon-123	Submersion ¹	-	-	6E-6	3E-8	-	-
54	Xenon-125	Submersion ¹	-	-	2E-5	7E-8	-	-
54	Xenon-127	Submersion ¹	-	-	1E-5	6E-8	-	-
54	Xenon-129m	Submersion ¹	-	-	2E-4	9E-7	-	-

Atomic No.	Radionuclide	Class	Table 1 Occupational Values			Table II Effluent Concentration		Table III Releases to Sewers
			Col. 1 Oral Ingestion ALI μCi	Col. 2 ALI μCi	Col. 3 Inhalation DAC μCi/ml	Col. 1 Air μCi/ml	Col. 2 Water μCi/ml	Monthly Average Concen- tration μCi/ml
54	Xenon-131m	Submersion ¹	-	-	4E-4	2E-6	-	-
54	Xenon-133m	Submersion ¹	-	-	1E-4	6E-7	-	-
54	Xenon-133	Submersion ¹	-	-	1E-4	5E-7	-	-
54	Xenon-135m ²	Submersion ¹	-	-	9E-6	4E-8	-	-
54	Xenon-135	Submersion ¹	-	-	1E-5	7E-8	-	-
54	Xenon-138 ²	Submersion ¹	-	-	4E-6	2E-8	-	-
55	Cesium-125 ²	D, all compounds	5E+4 St wall (9E+4)	1E+5 -	6E-5 -	2E-7 -	- 1E-3	- 1E-2
55	Cesium-127	D, all compounds	6E+4	9E+4	4E-5	1E-7	9E-4	9E-3
55	Cesium-129	D, all compounds	2E+4	3E+4	1E-5	5E-8	3E-4	3E-3
55	Cesium-130 ²	D, all compounds	6E+4 St wall (1E+5)	2E+5 -	8E-5 -	3E-7 -	- 1E-3	- 1E-2
55	Cesium-131	D, all compounds	2E+4	3E+4	1E-5	4E-8	3E-4	3E-3
55	Cesium-132	D, all compounds	3E+3	4E+3	2E-6	6E-9	4E-5	4E-4
55	Cesium-134m	D, all compounds	1E+5 St wall (1E+5)	1E+5 -	6E-5 -	2E-7 -	- 2E-3	- 2E-2
55	Cesium-134	D, all compounds	7E+1	1E+2	4E-8	2E-10	9E-7	9E-6
55	Cesium-135m ²	D, all compounds	1E+5	2E+5	8E-5	3E-7	1E-3	1E-2
55	Cesium-135	D, all compounds	7E+2	1E+3	5E-7	2E-9	1E-5	1E-4
55	Cesium-136	D, all compounds	4E+2	7E+2	3E-7	9E-10	6E-6	6E-5
55	Cesium-137	D, all compounds	1E+2	2E+2	6E-8	2E-10	1E-6	1E-5
55	Cesium-138 ²	D, all compounds	2E+4 St wall (3E+4)	6E+4 -	2E-5 -	8E-8 -	- 4E-4	- 4E-3
56	Barium-126 ²	D, all compounds	6E+3	2E+4	6E-6	2E-8	8E-5	8E-4
56	Barium-128	D, all compounds	5E+2	2E+3	7E-7	2E-9	7E-6	7E-5

Atomic No.	Radionuclide	Class	Table 1 Occupational Values			Table II Effluent Concentration		Table III Releases to Sewers
			Col. 1 Oral Ingestion ALI μCi	Col. 2 ALI μCi	Col. 3 Inhalation DAC μCi/ml	Col. 1 Air μCi/ml	Col. 2 Water μCi/ml	Monthly Average Concen- tration μCi/ml
56	Barium-131m ²	D, all compounds	4E+5	1E+6	6E-4	2E-6	-	-
			St wall (5E+5)	-	-	-	7E-3	7E-2
56	Barium-131	D, all compounds	3E+3	8E+3	3E-6	1E-8	4E-5	4E-4
56	Barium-133m	D, all compounds	2E+3	9E+3	4E-6	1E-8	-	-
			LLI wall (3E+3)	-	-	-	4E-5	4E-4
56	Barium-133	D, all compounds	2E+3	7E+2	3E-7	9E-10	2E-5	2E-4
56	Barium-135m	D, all compounds	3E+3	1E+4	5E-6	2E-8	4E-5	4E-4
56	Barium-139 ²	D, all compounds	1E+4	3E+4	1E-5	4E-8	2E-4	2E-3
56	Barium-140	D, all compounds	5E+2	1E+3	6E-7	2E-9	-	-
			LLI wall (6E+2)	-	-	-	8E-6	8E-5
56	Barium-141 ²	D, all compounds	2E+4	7E+4	3E-5	1E-7	3E-4	3E-3
56	Barium-142 ²	D, all compounds	5E+4	1E+5	6E-5	2E-7	7E-4	7E-3
57	Lanthanum-131 ²	D, all compounds except those given for W	5E+4	1E+5	5E-5	2E-7	6E-4	6E-3
		W, oxides and hydroxides	-	2E+5	7E-5	2E-7	-	-
57	Lanthanum-132	D, see ¹³¹ La	3E+3	1E+4	4E-6	1E-8	4E-5	4E-4
		W, see ¹³¹ La	-	1E+4	5E-6	2E-8	-	-
57	Lanthanum-135	D, see ¹³¹ La	4E+4	1E+5	4E-5	1E-7	5E-4	5E-3
		W, see ¹³¹ La	-	9E+4	4E-5	1E-7	-	-
57	Lanthanum-137	D, see ¹³¹ La	1E+4	6E+1	3E-8	-	2E-4	2E-3
			-	Liver (7E+1)	-	1E-10	-	-
		W, see ¹³¹ La	-	3E+2	1E-7	-	-	-
			-	Liver (3E+2)	-	4E-10	-	-
57	Lanthanum-138	D, see ¹³¹ La	9E+2	4E+0	1E-9	5E-12	1E-5	1E-4
		W, see ¹³¹ La	-	1E+1	6E-9	2E-11	-	-
57	Lanthanum-140	D, see ¹³¹ La	6E+2	1E+3	6E-7	2E-9	9E-6	9E-5
		W, see ¹³¹ La	-	1E+3	5E-7	2E-9	-	-
57	Lanthanum-141	D, see ¹³¹ La	4E+3	9E+3	4E-6	1E-8	5E-5	5E-4
		W, see ¹³¹ La	-	1E+4	5E-6	2E-8	-	-

Atomic No.	Radionuclide	Class	Table 1 Occupational Values			Table II Effluent Concentration		Table III Releases to Sewers
			Col. 1 Oral Ingestion ALI μCi	Col. 2 ALI μCi	Col. 3 Inhalation DAC μCi/ml	Col. 1 Air μCi/ml	Col. 2 Water μCi/ml	Monthly Average Concen- tration μCi/ml
57	Lanthanum-142 ²	D, see ¹³¹ La	8E+3	2E+4	9E-6	3E-8	1E-4	1E-3
		W, see ¹³¹ La	-	3E+4	1E-5	5E-8	-	-
57	Lanthanum-143 ²	D, see ¹³¹ La	4E+4	1E+5	4E-5	1E-7	-	-
		St wall (4E+4)	-	-	-	-	5E-4	5E-3
		W, see ¹³¹ La	-	9E+4	4E-5	1E-7	-	-
58	Cerium-134	W, all compounds except those given for Y	5E+2	7E+2	3E-7	1E-9	-	-
		LLI wall (6E+2)	-	-	-	-	8E-6	8E-5
		Y, oxides, hydroxides, and fluorides	-	7E+2	3E-7	9E-10	-	-
58	Cerium-135	W, see ¹³⁴ Ce	2E+3	4E+3	2E-6	5E-9	2E-5	2E-4
		Y, see ¹³⁴ Ce	-	4E+3	1E-6	5E-9	-	-
58	Cerium-137m	W, see ¹³⁴ Ce	2E+3	4E+3	2E-6	6E-9	-	-
		LLI wall (2E+3)	-	-	-	-	3E-5	3E-4
		Y, see ¹³⁴ Ce	-	4E+3	2E-6	5E-9	-	-
58	Cerium-137	W, see ¹³⁴ Ce	5E+4	1E+5	6E-5	2E-7	7E-4	7E-3
		Y, see ¹³⁴ Ce	-	1E+5	5E-5	2E-7	-	-
58	Cerium-139	W, see ¹³⁴ Ce	5E+3	8E+2	3E-7	1E-9	7E-5	7E-4
		Y, see ¹³⁴ Ce	-	7E+2	3E-7	9E-10	-	-
58	Cerium-141	W, see ¹³⁴ Ce	2E+3	7E+2	3E-7	1E-9	-	-
		LLI wall (2E+3)	-	-	-	-	3E-5	3E-4
		Y, see ¹³⁴ Ce	-	6E+2	2E-7	8E-10	-	-
58	Cerium-143	W, see ¹³⁴ Ce	1E+3	2E+3	8E-7	3E-9	-	-
		LLI wall (1E+3)	-	-	-	-	2E-5	2E-4
		Y, see ¹³⁴ Ce	-	2E+3	7E-7	2E-9	-	-
58	Cerium-144	W, see ¹³⁴ Ce	2E+2	3E+1	1E-8	4E-11	-	-
		LLI wall (3E+2)	-	-	-	-	3E-6	3E-5
		Y, see ¹³⁴ Ce	-	1E+1	6E-9	2E-11	-	-
59	Praseodymium-136 ²	W, all compounds except those given for Y	5E+4	2E+5	1E-4	3E-7	-	-
		St wall (7E+4)	-	-	-	-	1E-3	1E-2

Atomic No.	Radionuclide	Class	Table 1 Occupational Values			Table II Effluent Concentration		Table III Releases to Sewers
			Col. 1 Oral Ingestion ALI μCi	Col. 2 ALI μCi	Col. 3 Inhalation DAC μCi/ml	Col. 1 Air μCi/ml	Col. 2 Water μCi/ml	Monthly Average Concen- tration μCi/ml
		Y, oxides, hydroxides, carbides, and fluorides	-	2E+5	9E-5	3E-7	-	-
59	Praseodymium-137 ²	W, see ¹³⁶ Pr	4E+4	2E+5	6E-5	2E-7	5E-4	5E-3
		Y, see ¹³⁶ Pr	-	1E+5	6E-5	2E-7	-	-
59	Praseodymium-138m	W, see ¹³⁶ Pr	1E+4	5E+4	2E-5	8E-8	1E-4	1E-3
		Y, see ¹³⁶ Pr	-	4E+4	2E-5	6E-8	-	-
59	Praseodymium-139	W, see ¹³⁶ Pr	4E+4	1E+5	5E-5	2E-7	6E-4	6E-3
		Y, see ¹³⁶ Pr	-	1E+5	5E-5	2E-7	-	-
59	Praseodymium-142m ²	W, see ¹³⁶ Pr	8E+4	2E+5	7E-5	2E-7	1E-3	1E-2
		Y, see ¹³⁶ Pr	-	1E+5	6E-5	2E-7	-	-
59	Praseodymium-142	W, see ¹³⁶ Pr	1E+3	2E+3	9E-7	3E-9	1E-5	1E-4
		Y, see ¹³⁶ Pr	-	2E+3	8E-7	3E-9	-	-
59	Praseodymium-143	W, see ¹³⁶ Pr	9E+2	8E+2	3E-7	1E-9	-	-
		LLI wall (1E+3)	-	-	-	-	2E-5	2E-4
		Y, see ¹³⁶ Pr	-	7E+2	3E-7	9E-10	-	-
59	Praseodymium-144 ²	W, see ¹³⁶ Pr	3E+4	1E+5	5E-5	2E-7	-	-
		St wall (4E+4)	-	-	-	-	6E-4	6E-3
		Y, see ¹³⁶ Pr	-	1E+5	5E-5	2E-7	-	-
59	Praseodymium-145	W, see ¹³⁶ Pr	3E+3	9E+3	4E-6	1E-8	4E-5	4E-4
		Y, see ¹³⁶ Pr	-	8E+3	3E-6	1E-8	-	-
59	Praseodymium-147 ²	W, see ¹³⁶ Pr	5E+4	2E+5	8E-5	3E-7	-	-
		St wall (8E+4)	-	-	-	-	1E-3	1E-2
		Y, see ¹³⁶ Pr	-	2E+5	8E-5	3E-7	-	-
60	Neodymium-136 ²	W, all compounds except those given for Y	1E+4	6E+4	2E-5	8E-8	2E-4	2E-3
		Y, oxides, hydroxides, carbides, and fluorides	-	5E+4	2E-5	8E-8	-	-
60	Neodymium-138	W, see ¹³⁶ Nd	2E+3	6E+3	3E-6	9E-9	3E-5	3E-4
		Y, see ¹³⁶ Nd	-	5E+3	2E-6	7E-9	-	-
60	Neodymium-139m	W, see ¹³⁶ Nd	5E+3	2E+4	7E-6	2E-8	7E-5	7E-4
		Y, see ¹³⁶ Nd	-	1E+4	6E-6	2E-8	-	-

Atomic No.	Radionuclide	Class	Table 1 Occupational Values			Table II Effluent Concentration		Table III Releases to Sewers
			Col. 1 Oral Ingestion ALI μCi	Col. 2 ALI μCi	Col. 3 Inhalation DAC μCi/ml	Col. 1 Air μCi/ml	Col. 2 Water μCi/ml	Monthly Average Concen- tration μCi/ml
60	Neodymium-139 ²	W, see ¹³⁶ Nd	9E+4	3E+5	1E-4	5E-7	1E-3	1E-2
		Y, see ¹³⁶ Nd	-	3E+5	1E-4	4E-7	-	-
60	Neodymium-141	W, see ¹³⁶ Nd	2E+5	7E+5	3E-4	1E-6	2E-3	2E-2
		Y, see ¹³⁶ Nd	-	6E+5	3E-4	9E-7	-	-
60	Neodymium-147	W, see ¹³⁶ Nd	1E+3	9E+2	4E-7	1E-9	-	-
		LLI wall (1E+3)	-	-	-	-	2E-5	2E-4
		Y, see ¹³⁶ Nd	-	8E+2	4E-7	1E-9	-	-
60	Neodymium-149 ²	W, see ¹³⁶ Nd	1E+4	3E+4	1E-5	4E-8	1E-4	1E-3
		Y, see ¹³⁶ Nd	-	2E+4	1E-5	3E-8	-	-
60	Neodymium-151 ²	W, see ¹³⁶ Nd	7E+4	2E+5	8E-5	3E-7	9E-4	9E-3
		Y, see ¹³⁶ Nd	-	2E+5	8E-5	3E-7	-	-
61	Promethium-141 ²	W, all compounds except those given for Y	5E+4	2E+5	8E-5	3E-7	-	-
		St wall (6E+4)	-	-	-	-	8E-4	8E-3
		Y, oxides, hydroxides, carbides, and fluorides	-	2E+5	7E-5	2E-7	-	-
61	Promethium-143	W, see ¹⁴¹ Pm	5E+3	6E+2	2E-7	8E-10	7E-5	7E-4
		Y, see ¹⁴¹ Pm	-	7E+2	3E-7	1E-9	-	-
61	Promethium-144	W, see ¹⁴¹ Pm	1E+3	1E+2	5E-8	2E-10	2E-5	2E-4
		Y, see ¹⁴¹ Pm	-	1E+2	5E-8	2E-10	-	-
61	Promethium-145	W, see ¹⁴¹ Pm	1E+4	2E+2	7E-8	-	1E-4	1E-3
		Bone surf (2E+2)	-	-	-	3E-10	-	-
		Y, see ¹⁴¹ Pm	-	2E+2	8E-8	3E-10	-	-
61	Promethium-146	W, see ¹⁴¹ Pm	2E+3	5E+1	2E-8	7E-11	2E-5	2E-4
		Y, see ¹⁴¹ Pm	-	4E+1	2E-8	6E-11	-	-
61	Promethium-147	W, see ¹⁴¹ Pm	4E+3	1E+2	5E-8	-	-	-
		LLI wall (5E+3)	-	Bone surf (2E+2)	-	3E-10	7E-5	7E-4
		Y, see ¹⁴¹ Pm	-	1E+2	6E-8	2E-10	-	-
61	Promethium-148m	W, see ¹⁴¹ Pm	7E+2	3E+2	1E-7	4E-10	1E-5	1E-4
		Y, see ¹⁴¹ Pm	-	3E+2	1E-7	5E-10	-	-
61	Promethium-148	W, see ¹⁴¹ Pm	4E+2	5E+2	2E-7	8E-10	-	-
		LLI wall (5E+2)	-	-	-	-	7E-6	7E-5

Atomic No.	Radionuclide	Class	Table 1 Occupational Values			Table II Effluent Concentration		Table III Releases to Sewers
			Col. 1 Oral Ingestion ALI μCi	Col. 2 ALI μCi	Col. 3 Inhalation DAC μCi/ml	Col. 1 Air μCi/ml	Col. 2 Water μCi/ml	Monthly Average Concen- tration μCi/ml
		Y, see ¹⁴¹ Pm	-	5E+2	2E-7	7E-10	-	-
61	Promethium-149	W, see ¹⁴¹ Pm	1E+3	2E+3	8E-7	3E-9	-	-
		LLI wall (1E+3)	-	-	-	-	2E-5	2E-4
		Y, see ¹⁴¹ Pm	-	2E+3	8E-7	2E-9	-	-
61	Promethium-150	W, see ¹⁴¹ Pm	5E+3	2E+4	8E-6	3E-8	7E-5	7E-4
		Y, see ¹⁴¹ Pm	-	2E+4	7E-6	2E-8	-	-
61	Promethium-151	W, see ¹⁴¹ Pm	2E+3	4E+3	1E-6	5E-9	2E-5	2E-4
		Y, see ¹⁴¹ Pm	-	3E+3	1E-6	4E-9	-	-
62	Samarium-141m ²	W, all compounds	3E+4	1E+5	4E-5	1E-7	4E-4	4E-3
62	Samarium-141 ²	W, all compounds	5E+4	2E+5	8E-5	2E-7	-	-
		St wall (6E+4)	-	-	-	-	8E-4	8E-3
62	Samarium-142 ²	W, all compounds	8E+3	3E+4	1E-5	4E-8	1E-4	1E-3
62	Samarium-145	W, all compounds	6E+3	5E+2	2E-7	7E-10	8E-5	8E-4
62	Samarium-146	W, all compounds	1E+1	4E-2	1E-11	-	-	-
		Bone surf (3E+1)	Bone surf (6E-2)	-	-	9E-14	3E-7	3E-6
62	Samarium-147	W, all compounds	2E+1	4E-2	2E-11	-	-	-
		Bone surf (3E+1)	Bone surf (7E-2)	-	-	1E-13	4E-7	4E-6
62	Samarium-151	W, all compounds	1E+4	1E+2	4E-8	-	-	-
		LLI wall (1E+4)	Bone surf (2E+2)	-	-	2E-10	2E-4	2E-3
62	Samarium-153	W, all compounds	2E+3	3E+3	1E-6	4E-9	-	-
		LLI wall (2E+3)	-	-	-	-	3E-5	3E-4
62	Samarium-155 ²	W, all compounds	6E+4	2E+5	9E-5	3E-7	-	-
		St wall (8E+4)	-	-	-	-	1E-3	1E-2
62	Samarium-156	W, all compounds	5E+3	9E+3	4E-6	1E-8	7E-5	7E-4
63	Europium-145	W, all compounds	2E+3	2E+3	8E-7	3E-9	2E-5	2E-4
63	Europium-146	W, all compounds	1E+3	1E+3	5E-7	2E-9	1E-5	1E-4

Atomic No.	Radionuclide	Class	Table 1 Occupational Values			Table II Effluent Concentration		Table III Releases to Sewers
			Col. 1 Oral Ingestion ALI μCi	Col. 2 ALI μCi	Col. 3 Inhalation DAC μCi/ml	Col. 1 Air μCi/ml	Col. 2 Water μCi/ml	Monthly Average Concen- tration μCi/ml
63	Europium-147	W, all compounds	3E+3	2E+3	7E-7	2E-9	4E-5	4E-4
63	Europium-148	W, all compounds	1E+3	4E+2	1E-7	5E-10	1E-5	1E-4
63	Europium-149	W, all compounds	1E+4	3E+3	1E-6	4E-9	2E-4	2E-3
63	Europium-150 (12.62h)	W, all compounds	3E+3	8E+3	4E-6	1E-8	4E-5	4E-4
63	Europium-150 (34.2 y)	W, all compounds	8E+2	2E+1	8E-9	3E-11	1E-5	1E-4
63	Europium-152m	W, all compounds	3E+3	6E+3	3E-6	9E-9	4E-5	4E-4
63	Europium-152	W, all compounds	8E+2	2E+1	1E-8	3E-11	1E-5	1E-4
63	Europium-154	W, all compounds	5E+2	2E+1	8E-9	3E-11	7E-6	7E-5
63	Europium-155	W, all compounds	4E+3	9E+1	4E-8	-	5E-5	5E-4
			-	Bone surf (1E+2)	-	2E-10	-	-
63	Europium-156	W, all compounds	6E+2	5E+2	2E-7	6E-10	8E-6	8E-5
63	Europium-157	W, all compounds	2E+3	5E+3	2E-6	7E-9	3E-5	3E-4
63	Europium-158 ²	W, all compounds	2E+4	6E+4	2E-5	8E-8	3E-4	3E-3
64	Gadolinium-145 ²	D, all compounds except those given for W	5E+4	2E+5	6E-5	2E-7	-	-
			St wall (5E+4)	-	-	-	6E-4	6E-3
		W, oxides, hydroxides, and fluorides	-	2E+5	7E-5	2E-7	-	-
64	Gadolinium-146	D, see ¹⁴⁵ Gd	1E+3	1E+2	5E-8	2E-10	2E-5	2E-4
		W, see ¹⁴⁵ Gd	-	3E+2	1E-7	4E-10	-	-
64	Gadolinium-147	D, see ¹⁴⁵ Gd	2E+3	4E+3	2E-6	6E-9	3E-5	3E-4
		W, see ¹⁴⁵ Gd	-	4E+3	1E-6	5E-9	-	-
64	Gadolinium-148	D, see ¹⁴⁵ Gd	1E+1	8E+3	3E-12	-	-	-
			Bone surf (2E+1)	Bone surf (2E+2)	-	2E-14	3E-7	3E-6
		W, see ¹⁴⁵ Gd	-	3E-2	1E-11	-	-	-
			-	Bone surf (6E-2)	-	8E-14	-	-

Atomic No.	Radionuclide	Class	Table 1 Occupational Values			Table II Effluent Concentration		Table III Releases to Sewers
			Col. 1 Oral Ingestion ALI μCi	Col. 2 ALI μCi	Col. 3 Inhalation DAC μCi/ml	Col. 1 Air μCi/ml	Col. 2 Water μCi/ml	Monthly Average Concen- tration μCi/ml
64	Gadolinium-149	D, see ¹⁴⁵ Gd	3E+3	2E+3	9E-7	3E-9	4E-5	4E-4
		W, see ¹⁴⁵ Gd	-	2E+3	1E-6	3E-9	-	-
64	Gadolinium-151	D, see ¹⁴⁵ Gd	6E+3	4E+2	2E-7	-	9E-5	9E-4
			-	Bone surf (6E+2)	-	9E-10	-	-
		W, see ¹⁴⁵ Gd	-	1E+3	5E-7	2E-9	-	-
64	Gadolinium-152	D, see ¹⁴⁵ Gd	2E+1	1E-2	4E-12	-	-	-
			Bone surf (3E+1)	Bone surf (2E-2)	-	3E-14	4E-7	4E-6
		W, see ¹⁴⁵ Gd	-	4E-2	2E-11	-	-	-
			-	Bone surf (8E-2)	-	1E-13	-	-
64	Gadolinium-153	D, see ¹⁴⁵ Gd	5E+3	1E+2	6E-8	-	6E-5	6E-4
			-	Bone surf (2E+2)	-	3E-10	-	-
		W, see ¹⁴⁵ Gd	-	6E+2	2E-7	8E-10	-	-
64	Gadolinium-159	D, see ¹⁴⁵ Gd	3E+3	8E+3	3E-6	1E-8	4E-5	4E-4
		W, see ¹⁴⁵ Gd	-	6E+3	2E-6	8E-9	-	-
65	Terbium-147 ²	W, all compounds	9E+3	3E+4	1E-5	5E-8	1E-4	1E-3
65	Terbium-149	W, all compounds	5E+3	7E+2	3E-7	1E-9	7E-5	7E-4
65	Terbium-150	W, all compounds	5E+3	2E+4	9E-6	3E-8	7E-5	7E-4
65	Terbium-151	W, all compounds	4E+3	9E+3	4E-6	1E-8	5E-5	5E-4
65	Terbium-153	W, all compounds	5E+3	7E+3	3E-6	1E-8	7E-5	7E-4
65	Terbium-154	W, all compounds	2E+3	4E+3	2E-6	6E-9	2E-5	2E-4
65	Terbium-155	W, all compounds	6E+3	8E+3	3E-6	1E-8	8E-5	8E-4
65	Terbium-156m (5.0 h)	W, all compounds	2E+4	3E+4	1E-5	4E-8	2E-4	2E-3
65	Terbium-156m (24.4 h)	W, all compounds	7E+3	8E+3	3E-6	1E-8	1E-4	1E-3
65	Terbium-156	W, all compounds	1E+3	1E+3	6E-7	2E-9	1E-5	1E-4
65	Terbium-157	W, all compounds	5E+4	3E+2	1E-7	-	-	-
			LLI wall (5E+4)	Bone surf (6E+2)	-	8E-10	7E-4	7E-3

Atomic No.	Radionuclide	Class	Table 1 Occupational Values			Table II Effluent Concentration		Table III Releases to Sewers
			Col. 1 Oral Ingestion ALI μCi	Col. 2 ALI μCi	Col. 3 Inhalation DAC μCi/ml	Col. 1 Air μCi/ml	Col. 2 Water μCi/ml	Monthly Average Concen- tration μCi/ml
65	Terbium-158	W, all compounds	1E+3	2E+1	8E-9	3E-11	2E-5	2E-4
65	Terbium-160	W, all compounds	8E+2	2E+2	9E-8	3E-10	1E-5	1E-4
65	Terbium-161	W, all compounds	2E+3	2E+3	7E-7	2E-9	-	-
			LLI wall (2E+3)	-	-	-	3E-5	3E-4
66	Dysprosium-155	W, all compounds	9E+3	3E+4	1E-5	4E-8	1E-4	1E-3
66	Dysprosium-157	W, all compounds	2E+4	6E+4	3E-5	9E-8	3E-4	3E-3
66	Dysprosium-159	W, all compounds	1E+4	2E+3	1E-6	3E-9	2E-4	2E-3
66	Dysprosium-165	W, all compounds	1E+4	5E+4	2E-5	6E-8	2E-4	2E-3
66	Dysprosium-166	W, all compounds	6E+2	7E+2	3E-7	1E-9	-	-
			LLI wall (8E+2)	-	-	-	1E-5	1E-4
67	Holmium-155 ²	W, all compounds	4E+4	2E+5	6E-5	2E-7	6E-4	6E-3
67	Holmium-157 ²	W, all compounds	3E+5	1E+6	6E-4	2E-6	4E-3	4E-2
67	Holmium-159 ²	W, all compounds	2E+5	1E+6	4E-4	1E-6	3E-3	3E-2
67	Holmium-161	W, all compounds	1E+5	4E+5	2E-4	6E-7	1E-3	1E-2
67	Holmium-162m ²	W, all compounds	5E+4	3E+5	1E-4	4E-7	7E-4	7E-3
67	Holmium-162 ²	W, all compounds	5E+5	2E+6	1E-3	3E-6	-	-
			St wall (8E+5)	-	-	-	1E-2	1E-1
67	Holmium-164m ²	W, all compounds	1E+5	3E+5	1E-4	4E-7	1E-3	1E-2
67	Holmium-164 ²	W, all compounds	2E+5	6E+5	3E-4	9E-7	-	-
			St wall (2E+5)	-	-	-	3E-3	3E-2
67	Holmium-166m	W, all compounds	6E+2	7E+0	3E-9	9E-12	9E-6	9E-5
67	Holmium-166	W, all compounds	9E+2	2E+3	7E-7	2E-9	-	-
			LLI wall (9E+2)	-	-	-	1E-5	1E-4
67	Holmium-167	W, all compounds	2E+4	6E+4	2E-5	8E-8	2E-4	2E-3

Atomic No.	Radionuclide	Class	Table 1 Occupational Values			Table II Effluent Concentration		Table III Releases to Sewers
			Col. 1 Oral Ingestion ALI μCi	Col. 2 ALI μCi	Col. 3 Inhalation DAC μCi/ml	Col. 1 Air μCi/ml	Col. 2 Water μCi/ml	Monthly Average Concen- tration μCi/ml
68	Erbium-161	W, all compounds	2E+4	6E+4	3E-5	9E-8	2E-4	2E-3
68	Erbium-165	W, all compounds	6E+4	2E+5	8E-5	3E-7	9E-4	9E-3
68	Erbium-169	W, all compounds	3E+3	3E+3	1E-6	4E-9	-	-
			LLI wall (4E+3)	-	-	-	5E-5	5E-4
68	Erbium-171	W, all compounds	4E+3	1E+4	4E-6	1E-8	5E-5	5E-4
68	Erbium-172	W, all compounds	1E+3	1E+3	6E-7	2E-9	-	-
			LLI wall (E+3)	-	-	-	2E-5	2E-4
69	Thulium-162 ²	W, all compounds	7E+4	3E+5	1E-4	4E-7	-	-
			St wall (7E+4)	-	-	-	1E-3	1E-2
69	Thulium-166	W, all compounds	4E+3	1E+4	6E-6	2E-8	6E-5	6E-4
69	Thulium-167	W, all compounds	2E+3	2E+3	8E-7	3E-9	-	-
			LLI wall (2E+3)	-	-	-	3E-5	3E-4
69	Thulium-170	W, all compounds	8E+2	2E+2	9E-8	3E-10	-	-
			LLI wall (1E+3)	-	-	-	1E-5	1E-4
69	Thulium-171	W, all compounds	1E+4	3E+2	1E-7	-	-	-
			LLI wall (1E+4)	Bone surf (6E+2)	-	8E-10	2E-4	2E-3
69	Thulium-172	W, all compounds	7E+2	1E+3	5E-7	2E-9	-	-
			LLI wall (8E+2)	-	-	-	1E-5	1E-4
69	Thulium-173	W, all compounds	4E+3	1E+4	5E-6	2E-8	6E-5	6E-4
69	Thulium-175 ²	W, all compounds	7E+4	3E+5	1E-4	4E-7	-	-
			St wall (9E+4)	-	-	-	1E-3	1E-2
70	Ytterbium-162 ²	W, all compounds except those given for Y	7E+4	3E+5	1E-4	4E-7	1E-3	1E-2
		Y, oxides, hydroxides, and fluorides	-	3E+5	1E-4	4E-7	-	-
70	Ytterbium-166	W, see ¹⁶² Yb	1E+3	2E+3	8E-7	3E-9	2E-5	2E-4
		Y, see ¹⁶² Yb	-	2E+3	8E-7	3E-9	-	-

Atomic No.	Radionuclide	Class	Table 1 Occupational Values			Table II Effluent Concentration		Table III Releases to Sewers
			Col. 1 Oral Ingestion	Col. 2	Col. 3	Col. 1	Col. 2	Monthly Average Concen- tration
			ALI μCi	ALI μCi	DAC μCi/ml	Air μCi/ml	Water μCi/ml	μCi/ml
70	Ytterbium-167 ²	W, see ¹⁶² Yb	3E+5	8E+5	3E-4	1E-6	4E-3	4E-2
		Y, see ¹⁶² Yb	-	7E+5	3E-4	1E-6	-	-
70	Ytterbium-169	W, see ¹⁶² Yb	2E+3	8E+2	4E-7	1E-9	2E-5	2E-4
		Y, see ¹⁶² Yb	-	7E+2	3E-7	1E-9	-	-
70	Ytterbium-175	W, see ¹⁶² Yb	3E+3	4E+3	1E-6	5E-9	-	-
		LLI wall (3E+3)	-	-	-	-	4E-5	4E-4
		Y, see ¹⁶² Yb	-	3E+3	1E-6	5E-9	-	-
70	Ytterbium-177 ²	W, see ¹⁶² Yb	2E+4	5E+4	2E-5	7E-8	2E-4	2E-3
		Y, see ¹⁶² Yb	-	5E+4	2E-5	6E-8	-	-
70	Ytterbium-178 ²	W, see ¹⁶² Yb	1E+4	4E+4	2E-5	6E-8	2E-4	2E-3
		Y, see ¹⁶² Yb	-	4E+4	2E-5	5E-8	-	-
71	Lutetium-169	W, all compounds except those given for Y	3E+3	4E+3	2E-6	6E-9	3E-5	3E-4
		Y, oxides, hydroxides, and fluorides	-	4E+3	2E-6	6E-9	-	-
71	Lutetium-170	W, see ¹⁶⁹ Lu	1E+3	2E+3	9E-7	3E-9	2E-5	2E-4
		Y, see ¹⁶⁹ Lu	-	2E+3	8E-7	3E-9	-	-
71	Lutetium-171	W, see ¹⁶⁹ Lu	2E+3	2E+3	8E-7	3E-9	3E-5	3E-4
		Y, see ¹⁶⁹ Lu	-	2E+3	8E-7	3E-9	-	-
71	Lutetium-172	W, see ¹⁶⁹ Lu	1E+3	1E+3	5E-7	2E-9	1E-5	1E-4
		Y, see ¹⁶⁹ Lu	-	1E+3	5E-7	2E-9	-	-
71	Lutetium-173	W, see ¹⁶⁹ Lu	5E+3	3E+2	1E-7	-	7E-5	7E-4
		Bone surf (5E+2)	-	-	-	6E-10	-	-
		Y, see ¹⁶⁹ Lu	-	3E+2	1E-7	4E-10	-	-
71	Lutetium-174m	W, see ¹⁶⁹ Lu	2E+3	2E+2	1E-7	-	-	-
		LLI wall (3E+3)	-	Bone surf (3E+2)	-	5E-10	4E-5	4E-4
		Y, see ¹⁶⁹ Lu	-	2E+2	9E-8	3E-10	-	-
71	Lutetium-174	W, see ¹⁶⁹ Lu	5E+3	1E+2	5E-8	-	7E-5	7E-4
		Bone surf (2E+2)	-	-	-	3E-10	-	-
		Y, see ¹⁶⁹ Lu	-	2E+2	6E-8	2E-10	-	-
71	Lutetium-176m	W, see ¹⁶⁹ Lu	8E+3	3E+4	1E-5	3E-8	1E-4	1E-3
		Y, see ¹⁶⁹ Lu	-	2E+4	9E-6	3E-8	-	-

Atomic No.	Radionuclide	Class	Table 1 Occupational Values			Table II Effluent Concentration		Table III Releases to Sewers
			Col. 1 Oral Ingestion ALI μCi	Col. 2 ALI μCi	Col. 3 Inhalation DAC μCi/ml	Col. 1 Air μCi/ml	Col. 2 Water μCi/ml	Monthly Average Concen- tration μCi/ml
71	Lutetium-176	W, see ¹⁶⁹ Lu	7E+2	5E+0	2E-9	-	1E-5	1E-4
				Bone surf (1E+1)	-	2E-11	-	-
		Y, see ¹⁶⁹ Lu	-	8E+0	3E-9	1E-11	-	-
71	Lutetium-177m	W, see ¹⁶⁹ Lu	7E+2	1E+2	5E-8	-	1E-5	1E-4
				Bone surf (1E+2)	-	2E-10	-	-
		Y, see ¹⁶⁹ Lu	-	8E+1	3E-8	1E-10	-	-
71	Lutetium-177	W, see ¹⁶⁹ Lu	2E+3	2E+3	9E-7	3E-9	-	-
			LLI wall (3E+3)	-	-	-	4E-5	4E-4
		Y, see ¹⁶⁹ Lu	-	2E+3	9E-7	3E-9	-	-
71	Lutetium-178m ²	W, see ¹⁶⁹ Lu	5E+4	2E+5	8E-5	3E-7	-	-
			St. wall (6E+4)	-	-	-	8E-4	8E-3
		Y, see ¹⁶⁹ Lu	-	2E+5	7E-5	2E-7	-	-
71	Lutetium-178 ²	W, see ¹⁶⁹ Lu	4E+4	1E+5	5E-5	2E-7	-	-
			St wall (4E+4)	-	-	-	6E-4	6E-3
		Y, see ¹⁶⁹ Lu	-	1E+5	5E-5	2E-7	-	-
71	Lutetium-179	W, see ¹⁶⁹ Lu	6E+3	2E+4	8E-6	3E-8	9E-5	9E-4
		Y, see ¹⁶⁹ Lu	-	2E+4	6E-6	3E-8	-	-
72	Hafnium-170	D, all compounds except those given for W	3E+3	6E+3	2E-6	8E-9	4E-5	4E-4
		W, oxides, hydroxides, carbides, and nitrates	-	5E+3	2E-6	6E-9	-	-
72	Hafnium-172	D, see ¹⁷⁰ Hf	1E+3	9E+0	4E-9	-	2E-5	2E-4
				Bone surf (2E+1)	-	3E-11	-	-
		W, see ¹⁷⁰ Hf	-	4E+1	2E-8	-	-	-
				Bone surf (6E+1)	-	8E-11	-	-
72	Hafnium-173	D, see ¹⁷⁰ Hf	5E+3	1E+4	5E-6	2E-8	7E-5	7E-4
		W, see ¹⁷⁰ Hf	-	1E+4	5E-6	2E-8	-	-
72	Hafnium-175	D, see ¹⁷⁰ Hf	3E+3	9E+2	4E-7	-	4E-5	4E-4
				Bone surf (1E+3)	-	1E-9	-	-
		W, see ¹⁷⁰ Hf	-	1E+3	5E-7	2E-9	-	-

Atomic No.	Radionuclide	Class	Table 1 Occupational Values			Table II Effluent Concentration		Table III Releases to Sewers
			Col. 1 Oral Ingestion ALI μCi	Col. 2 ALI μCi	Col. 3 Inhalation DAC μCi/ml	Col. 1 Air μCi/ml	Col. 2 Water μCi/ml	Monthly Average Concen- tration μCi/ml
72	Hafnium-177m ²	D, see ¹⁷⁰ Hf	2E+4	6E+4	2E-5	8E-8	3E-4	3E-3
		W, see ¹⁷⁰ Hf	-	9E+4	4E-5	1E-7	-	-
72	Hafnium-178m	D, see ¹⁷⁰ Hf	3E+2	1E+0	5E-10	-	3E-6	3E-5
			-	Bone surf (2E+0)	-	3E-12	-	-
		W, see ¹⁷⁰ Hf	-	5E+0	2E-9	-	-	-
			-	Bone surf (9E+0)	-	1E-11	-	-
72	Hafnium-179m	D, see ¹⁷⁰ Hf	1E+3	3E+2	1E-7	-	1E-5	1E-4
			-	Bone surf (6E+2)	-	8E-10	-	-
		W, see ¹⁷⁰ Hf	-	6E+2	3E-7	8E-10	-	-
72	Hafnium-180m	D, see ¹⁷⁰ Hf	7E+3	2E+4	9E-6	3E-8	1E-4	1E-3
		W, see ¹⁷⁰ Hf	-	3E+4	1E-5	4E-8	-	-
72	Hafnium-181	D, see ¹⁷⁰ Hf	1E+3	2E+2	7E-8	-	2E-5	2E-4
			-	Bone surf (4E+2)	-	6E-10	-	-
		W, see ¹⁷⁰ Hf	-	4E+2	2E-7	6E-10	-	-
72	Hafnium-182m ²	D, see ¹⁷⁰ Hf	4E+4	9E+4	4E-5	1E-7	5E-4	5E-3
		W, see ¹⁷⁰ Hf	-	1E+5	6E-5	2E-7	-	-
72	Hafnium-182	D, see ¹⁷⁰ Hf	2E+2	8E-1	3E-10	-	-	-
			Bone surf (4E+2)	Bone surf (2E+0)	-	2E-12	5E-6	5E-5
		W, see ¹⁷⁰ Hf	-	3E+0	1E-9	-	-	-
			-	Bone surf (7E+0)	-	1E-11	-	-
72	Hafnium-183 ²	D, see ¹⁷⁰ Hf	2E+4	5E+4	2E-5	6E-8	3E-4	3E-3
		W, see ¹⁷⁰ Hf	-	6E+4	2E-5	8E-8	-	-
72	Hafnium-184	D, see ¹⁷⁰ Hf	2E+3	8E+3	3E-6	1E-8	3E-5	3E-4
		W, see ¹⁷⁰ Hf	-	6E+3	3E-6	9E-9	-	-
73	Tantalum-172 ²	W, all compounds except those given for Y	4E+4	1E+5	5E-5	2E-7	5E-4	5E-3
		Y, elemental Ta, oxides, hydroxides, halides, carbides, nitrates, and nitrides	-	1E+5	4E-5	1E-7	-	-
73	Tantalum-173	W, see ¹⁷² Ta	7E+3	2E+4	8E-6	3E-8	9E-5	9E-4
		Y, see ¹⁷² Ta	-	2E+4	7E-6	2E-8	-	-

Atomic No.	Radionuclide	Class	Table 1 Occupational Values			Table II Effluent Concentration		Table III Releases to Sewers
			Col. 1 Oral Ingestion ALI μCi	Col. 2 ALI μCi	Col. 3 Inhalation DAC μCi/ml	Col. 1 Air μCi/ml	Col. 2 Water μCi/ml	Monthly Average Concen- tration μCi/ml
73	Tantalum-174 ²	W, see ¹⁷² Ta	3E+4	1E+5	4E-5	1E-7	4E-4	4E-3
		Y, see ¹⁷² Ta	-	9E+4	4E-5	1E-7	-	-
73	Tantalum-175	W, see ¹⁷² Ta	6E+3	2E+4	7E-6	2E-8	8E-5	8E-4
		Y, see ¹⁷² Ta	-	1E+4	6E-6	2E-8	-	-
73	Tantalum-176	W, see ¹⁷² Ta	4E+3	1E+4	5E-6	2E-8	5E-5	5E-4
		Y, see ¹⁷² Ta	-	1E+4	5E-6	2E-8	-	-
73	Tantalum-177	W, see ¹⁷² Ta	1E+4	2E+4	8E-6	3E-8	2E-4	2E-3
		Y, see ¹⁷² Ta	-	2E+4	7E-6	2E-8	-	-
73	Tantalum-178	W, see ¹⁷² Ta	2E+4	9E+4	4E-5	1E-7	2E-4	2E-3
		Y, see ¹⁷² Ta	-	7E+4	3E-5	1E-7	-	-
73	Tantalum-179	W, see ¹⁷² Ta	2E+4	5E+3	2E-6	8E-9	3E-4	3E-3
		Y, see ¹⁷² Ta	-	9E+2	4E-7	1E-9	-	-
73	Tantalum-180m	W, see ¹⁷² Ta	2E+4	7E+4	3E-5	9E-8	3E-4	3E-3
		Y, see ¹⁷² Ta	-	6E+4	2E-5	8E-8	-	-
73	Tantalum-180	W, see ¹⁷² Ta	1E+3	4E+2	2E-7	6E-10	2E-5	2E-4
		Y, see ¹⁷² Ta	-	2E+1	1E-8	3E-11	-	-
73	Tantalum-182m ²	W, see ¹⁷² Ta	2E+5	5E+5	2E-4	8E-7	-	-
		St wall (2E+5)	-	-	-	-	3E-3	3E-2
		Y, see ¹⁷² Ta	-	4E+5	2E-4	6E-7	-	-
73	Tantalum-182	W, see ¹⁷² Ta	8E+2	3E+2	1E-7	5E-10	1E-5	1E-4
		Y, see ¹⁷² Ta	-	1E+2	6E-8	2E-10	-	-
73	Tantalum-183	W, see ¹⁷² Ta	9E+2	1E+3	5E-7	2E-9	-	-
		LLI wall (1E+3)	-	-	-	-	2E-5	2E-4
		Y, see ¹⁷² Ta	-	1E+3	4E-7	1E-9	-	-
73	Tantalum-184	W, see ¹⁷² Ta	2E+3	5E+3	2E-6	8E-9	3E-5	3E-4
		Y, see ¹⁷² Ta	-	5E+3	2E-6	7E-9	-	-
73	Tantalum-185 ²	W, see ¹⁷² Ta	3E+4	7E+4	3E-5	1E-7	4E-4	4E-3
		Y, see ¹⁷² Ta	-	6E+4	3E-5	9E-8	-	-
73	Tantalum-186 ²	W, see ¹⁷² Ta	5E+4	2E+5	1E-4	3E-7	-	-
		St wall (7E+4)	-	-	-	-	1E-3	1E-2
		Y, see ¹⁷² Ta	-	2E+5	9E-5	3E-7	-	-

Atomic No.	Radionuclide	Class	Table 1 Occupational Values			Table II Effluent Concentration		Table III Releases to Sewers
			Col. 1 Oral Ingestion ALI μCi	Col. 2 ALI μCi	Col. 3 Inhalation DAC μCi/ml	Col. 1 Air μCi/ml	Col. 2 Water μCi/ml	Monthly Average Concen- tration μCi/ml
74	Tungsten-176	D, all compounds	1E+4	5E+4	2E-5	7E-8	1E-4	1E-3
74	Tungsten-177	D, all compounds	2E+4	9E+4	4E-5	1E-7	3E-4	3E-3
74	Tungsten-178	D, all compounds	5E+3	2E+4	8E-6	3E-8	7E-5	7E-4
74	Tungsten-179 ²	D, all compounds	5E+5	2E+6	7E-4	2E-6	7E-3	7E-2
74	Tungsten-181	D, all compounds	2E+4	3E+4	1E-5	5E-8	2E-4	2E-3
74	Tungsten-185	D, all compounds	2E+3 LLI wall (3E+3)	7E+3 -	3E-6 -	9E-9 -	- 4E-5	- 4E-4
74	Tungsten-187	D, all compounds	2E+3	9E+3	4E-6	1E-8	3E-5	3E-4
74	Tungsten-188	D, all compounds	4E+2 LLI wall (5E+2)	1E+3 -	5E-7 -	2E-9 -	- 7E-6	- 7E-5
75	Rhenium-177 ²	D, all compounds except those given for W	9E+4 St wall (1E+5)	3E+5 -	1E-4 -	4E-7 -	- 2E-3	- 2E-2
		W, oxides, hydroxides, and nitrates	-	4E+5	1E-4	5E-7	-	-
75	Rhenium-178 ²	D, see ¹⁷⁷ Re	7E+4 St wall (1E+5)	3E+5 -	1E-4 -	4E-7 -	- 1E-3	- 1E-2
		W, see ¹⁷⁷ Re	-	3E+5	1E-4	4E-7	-	-
75	Rhenium-181	D, see ¹⁷⁷ Re	5E+3	9E+3	4E-6	1E-8	7E-5	7E-4
		W, see ¹⁷⁷ Re	-	9E+3	4E-6	1E-8	-	-
75	Rhenium-182 (12.7 h)	D, see ¹⁷⁷ Re	7E+3	1E+4	5E-6	2E-8	9E-5	9E-4
		W, see ¹⁷⁷ Re	-	2E+4	6E-6	2E-8	-	-
75	Rhenium-182 (64.0 h)	D, see ¹⁷⁷ Re	1E+3	2E+3	1E-6	3E-9	2E-5	2E-4
		W, see ¹⁷⁷ Re	-	2E+3	9E-7	3E-9	-	-
75	Rhenium-184m	D, see ¹⁷⁷ Re	2E+3	3E+3	1E-6	4E-9	3E-5	3E-4
		W, see ¹⁷⁷ Re	-	4E+2	2E-7	6E-10	-	-
75	Rhenium-184	D, see ¹⁷⁷ Re	2E+3	4E+3	1E-6	5E-9	3E-5	3E-4
		W, see ¹⁷⁷ Re	-	1E+3	6E-7	2E-9	-	-

Atomic No.	Radionuclide	Class	Table 1 Occupational Values			Table II Effluent Concentration		Table III Releases to Sewers
			Col. 1 Oral Ingestion ALI μCi	Col. 2 ALI μCi	Col. 3 Inhalation DAC μCi/ml	Col. 1 Air μCi/ml	Col. 2 Water μCi/ml	Monthly Average Concen- tration μCi/ml
75	Rhenium-186m	D, see ¹⁷⁷ Re	1E+3	2E+3	7E-7	-	-	-
			St wall (2E+3)	St wall (2E+3)	-	3E-9	2E-5	2E-4
		W, see ¹⁷⁷ Re	-	2E+2	6E-8	2E-10	-	-
75	Rhenium-186	D, see ¹⁷⁷ Re	2E+3	3E+3	1E-6	4E-9	3E-5	3E-4
		W, see ¹⁷⁷ Re	-	2E+3	7E-7	2E-9	-	-
75	Rhenium-187	D, see ¹⁷⁷ Re	6E+5	8E+5	4E-4	-	8E-3	8E-2
			-	St wall (9E+5)	-	1E-6	-	-
		W, see ¹⁷⁷ Re	-	1E+5	4E-5	1E-7	-	-
75	Rhenium-188m ²	D, see ¹⁷⁷ Re	8E+4	1E+5	6E-5	2E-7	1E-3	1E-2
		W, see ¹⁷⁷ Re	-	1E+5	6E-5	2E-7	-	-
75	Rhenium-188	D, see ¹⁷⁷ Re	2E+3	3E+3	1E-6	4E-9	2E-5	2E-4
		W, see ¹⁷⁷ Re	-	3E+3	1E-6	4E-9	-	-
75	Rhenium-189	D, see ¹⁷⁷ Re	3E+3	5E+3	2E-6	7E-9	4E-5	4E-4
		W, see ¹⁷⁷ Re	-	4E+3	2E-6	6E-9	-	-
76	Osmium-180 ²	D, all compounds except those given for W and Y	1E+5	4E+5	2E-4	5E-7	1E-3	1E-2
		W, halides and nitrates	-	5E+5	2E-4	7E-7	-	-
		Y, oxides and hydroxides	-	5E+5	2E-4	6E-7	-	-
76	Osmium-181 ²	D, see ¹⁸⁰ Os	1E+4	4E+4	2E-5	6E-8	2E-4	2E-3
		W, see ¹⁸⁰ Os	-	5E+4	2E-5	6E-8	-	-
		Y, see ¹⁸⁰ Os	-	4E+4	2E-5	6E-8	-	-
76	Osmium-182	D, see ¹⁸⁰ Os	2E+3	6E+3	2E-6	8E-9	3E-5	3E-4
		W, see ¹⁸⁰ Os	-	4E+3	2E-6	6E-9	-	-
		Y, see ¹⁸⁰ Os	-	4E+3	2E-6	6E-9	-	-
76	Osmium-185	D, see ¹⁸⁰ Os	2E+3	5E+2	2E-7	7E-10	3E-5	3E-4
		W, see ¹⁸⁰ Os	-	8E+2	3E-7	1E-9	-	-
		Y, see ¹⁸⁰ Os	-	8E+2	3E-7	1E-9	-	-
76	Osmium-189m	D, see ¹⁸⁰ Os	8E+4	2E+5	1E-4	3E-7	1E-3	1E-2
		W, see ¹⁸⁰ Os	-	2E+5	9E-5	3E-7	-	-
		Y, see ¹⁸⁰ Os	-	2E+5	7E-5	2E-7	-	-
76	Osmium-191m	D, see ¹⁸⁰ Os	1E+4	3E+4	1E-5	4E-8	2E-4	2E-3
		W, see ¹⁸⁰ Os	-	2E+4	8E-6	3E-8	-	-
		Y, see ¹⁸⁰ Os	-	2E+4	7E-6	2E-8	-	-

Atomic No.	Radionuclide	Class	Table 1 Occupational Values			Table II Effluent Concentration		Table III Releases to Sewers
			Col. 1 Oral Ingestion	Col. 2	Col. 3	Col. 1	Col. 2	Monthly Average Concen- tration
			ALI μCi	ALI μCi	DAC μCi/ml	Air μCi/ml	Water μCi/ml	μCi/ml
			Inhalation					
76	Osmium-191	D, see ¹⁸⁰ Os	2E+3	2E+3	9E-7	3E-9	-	-
		LLI wall (3E+3)	-	-	-	-	3E-5	3E-4
		W, see ¹⁸⁰ Os	-	2E+3	7E-7	2E-9	-	-
		Y, see ¹⁸⁰ Os	-	1E+3	6E-7	2E-9	-	-
76	Osmium-193	D, see ¹⁸⁰ Os	2E+3	5E+3	2E-6	6E-9	-	-
		LLI wall (2E+3)	-	-	-	-	2E-5	2E-4
		W, see ¹⁸⁰ Os	-	3E+3	1E-6	4E-9	-	-
		Y, see ¹⁸⁰ Os	-	3E+3	1E-6	4E-9	-	-
76	Osmium-194	D, see ¹⁸⁰ Os	4E+2	4E+1	2E-8	6E-11	-	-
		LLI wall (6E+2)	-	-	-	-	8E-6	8E-5
		W, see ¹⁸⁰ Os	-	6E+1	2E-8	8E-11	-	-
		Y, see ¹⁸⁰ Os	-	8E+0	3E-9	1E-11	-	-
77	Iridium-182 ²	D, all compounds except those given for W and Y	4E+4	1E+5	6E-5	2E-7	-	-
		St wall (4E+4)	-	-	-	-	6E-4	6E-3
		W, halides, nitrates, and metallic iridium	-	2E+5	6E-5	2E-7	-	-
		Y, oxides and hydroxides	-	1E+5	5E-5	2E-7	-	-
77	Iridium-184	D, see ¹⁸² Ir	8E+3	2E+4	1E-5	3E-8	1E-4	1E-3
		W, see ¹⁸² Ir	-	3E+4	1E-5	5E-8	-	-
		Y, see ¹⁸² Ir	-	3E+4	1E-5	4E-8	-	-
77	Iridium-185	D, see ¹⁸² Ir	5E+3	1E+4	5E-6	2E-8	7E-5	7E-4
		W, see ¹⁸² Ir	-	1E+4	5E-6	2E-8	-	-
		Y, see ¹⁸² Ir	-	1E+4	4E-6	1E-8	-	-
77	Iridium-186	D, see ¹⁸² Ir	2E+3	8E+3	3E-6	1E-8	3E-5	3E-4
		W, see ¹⁸² Ir	-	6E+3	3E-6	9E-9	-	-
		Y, see ¹⁸² Ir	-	6E+3	2E-6	8E-9	-	-
77	Iridium-187	D, see ¹⁸² Ir	1E+4	3E+4	1E-5	5E-8	1E-4	1E-3
		W, see ¹⁸² Ir	-	3E+4	1E-5	4E-8	-	-
		Y, see ¹⁸² Ir	-	3E+4	1E-5	4E-8	-	-
77	Iridium-188	D, see ¹⁸² Ir	2E+3	5E+3	2E-6	6E-9	3E-5	3E-4
		W, see ¹⁸² Ir	-	4E+3	1E-6	5E-9	-	-
		Y, see ¹⁸² Ir	-	3E+3	1E-6	5E-9	-	-

Atomic No.	Radionuclide	Class	Table 1 Occupational Values			Table II Effluent Concentration		Table III Releases to Sewers
			Col. 1 Oral Ingestion ALI μCi	Col. 2 ALI μCi	Col. 3 Inhalation DAC μCi/ml	Col. 1 Air μCi/ml	Col. 2 Water μCi/ml	Monthly Average Concen- tration μCi/ml
77	Iridium-189	D, see ^{182}Ir	5E+3	5E+3	2E-6	7E-9	-	-
		LLI wall (5E+3)	-	-	-	-	7E-5	7E-4
		W, see ^{182}Ir	-	4E+3	2E-6	5E-9	-	-
		Y, see ^{182}Ir	-	4E+3	1E-6	5E-9	-	-
77	Iridium-190m ²	D, see ^{182}Ir	2E+5	2E+5	8E-5	3E-7	2E-3	2E-2
		W, see ^{182}Ir	-	2E+5	9E-5	3E-7	-	-
		Y, see ^{182}Ir	-	2E+5	8E-5	3E-7	-	-
77	Iridium-190	D, see ^{182}Ir	1E+3	9E+2	4E-7	1E-9	1E-5	1E-4
		W, see ^{182}Ir	-	1E+3	4E-7	1E-9	-	-
		Y, see ^{182}Ir	-	9E+2	4E-7	1E-9	-	-
77	Iridium-192m	D, see ^{182}Ir	3E+3	9E+1	4E-8	1E-10	4E-5	4E-4
		W, see ^{182}Ir	-	2E+2	9E-8	3E-10	-	-
		Y, see ^{182}Ir	-	2E+1	6E-9	2E-11	-	-
77	Iridium-192	D, see ^{182}Ir	9E+2	3E+2	1E-7	4E-10	1E-5	1E-4
		W, see ^{182}Ir	-	4E+2	2E-7	6E-10	-	-
		Y, see ^{182}Ir	-	2E+2	9E-8	3E-10	-	-
77	Iridium-194m	D, see ^{182}Ir	6E+2	9E+1	4E-8	1E-10	9E-6	9E-5
		W, see ^{182}Ir	-	2E+2	7E-8	2E-10	-	-
		Y, see ^{182}Ir	-	1E+2	4E-8	1E-10	-	-
77	Iridium-194	D, see ^{182}Ir	1E+3	3E+3	1E-6	4E-9	1E-5	1E-4
		W, see ^{182}Ir	-	2E+3	9E-7	3E-9	-	-
		Y, see ^{182}Ir	-	2E+3	8E-7	3E-9	-	-
77	Iridium-195m	D, see ^{182}Ir	8E+3	2E+4	1E-5	3E-8	1E-4	1E-3
		W, see ^{182}Ir	-	3E+4	1E-5	4E-8	-	-
		Y, see ^{182}Ir	-	2E+4	9E-6	3E-8	-	-
77	Iridium-195	D, see ^{182}Ir	1E+4	4E+4	2E-5	6E-8	2E-4	2E-3
		W, see ^{182}Ir	-	5E+4	2E-5	7E-8	-	-
		Y, see ^{182}Ir	-	4E+4	2E-5	6E-8	-	-
78	Platinum-186	D, all compounds	1E+4	4E+4	2E-5	5E-8	2E-4	2E-3
78	Platinum-188	D, all compounds	2E+3	2E+3	7E-7	2E-9	2E-5	2E-4
78	Platinum-189	D, all compounds	1E+4	3E+4	1E-5	4E-8	1E-4	1E-3
78	Platinum-191	D, all compounds	4E+3	8E+3	4E-6	1E-8	5E-5	5E-4

Atomic No.	Radionuclide	Class	Table 1 Occupational Values			Table II Effluent Concentration		Table III Releases to Sewers
			Col. 1 Oral Ingestion ALI μCi	Col. 2 ALI μCi	Col. 3 Inhalation DAC μCi/ml	Col. 1 Air μCi/ml	Col. 2 Water μCi/ml	Monthly Average Concen- tration μCi/ml
78	Platinum-193m	D, all compounds	3E+3	6E+3	3E-6	8E-9	-	-
			LLI wall (3E+4)	-	-	-	4E-5	4E-4
78	Platinum-193	D, all compounds	4E+4	2E+4	1E-5	3E-8	-	-
			LLI wall (5E+4)	-	-	-	6E-4	6E-3
78	Platinum-195m	D, all compounds	2E+3	4E+3	2E-6	6E-9	-	-
			LLI wall (2E+3)	-	-	-	3E-5	3E-4
78	Platinum-197m ²	D, all compounds	2E+4	4E+4	2E-5	6E-8	2E-4	2E-3
78	Platinum-197	D, all compounds	3E+3	1E+4	4E-6	1E-8	4E-5	4E-4
78	Platinum-199 ²	D, all compounds	5E+4	1E+5	6E-5	2E-7	7E-4	7E-3
78	Platinum-200	D, all compounds	1E+3	3E+3	1E-6	5E-9	2E-5	2E-4
79	Gold-193	D, all compounds except those given for W and Y	9E+3	3E+4	1E-5	4E-8	1E-4	1E-3
		W, halides and nitrates	-	2E+4	9E-6	3E-8	-	-
		Y, oxides and hydroxides	-	2E+4	8E-6	3E-8	-	-
79	Gold-194	D, see ¹⁹³ Au	3E+3	8E+3	3E-6	1E-8	4E-5	4E-4
		W, see ¹⁹³ Au	-	5E+3	2E-6	8E-9	-	-
		Y, see ¹⁹³ Au	-	5E+3	2E-6	7E-9	-	-
79	Gold-195	D, see ¹⁹³ Au	5E+3	1E+4	5E-6	2E-8	7E-5	7E-4
		W, see ¹⁹³ Au	-	1E+3	6E-7	2E-9	-	-
		Y, see ¹⁹³ Au	-	4E+2	2E-7	6E-10	-	-
79	Gold-198m	D, see ¹⁹³ Au	1E+3	3E+3	1E-6	4E-9	1E-5	1E-4
		W, see ¹⁹³ Au	-	1E+3	5E-7	2E-9	-	-
		Y, see ¹⁹³ Au	-	1E+3	5E-7	2E-9	-	-
79	Gold-198	D, see ¹⁹³ Au	1E+3	4E+3	2E-6	5E-9	2E-5	2E-4
		W, see ¹⁹³ Au	-	2E+3	8E-7	3E-9	-	-
		Y, see ¹⁹³ Au	-	2E+3	7E-7	2E-9	-	-
79	Gold-199	D, see ¹⁹³ Au	3E+3	9E+3	4E-6	1E-8	-	-
			LLI wall (3E+3)	-	-	-	4E-5	4E-4
		W, see ¹⁹³ Au	-	4E+3	2E-6	6E-9	-	-
		Y, see ¹⁹³ Au	-	4E+3	2E-6	5E-9	-	-

Atomic No.	Radionuclide	Class	Table 1 Occupational Values			Table II Effluent Concentration		Table III Releases to Sewers
			Col. 1 Oral Ingestion ALI μCi	Col. 2 ALI μCi	Col. 3 Inhalation DAC μCi/ml	Col. 1 Air μCi/ml	Col. 2 Water μCi/ml	Monthly Average Concen- tration μCi/ml
79	Gold-200m	D, see ¹⁹³ Au	1E+3	4E+3	1E-6	5E-9	2E-5	2E-4
		W, see ¹⁹³ Au	-	3E+3	1E-6	4E-9	-	-
		Y, see ¹⁹³ Au	-	2E+4	1E-6	3E-9	-	-
79	Gold-200 ²	D, see ¹⁹³ Au	3E+4	6E+4	3E-5	9E-8	4E-4	4E-3
		W, see ¹⁹³ Au	-	8E+4	3E-5	1E-7	-	-
		Y, see ¹⁹³ Au	-	7E+4	3E-5	1E-7	-	-
79	Gold-201 ²	D, see ¹⁹³ Au	7E+4	2E+5	9E-5	3E-7	-	-
		St wall (9E+4)	-	-	-	-	1E-3	1E-2
		W, see ¹⁹³ Au	-	2E+5	1E-4	3E-7	-	-
		Y, see ¹⁹³ Au	-	2E+5	9E-5	3E-7	-	-
80	Mercury-193m	Vapor	-	8E+3	4E-6	1E-8	-	-
		Organic D	4E+3	1E+4	5E-6	2E-8	6E-5	6E-4
		D, sulfates	3E+3	9E+3	4E-6	1E-8	4E-5	4E-4
		W, oxides, hydroxides, halides, nitrates, and sulfides	-	8E+3	3E-6	1E-8	-	-
80	Mercury-193	Vapor	-	3E+4	1E-5	4E-8	-	-
		Organic D	2E+4	6E+4	3E-5	9E-8	3E-4	3E-3
		D, see ^{193m} Hg	2E+4	4E+4	2E-5	6E-8	2E-4	2E-3
		W, see ^{193m} Hg	-	4E+4	2E-5	6E-8	-	-
80	Mercury-194	Vapor	-	3E+1	1E-8	4E-11	-	-
		Organic D	2E+1	3E+1	1E-8	4E-11	2E-7	2E-6
		D, see ^{193m} Hg	8E+2	4E+1	2E-8	6E-11	1E-5	1E-4
		W, see ^{193m} Hg	-	1E+2	5E-8	2E-10	-	-
80	Mercury-195m	Vapor	-	4E+3	2E-6	6E-9	-	-
		Organic D	3E+3	6E+3	3E-6	8E-9	4E-5	4E-4
		D, see ^{193m} Hg	2E+3	5E+3	2E-6	7E-9	3E-5	3E-4
		W, see ^{193m} Hg	-	4E+3	2E-6	5E-9	-	-
80	Mercury-195	Vapor	-	3E+4	1E-5	4E-8	-	-
		Organic D	2E+4	5E+4	2E-5	6E-8	2E-4	2E-3
		D, see ^{193m} Hg	1E+4	4E+4	1E-5	5E-8	2E-4	2E-3
		W, see ^{193m} Hg	-	3E+4	1E-5	5E-8	-	-
80	Mercury-197m	Vapor	-	5E+3	2E-6	7E-9	-	-
		Organic D	4E+3	9E+3	4E-6	1E-8	5E-5	5E-4
		D, see ^{193m} Hg	3E+3	7E+3	3E-6	1E-8	4E-5	4E-4
		W, see ^{193m} Hg	-	5E+3	2E-6	7E-9	-	-
80	Mercury-197	Vapor	-	8E+3	4E-6	1E-8	-	-
		Organic D	7E+3	1E+4	6E-6	2E-8	9E-5	9E-4

Atomic No.	Radionuclide	Class	Table 1 Occupational Values			Table II Effluent Concentration		Table III Releases to Sewers
			Col. 1 Oral Ingestion ALI μCi	Col. 2 ALI μCi	Col. 3 Inhalation DAC μCi/ml	Col. 1 Air μCi/ml	Col. 2 Water μCi/ml	Monthly Average Concen- tration μCi/ml
80	Mercury-199m ²	D, see ^{193m} Hg	6E+3	1E+4	5E-6	2E-8	8E-5	8E-4
		W, see ^{193m} Hg	-	9E+3	4E-6	1E-8	-	-
		Vapor	-	8E+4	3E-5	1E-7	-	-
		Organic D	6E+4	2E+5	7E-5	2E-7	-	-
		St wall (1E+5)	-	-	-	-	1E-3	1E-2
		D, see ^{193m} Hg	6E+4	1E+5	6E-5	2E-7	8E-4	8E-3
80	Mercury-203	W, see ^{193m} Hg	-	2E+5	7E-5	2E-7	-	-
		Vapor	-	8E+2	4E-7	1E-9	-	-
		Organic D	5E+2	8E+2	3E-7	1E-9	7E-6	7E-5
		D, see ^{193m} Hg	2E+3	1E+3	5E-7	2E-9	3E-5	3E-4
81	Thallium-194m ²	W, see ^{193m} Hg	-	1E+3	5E-7	2E-9	-	-
		D, all compounds	5E+4	2E+5	6E-5	2E-7	-	-
81	Thallium-194 ²	St wall (7E+4)	-	-	-	-	1E-3	1E-2
		D, all compounds	3E+5	6E+5	2E-4	8E-7	-	-
81	Thallium-195 ²	St wall (3E+5)	-	-	-	-	4E-3	4E-2
		D, all compounds	6E+4	1E+5	5E-5	2E-7	9E-4	9E-3
81	Thallium-197	D, all compounds	7E+4	1E+5	5E-5	2E-7	1E-3	1E-2
81	Thallium-198m ²	D, all compounds	3E+4	5E+4	2E-5	8E-8	4E-4	4E-3
81	Thallium-198	D, all compounds	2E+4	3E+4	1E-5	5E-8	3E-4	3E-3
81	Thallium-199	D, all compounds	6E+4	8E+4	4E-5	1E-7	9E-4	9E-3
81	Thallium-200	D, all compounds	8E+3	1E+4	5E-6	2E-8	1E-4	1E-3
81	Thallium-201	D, all compounds	2E+4	2E+4	9E-6	3E-8	2E-4	2E-3
81	Thallium-202	D, all compounds	4E+3	5E+3	2E-6	7E-9	5E-5	5E-4
81	Thallium-204	D, all compounds	2E+3	2E+3	9E-7	3E-9	2E-5	2E-4
82	Lead-195m ²	D, all compounds	6E+4	2E+5	8E-5	3E-7	8E-4	8E-3
82	Lead-198	D, all compounds	3E+4	6E+4	3E-5	9E-8	4E-4	4E-3
82	Lead-199 ²	D, all compounds	2E+4	7E+4	3E-5	1E-7	3E-4	3E-3
82	Lead-200	D, all compounds	3E+3	6E+3	3E-6	9E-9	4E-5	4E-4

Atomic No.	Radionuclide	Class	Table 1 Occupational Values			Table II Effluent Concentration		Table III Releases to Sewers
			Col. 1 Oral Ingestion ALI μCi	Col. 2 ALI μCi	Col. 3 Inhalation DAC μCi/ml	Col. 1 Air μCi/ml	Col. 2 Water μCi/ml	Monthly Average Concen- tration μCi/ml
82	Lead-201	D, all compounds	7E+3	2E+4	8E-6	3E-8	1E-4	1E-3
82	Lead-202m	D, all compounds	9E+3	3E+4	1E-5	4E-8	1E-4	1E-3
82	Lead-202	D, all compounds	1E+2	5E+1	2E-8	7E-11	2E-6	2E-5
82	Lead-203	D, all compounds	5E+3	9E+3	4E-6	1E-8	7E-5	7E-4
82	Lead-205	D, all compounds	4E+3	1E+3	6E-7	2E-9	5E-5	5E-4
82	Lead-209	D, all compounds	2E+4	6E+4	2E-5	8E-8	3E-4	3E-3
82	Lead-210	D, all compounds	6E-1 Bone surf (1E+0)	2E-1 Bone surf (4E-1)	1E-10 -	- 6E-13	- 1E-8	- 1E-7
82	Lead-211 ²	D, all compounds	1E+4	6E+2	3E-7	9E-10	2E-4	2E-3
82	Lead-212	D, all compounds	8E+1 Bone surf (1E+2)	3E+1 -	1E-8 -	5E-11 -	- 2E-6	- 2E-5
82	Lead-214 ²	D, all compounds	9E+3	8E+2	3E-7	1E-9	1E-4	1E-3
83	Bismuth-200 ²	D, nitrates	3E+4	8E+4	4E-5	1E-7	4E-4	4E-3
		W, all other compounds	-	1E+5	4E-5	1E-7	-	-
83	Bismuth-201 ²	D, see ²⁰⁰ Bi	1E+4	3E+4	1E-5	4E-8	2E-4	2E-3
		W, see ²⁰⁰ Bi	-	4E+4	2E-5	5E-8	-	-
83	Bismuth-202 ²	D, see ²⁰⁰ Bi	1E+4	4E+4	2E-5	6E-8	2E-4	2E-3
		W, see ²⁰⁰ Bi	-	8E+4	3E-5	1E-7	-	-
83	Bismuth-203	D, see ²⁰⁰ Bi	2E+3	7E+3	3E-6	9E-9	3E-5	3E-4
		W, see ²⁰⁰ Bi	-	6E+3	3E-6	9E-9	-	-
83	Bismuth-205	D, see ²⁰⁰ Bi	1E+3	3E+3	1E-6	3E-9	2E-5	2E-4
		W, see ²⁰⁰ Bi	-	1E+3	5E-7	2E-9	-	-
83	Bismuth-206	D, see ²⁰⁰ Bi	6E+2	1E+3	6E-7	2E-9	9E-6	9E-5
		W, see ²⁰⁰ Bi	-	9E+2	4E-7	1E-9	-	-
83	Bismuth-207	D, see ²⁰⁰ Bi	1E+3	2E+3	7E-7	2E-9	1E-5	1E-4
		W, see ²⁰⁰ Bi	-	4E+2	1E-7	5E-10	-	-
83	Bismuth-210m	D, see ²⁰⁰ Bi	4E+1 Kidneys (6E+1)	5E+0 Kidneys (6E+0)	2E-9 -	- 9E-12	- 8E-7	- 8E-6

Atomic No.	Radionuclide	Class	Table 1 Occupational Values			Table II Effluent Concentration		Table III Releases to Sewers
			Col. 1 Oral Ingestion ALI μCi	Col. 2 ALI μCi	Col. 3 Inhalation DAC μCi/ml	Col. 1 Air μCi/ml	Col. 2 Water μCi/ml	Monthly Average Concentration μCi/ml
		W, see ²⁰⁰ Bi	-	7E-1	3E-10	9E-13	-	-
83	Bismuth-210	D, see ²⁰⁰ Bi	8E+2	2E+2	1E-7	-	1E-5	1E-4
			-	Kidneys (4E+2)	-	5E-10	-	-
		W, see ²⁰⁰ Bi	-	3E+1	1E-8	4E-11	-	-
83	Bismuth-212 ²	D, see ²⁰⁰ Bi	5E+3	2E+2	1E-7	3E-10	7E-5	7E-4
		W, see ²⁰⁰ Bi	-	3E+2	1E-7	4E-10	-	-
83	Bismuth-213 ²	D, see ²⁰⁰ Bi	7E+3	3E+2	1E-7	4E-10	1E-4	1E-3
		W, see ²⁰⁰ Bi	-	4E+2	1E-7	5E-10	-	-
83	Bismuth-214 ²	D, see ²⁰⁰ Bi	2E+4	8E+2	3E-7	1E-9	-	-
			St wall (2E+4)	-	-	-	3E-4	3E-3
		W, see ²⁰⁰ Bi	-	9E-2	4E-7	1E-9	-	-
84	Polonium-203 ²	D, all compounds except those given for W	3E+4	6E+4	3E-5	9E-8	3E-4	3E-3
		W, oxides, hydroxides, and nitrates	-	9E+4	4E-5	1E-7	-	-
84	Polonium-205 ²	D, see ²⁰³ Po	2E+4	4E+4	2E-5	5E-8	3E-4	3E-3
		W, see ²⁰³ Po	-	7E+4	3E-5	1E-7	-	-
84	Polonium-207	D, see ²⁰³ Po	8E+3	3E+4	1E-5	3E-8	1E-4	1E-3
		W, see ²⁰³ Po	-	3E+4	1E-5	4E-8	-	-
84	Polonium-210	D, see ²⁰³ Po	3E+0	6E-1	3E-10	9E-13	4E-8	4E-7
		W, see ²⁰³ Po	-	6E-1	3E-10	9E-13	-	-
85	Astatine-207 ²	D, halides	6E+3	3E+3	1E-6	4E-9	8E-5	8E-4
		W	-	2E+3	9E-7	3E-9	-	-
85	Astatine-211	D, halides	1E+2	8E+1	3E-8	1E-10	2E-6	2E-5
		W	-	5E+1	2E-8	8E-11	-	-
86	Radon-220	With daughters removed	-	2E+4	7E-6	2E-8	-	-
		With daughters present	-	2E+1	9E-9	3E-11	-	-
				(or 12 work- ing level months)		(or 1.0 working level)		
86	Radon-222	With daughters removed	-	1E+4	4E-6	1E-8	-	-
		With daughters present	-	1E+2	3E-8	1E-10	-	-
				(or 4 work- ing level months)		(or 0.33 working level)		

Atomic No.	Radionuclide	Class	Table 1 Occupational Values			Table II Effluent Concentration		Table III Releases to Sewers
			Col. 1 Oral Ingestion ALI μCi	Col. 2 ALI μCi	Col. 3 Inhalation DAC μCi/ml	Col. 1 Air μCi/ml	Col. 2 Water μCi/ml	Monthly Average Concen- tration μCi/ml
87	Francium-222 ²	D, all compounds	2E+3	5E+2	2E-7	6E-10	3E-5	3E-4
87	Francium-223 ²	D, all compounds	6E+2	8E+2	3E-7	1E-9	8E-6	8E-5
88	Radium-223	W, all compounds	5E+0	7E-1	3E-10	9E-13	-	-
			Bone surf (9E+0)	-	-	-	1E-7	1E-6
88	Radium-224	W, all compounds	8E+0	2E+0	7E-10	2E-12	-	-
			Bone surf (2E+1)	-	-	-	2E-7	2E-6
88	Radium-225	W, all compounds	8E+0	7E-1	3E-10	9E-13	-	-
			Bone surf (2E+1)	-	-	-	2E-7	2E-6
88	Radium-226	W, all compounds	2E+0	6E-1	3E-10	9E-13	-	-
			Bone surf (5E+0)	-	-	-	6E-8	6E-7
88	Radium-227 ²	W, all compounds	2E+4	1E+4	6E-6	-	-	-
			Bone surf (2E+4)	Bone surf (2E+4)	-	3E-8	3E-4	3E-3
88	Radium-228	W, all compounds	2E+0	1E+0	5E-10	2E-12	-	-
			Bone surf (4E+0)	-	-	-	6E-8	6E-7
89	Actinium-224	D, all compounds except those given for W and Y	2E+3	3E+1	1E-8	-	-	-
			LLI wall (2E+3)	Bone surf (4E+1)	-	5E-11	3E-5	3E-4
		W, halides and nitrates	-	5E+1	2E-8	7E-11	-	-
		Y, oxides and hydroxides	-	5E+1	2E-8	6E-11	-	-
89	Actinium-225	D, see ²²⁴ Ac	5E+1	3E-1	1E-10	-	-	-
			LLI wall (5E+1)	Bone surf (5E-1)	-	7E-13	7E-7	7E-6
		W, see ²²⁴ Ac	-	6E-1	3E-10	9E-13	-	-
		Y, see ²²⁴ Ac	-	6E-1	3E-10	9E-13	-	-
89	Actinium-226	D, see ²²⁴ Ac	1E+2	3E+0	1E-9	-	-	-
			LLI wall (1E+2)	Bone surf (4E+0)	-	5E-12	2E-6	2E-5
		W, see ²²⁴ Ac	-	5E+0	2E-9	7E-12	-	-
		Y, see ²²⁴ Ac	-	5E+0	2E-9	6E-12	-	-
89	Actinium-227	D, see ²²⁴ Ac	2E-1	4E-4	2E-13	-	-	-
			Bone surf (4E-1)	Bone surf (8E-4)	-	1E-15	5E-9	5E-8

Atomic No.	Radionuclide	Class	Table 1 Occupational Values			Table II Effluent Concentration		Table III Releases to Sewers
			Col. 1 Oral Ingestion	Col. 2	Col. 3	Col. 1	Col. 2	Monthly Average Concentration
			ALI μCi	Inhalation		Air μCi/ml	Water μCi/ml	μCi/ml
				ALI μCi	DAC μCi/ml			
89	Actinium-228	W, see ²²⁴ Ac	-	2E-3	7E-13	-	-	-
			-	Bone surf (3E-3)	-	4E-15	-	-
		Y, see ²²⁴ Ac	-	4E-3	2E-12	6E-15	-	-
		D, see ²²⁴ Ac	2E+3	9E+0	4E-9	-	3E-5	3E-4
			-	Bone surf (2E+1)	-	2E-11	-	-
		W, see ²²⁴ Ac	-	4E+1	2E-8	-	-	-
			-	Bone surf (6E+1)	-	8E-11	-	-
		Y, see ²²⁴ Ac	-	4E+1	2E-8	6E-11	-	-
		W, all compounds except those given for Y	5E+3	2E+2	6E-8	2E-10	-	-
			St wall (5E+3)	-	-	-	7E-5	7E-4
		Y, oxides and hydroxides	-	1E+2	6E-8	2E-10	-	-
			-	-	-	-	-	-
90	Thorium-227	W, see ²²⁶ Th	1E+2	3E-1	1E-10	5E-13	2E-6	2E-5
		Y, see ²²⁶ Th	-	3E-1	1E-10	5E-13	-	-
90	Thorium-228	W, see ²²⁶ Th	6E+0	1E-2	4E-12	-	-	-
			Bone surf (1E+1)	Bone surf (2E-2)	-	3E-14	2E-7	2E-6
		Y, see ²²⁶ Th	-	2E-2	7E-12	2E-14	-	-
			-	-	-	-	-	-
90	Thorium-229	W, see ²²⁶ Th	6E-1	9E-4	4E-13	-	-	-
			Bone surf (1E+0)	Bone surf (2E-3)	-	3E-15	2E-8	2E-7
		Y, see ²²⁶ Th	-	2E-3	1E-12	-	-	-
			-	Bone surf (3E-3)	-	4E-15	-	-
90	Thorium-230	W, see ²²⁶ Th	4E+0	6E-3	3E-12	-	-	-
			Bone surf (9E+0)	Bone surf (2E-2)	-	2E-14	1E-7	1E-6
		Y, see ²²⁶ Th	-	2E-2	6E-12	-	-	-
			-	Bone surf (2E-2)	-	3E-14	-	-
90	Thorium-231	W, see ²²⁶ Th	4E+3	6E+3	3E-6	9E-9	5E-5	5E-4
		Y, see ²²⁶ Th	-	6E+3	3E-6	9E-9	-	-
90	Thorium-232	W, see ²²⁶ Th	7E-1	1E-3	5E-13	-	-	-
			Bone surf (2E+0)	Bone surf (3E-3)	-	4E-15	3E-8	3E-7
		Y, see ²²⁶ Th	-	3E-3	1E-12	-	-	-

Atomic No.	Radionuclide	Class	Table 1 Occupational Values			Table II Effluent Concentration		Table III Releases to Sewers	
			Col. 1 Oral Ingestion ALI μCi	Col. 2	Col. 3	Col. 1 Air μCi/ml	Col. 2 Water μCi/ml	Monthly Average Concen- tration μCi/ml	
			-	Bone surf (4E-3)	-	6E-15	-	-	
90	Thorium-234	W, see ²²⁶ Th	3E+2	2E+2	8E-8	3E-10	-	-	
			LLI wall (4E+2)	-	-	-	5E-6	5E-5	
			Y, see ²²⁶ Th	-	2E+2	6E-8	2E-10	-	-
91	Protactinium-227 ²	W, all compounds except those given for Y Y, oxides and hydroxides	4E+3	1E+2	5E-8	2E-10	5E-5	5E-4	
			-	1E+2	4E-8	1E-10	-	-	
91	Protactinium-228	W, see ²²⁷ Pa	1E+3	1E+1	5E-9	-	2E-5	2E-4	
			-	Bone surf (2E+1)	-	3E-11	-	-	
			Y, see ²²⁷ Pa	-	1E+1	5E-9	2E-11	-	-
91	Protactinium-230	W, see ²²⁷ Pa	6E+2	5E+0	2E-9	7E-12	-	-	
			Bone surf (9E+2)	-	-	-	1E-5	1E-4	
			Y, see ²²⁷ Pa	-	4E+0	1E-9	5E-12	-	-
91	Protactinium-231	W, see ²²⁷ Pa	2E-1	2E-3	6E-13	-	-	-	
			Bone surf (5E-1)	Bone surf (4E-3)	-	6E-15	6E-9	6E-8	
			Y, see ²²⁷ Pa	-	4E-3	2E-12	-	-	-
			-	Bone surf (6E-3)	-	8E-15	-	-	
91	Protactinium-232	W, see ²²⁷ Pa	1E+3	2E+1	9E-9	-	2E-5	2E-4	
			-	Bone surf (6E+1)	-	8E-11	-	-	
			Y, see ²²⁷ Pa	-	6E+1	2E-8	-	-	-
			-	Bone surf (7E+1)	-	1E-10	-	-	
91	Protactinium-233	W, see ²²⁷ Pa	1E+3	7E+2	3E-7	1E-9	-	-	
			LLI wall (2E+3)	-	-	-	2E-5	2E-4	
			Y, see ²²⁷ Pa	-	6E+2	2E-7	8E-10	-	-
91	Protactinium-234	W, see ²²⁷ Pa	2E+3	8E+3	3E-6	1E-8	3E-5	3E-4	
		Y, see ²²⁷ Pa	-	7E+3	3E-6	9E-9	-	-	
92	Uranium-230	D, UF ₆ , UO ₂ F ₂ , UO ₂ (NO ₃) ₂	4E+0	4E-1	2E-10	-	-	-	
			Bone surf (6E+0)	Bone surf (6E-1)	-	8E-13	8E-8	8E-7	
		W, UO ₃ , UF ₄ , UCl ₄	-	4E-1	1E-10	5E-13	-	-	
		Y, UO ₂ , U ₃ O ₈	-	3E-1	1E-10	4E-13	-	-	

Atomic No.	Radionuclide	Class	Table 1 Occupational Values			Table II Effluent Concentration		Table III Releases to Sewers
			Col. 1 Oral Ingestion	Col. 2	Col. 3	Col. 1	Col. 2	Monthly Average Concen- tration
			ALI μCi	Inhalation		Air μCi/ml	Water μCi/ml	μCi/ml
92	Uranium-231	D, see ²³⁰ U	5E+3	8E+3	3E-6	1E-8	-	-
			LLI wall (4E+3)	-	-	-	6E-5	6E-4
		W, see ²³⁰ U	-	6E+3	2E-6	8E-9	-	-
		Y, see ²³⁰ U	-	5E+3	2E-6	6E-9	-	-
92	Uranium-232	D, see ²³⁰ U	2E+0	2E-1	9E-11	-	-	-
			Bone surf (4E+0)	Bone surf (4E-1)	-	6E-13	6E-8	6E-7
		W, see ²³⁰ U	-	4E-1	2E-10	5E-13	-	-
		Y, see ²³⁰ U	-	8E-3	3E-12	1E-14	-	-
92	Uranium-233	D, see ²³⁰ U	1E+1	1E+0	5E-10	-	-	-
			Bone surf (2E+1)	Bone surf (2E+0)	-	3E-12	3E-7	3E-6
		W, see ²³⁰ U	-	7E-1	3E-10	1E-12	-	-
		Y, see ²³⁰ U	-	4E-2	2E-11	5E-14	-	-
92	Uranium-234 ³	D, see ²³⁰ U	1E+1	1E+0	5E-10	-	-	-
			Bone surf (2E+1)	Bone surf (2E+0)	-	3E-12	3E-7	3E-6
		W, see ²³⁰ U	-	7E-1	3E-10	1E-12	-	-
		Y, see ²³⁰ U	-	4E-2	2E-11	5E-14	-	-
92	Uranium-235 ³	D, see ²³⁰ U	1E+1	1E+0	6E-10	-	-	-
			Bone surf (2E+1)	Bone surf (2E+0)	-	3E-12	3E-7	3E-6
		W, see ²³⁰ U	-	8E-1	3E-10	1E-12	-	-
		Y, see ²³⁰ U	-	4E-2	2E-11	6E-14	-	-
92	Uranium-236	D, see ²³⁰ U	1E+1	1E+0	5E-10	-	-	-
			Bone surf (2E+1)	Bone surf (2E+0)	-	3E-12	3E-7	3E-6
		W, see ²³⁰ U	-	8E-1	3E-10	1E-12	-	-
		Y, see ²³⁰ U	-	4E-2	2E-11	6E-14	-	-
92	Uranium-237	D, see ²³⁰ U	2E+3	3E+3	1E-6	4E-9	-	-
			LLI wall (2E+3)	-	-	-	3E-5	3E-4
		W, see ²³⁰ U	-	2E+3	7E-7	2E-9	-	-
		Y, see ²³⁰ U	-	2E+3	6E-7	2E-9	-	-
92	Uranium-238 ³	D, see ²³⁰ U	1E+1	1E+0	6E-10	-	-	-
			Bone surf (2E+1)	Bone surf (2E+0)	-	3E-12	3E-7	3E-6
		W, see ²³⁰ U	-	8E-1	3E-10	1E-12	-	-
		Y, see ²³⁰ U	-	4E-2	2E-11	6E-14	-	-

Atomic No.	Radionuclide	Class	Table 1 Occupational Values			Table II Effluent Concentration		Table III Releases to Sewers
			Col. 1 Oral Ingestion ALI μCi	Col. 2 ALI μCi	Col. 3 Inhalation DAC μCi/ml	Col. 1 Air μCi/ml	Col. 2 Water μCi/ml	Monthly Average Concen- tration μCi/ml
92	Uranium-239 ²	D, see ²³⁰ U	7E+4	2E+5	8E-5	3E-7	9E-4	9E-3
		W, see ²³⁰ U	-	2E+5	7E-5	2E-7	-	-
		Y, see ²³⁰ U	-	2E+5	6E-5	2E-7	-	-
92	Uranium-240	D, see ²³⁰ U	1E+3	4E+3	2E-6	5E-9	2E-5	2E-4
		W, see ²³⁰ U	-	3E+3	1E-6	4E-9	-	-
		Y, see ²³⁰ U	-	2E+3	1E-6	3E-9	-	-
92	Uranium-natural ³	D, see ²³⁰ U	1E+1	1E+0	5E-10	-	-	-
			Bone surf (2E+1)	Bone surf (2E+0)	-	3E-12	3E-7	3E-6
		W, see ²³⁰ U	-	8E-1	3E-10	9E-13	-	-
		Y, see ²³⁰ U	-	5E-2	2E-11	9E-14	-	-
93	Neptunium-232 ²	W, all compounds	1E+5	2E+3	7E-7	-	2E-3	2E-2
			-	Bone surf (5E+2)	-	6E-9	-	-
93	Neptunium-233 ²	W, all compounds	8E+5	3E+6	1E-3	4E-6	1E-2	1E-1
93	Neptunium-234	W, all compounds	2E+3	3E+3	1E-6	4E-9	3E-5	3E-4
93	Neptunium-235	W, all compounds	2E+4	8E+2	3E-7	-	-	-
			LLI wall (2E+4)	Bone surf (1E+3)	-	2E-9	3E-4	3E-3
93	Neptunium-236 (1.15E+5 y)	W, all compounds	3E+0	2E-2	9E-12	-	-	-
			Bone surf (6E+0)	Bone surf (5E-2)	-	8E-14	9E-8	9E-7
93	Neptunium-236 (22.5 h)	W, all compounds	3E+3	3E+1	1E-8	-	-	-
			Bone surf (4E+3)	Bone surf (7E+1)	-	1E-10	5E-5	5E-4
93	Neptunium-237	W, all compounds	5E-1	4E-3	2E-12	-	-	-
			Bone surf (1E+0)	Bone surf (1E-2)	-	1E-14	2E-8	2E-7
93	Neptunium-238	W, all compounds	1E+3	6E+1	3E-8	-	2E-5	2E-4
			-	Bone surf (2E+2)	-	2E-10	-	-
93	Neptunium-239	W, all compounds	2E+3	2E+3	9E-7	3E-9	-	-
			LLI wall (2E+3)	-	-	-	2E-5	2E-4
93	Neptunium-240 ²	W, all compounds	2E+4	8E+4	3E-5	1E-7	3E-4	3E-3

			Table I Occupational Values			Table II Effluent Concentration		Table III Releases to Sewers
Atomic No.	Radionuclide	Class	Col. 1 Oral Ingestion	Inhalation		Col. 1	Col. 2	Monthly Average Concen- tration μCi/ml
			ALI μCi	ALI μCi	DAC μCi/ml	Air μCi/ml	Water μCi/ml	
94	Plutonium-234	W, all compounds except PuO ₂	8E+3	2E+2	9E-8	3E-10	1E-4	1E-3
		Y, PuO ₂	-	2E+2	8E-8	3E-10	-	-
94	Plutonium-235 ²	W, see ²³⁴ Pu	9E+5	3E+6	1E-3	4E-6	1E-2	1E-1
		Y, see ²³⁴ Pu	-	3E+6	1E-3	3E-6	-	-
94	Plutonium-236	W, see ²³⁴ Pu	2E+0	2E-2	8E-12	-	-	-
		Bone surf (4E+0)	Bone surf (4E-2)	-	5E-14	6E-8	6E-7	
		Y, see ²³⁴ Pu	-	4E-2	2E-11	6E-14	-	-
94	Plutonium-237	W, see ²³⁴ Pu	1E+4	3E+3	1E-6	5E-9	2E-4	2E-3
		Y, see ²³⁴ Pu	-	3E+3	1E-6	4E-9	-	-
94	Plutonium-238	W, see ²³⁴ Pu	9E-1	7E-3	3E-12	-	-	-
		Bone surf (2E+0)	Bone surf (1E-2)	-	2E-14	2E-8	2E-7	
		Y, see ²³⁴ Pu	-	2E-2	8E-12	2E-14	-	-
94	Plutonium-239	W, see ²³⁴ Pu	8E-1	6E-3	3E-12	-	-	-
		Bone surf (1E+0)	Bone surf (1E-2)	-	2E-14	2E-8	2E-7	
		Y, see ²³⁴ Pu	-	2E-2	7E-12	-	-	-
		Bone surf (2E-2)	-	2E-14	-	-	-	
94	Plutonium-240	W, see ²³⁴ Pu	8E-1	6E-3	3E-12	-	-	-
		Bone surf (1E+0)	Bone surf (1E-2)	-	2E-14	2E-8	2E-7	
		Y, see ²³⁴ Pu	-	2E-2	7E-12	-	-	-
		Bone surf (2E-2)	-	2E-14	-	-	-	
94	Plutonium-241	W, see ²³⁴ Pu	4E+1	3E-1	1E-10	-	-	-
		Bone surf (7E+1)	Bone surf (6E-1)	-	8E-13	1E-6	1E-5	
		Y, see ²³⁴ Pu	-	8E-1	3E-10	-	-	-
		Bone surf (1E+0)	-	1E-12	-	-	-	
94	Plutonium-242	W, see ²³⁴ Pu	8E-1	7E-3	3E-12	-	-	-
		Bone surf (1E+0)	Bone surf (1E-2)	-	2E-14	2E-8	2E-7	
		Y, see ²³⁴ Pu	-	2E-2	7E-12	-	-	-
		Bone surf (2E-2)	-	2E-14	-	-	-	

Atomic No.	Radionuclide	Class	Table 1 Occupational Values			Table II Effluent Concentration		Table III Releases to Sewers
			Col. 1 Oral Ingestion ALI μCi	Col. 2 ALI μCi	Col. 3 DAC μCi/ml	Col. 1 Air μCi/ml	Col. 2 Water μCi/ml	Monthly Average Concen- tration μCi/ml
94	Plutonium-243	W, see ²³⁴ Pu	2E+4	4E+4	2E-5	5E-8	2E-4	2E-3
		Y, see ²³⁴ Pu	-	4E+4	2E-5	5E-8	-	-
94	Plutonium-244	W, see ²³⁴ Pu	8E-1	7E-3	3E-12	-	-	-
			Bone surf (2E+0)	Bone surf (1E-2)	-	2E-14	2E-8	2E-7
		Y, see ²³⁴ Pu	-	2E-2	7E-12	-	-	-
			-	Bone surf (2E-2)	-	2E-14	-	-
94	Plutonium-245	W, see ²³⁴ Pu	2E+3	5E+3	2E-6	6E-9	3E-5	3E-4
		Y, see ²³⁴ Pu	-	4E+3	2E-6	6E-9	-	-
94	Plutonium-246	W, see ²³⁴ Pu	4E+2	3E+2	1E-7	4E-10	-	-
			LLI wall (4E+2)	-	-	-	6E-6	6E-5
		Y, see ²³⁴ Pu	-	3E+2	1E-7	4E-10	-	-
95	Americium-237 ²	W, all compounds	8E+4	3E+5	1E-4	4E-7	1E-3	1E-2
95	Americium-238 ²	W, all compounds	4E+4	3E+3	1E-6	-	5E-4	5E-3
			-	Bone surf (6E+3)	-	9E-9	-	-
95	Americium-239	W, all compounds	5E+3	1E+4	5E-6	2E-8	7E-5	7E-4
95	Americium-240	W, all compounds	2E+3	3E+3	1E-6	4E-9	3E-5	3E-4
95	Americium-241	W, all compounds	8E-1	6E-3	3E-12	-	-	-
			Bone surf (1E+0)	Bone surf (1E-2)	-	2E-14	2E-8	2E-7
95	Americium-242m	W, all compounds	8E-1	6E-3	3E-12	-	-	-
			Bone surf (1E+0)	Bone surf (1E-2)	-	2E-14	2E-8	2E-7
95	Americium-242	W, all compounds	4E+3	8E+1	4E-8	-	5E-5	5E-4
			-	Bone surf (9E+1)	-	1E-10	-	-
95	Americium-243	W, all compounds	8E-1	6E-3	3E-12	-	-	-
			Bone surf (1E+0)	Bone surf (1E-2)	-	2E-14	2E-8	2E-7
95	Americium-244m ²	W, all compounds	6E+4	4E+3	2E-6	-	-	-
			St wall (8E+4)	Bone surf (7E+3)	-	1E-8	1E-3	1E-2

Atomic No.	Radionuclide	Class	Table 1 Occupational Values			Table II Effluent Concentration		Table III Releases to Sewers
			Col. 1 Oral Ingestion ALI μCi	Col. 2 Inhalation ALI μCi	Col. 3 DAC μCi/ml	Col. 1 Air μCi/ml	Col. 2 Water μCi/ml	Monthly Average Concen- tration μCi/ml
95	Americium-244	W, all compounds	3E+3	2E+2	8E-8	-	4E-5	4E-4
			-	Bone surf (3E+2)	-	4E-10	-	-
95	Americium-245	W, all compounds	3E+4	8E+4	3E-5	1E-7	4E-4	4E-3
95	Americium-246m ²	W, all compounds	5E+4	2E+5	8E-5	3E-7	-	-
			St wall (6E+4)	-	-	-	8E-4	8E-3
95	Americium-246 ²	W, all compounds	3E+4	1E+5	4E-5	1E-7	4E-4	4E-3
96	Curium-238	W, all compounds	2E+4	1E+3	5E-7	2E-9	2E-4	2E-3
96	Curium-240	W, all compounds	6E+1	6E-1	2E-10	-	-	-
			Bone surf (8E+1)	Bone surf (6E-1)	-	9E-13	1E-6	1E-5
96	Curium-241	W, all compounds	1E+3	3E+1	1E-8	-	2E-5	2E-4
			-	Bone surf (4E+1)	-	5E-11	-	-
96	Curium-242	W, all compounds	3E+1	3E-1	1E-10	-	-	-
			Bone surf (5E+1)	Bone surf (3E-1)	-	4E-13	7E-7	7E-6
96	Curium-243	W, all compounds	1E+0	9E-3	4E-12	-	-	-
			Bone surf (2E+0)	Bone surf (2E-2)	-	2E-14	3E-8	3E-7
96	Curium-244	W, all compounds	1E+0	1E-2	5E-12	-	-	-
			Bone surf (3E+0)	Bone surf (2E-2)	-	3E-14	3E-8	3E-7
96	Curium-245	W, all compounds	7E-1	6E-3	3E-12	-	-	-
			Bone surf (1E+0)	Bone surf (1E-2)	-	2E-14	2E-8	2E-7
96	Curium-246	W, all compounds	7E-1	6E-3	3E-12	-	-	-
			Bone surf (1E+0)	Bone surf (1E-2)	-	2E-14	2E-8	2E-7
96	Curium-247	W, all compounds	8E-1	6E-3	3E-12	-	-	-
			Bone surf (1E+0)	Bone surf (1E-2)	-	2E-14	2E-8	2E-7
96	Curium-248	W, all compounds	2E-1	2E-3	7E-13	-	-	-
			Bone surf (4E-1)	Bone surf (3E-3)	-	4E-15	5E-9	5E-8

Atomic No.	Radionuclide	Class	Table 1 Occupational Values			Table II Effluent Concentration		Table III Releases to Sewers
			Col. 1 Oral Ingestion ALI μCi	Col. 2 Inhalation ALI μCi	Col. 3 DAC μCi/ml	Col. 1 Air μCi/ml	Col. 2 Water μCi/ml	Monthly Average Concen- tration μCi/ml
96	Curium-249 ²	W, all compounds	5E+4	2E+4	7E-6	-	7E-4	7E-3
			-	Bone surf (3E+4)	-	4E-8	-	-
96	Curium-250	W, all compounds	4E-2	3E-4	1E-13	-	-	-
			Bone surf (6E-2)	Bone surf (5E-4)	-	8E-16	9E-10	9E-9
97	Berkelium-245	W, all compounds	2E+3	1E+3	5E-7	2E-9	3E-5	3E-4
97	Berkelium-246	W, all compounds	3E+3	3E+3	1E-6	4E-9	4E-5	4E-4
97	Berkelium-247	W, all compounds	5E-1	4E-3	2E-12	-	-	-
			Bone surf (1E+0)	Bone surf (9E-3)	-	1E-14	2E-8	2E-7
97	Berkelium-249	W, all compounds	2E+2	2E+0	7E-10	-	-	-
			Bone surf (5E+2)	Bone surf (4E+0)	-	5E-12	6E-6	6E-5
97	Berkelium-250	W, all compounds	9E+3	3E+2	1E-7	-	1E-4	1E-3
			-	Bone surf (7E+2)	-	1E-9	-	-
98	Californium-244 ²	W, all compounds except those given for Y	3E+4	6E+2	2E-7	8E-10	-	-
			St wall (3E+4)	-	-	-	4E-4	4E-3
		Y, oxides and hydroxides	-	6E+2	2E-7	8E-10	-	-
98	Californium-246	W, see ²⁴⁴ Cf	4E+2	9E+0	4E-9	1E-11	5E-6	5E-5
		Y, see ²⁴⁴ Cf	-	9E+0	4E-9	1E-11	-	-
98	Californium-248	W, see ²⁴⁴ Cf	8E+0	6E-2	3E-11	-	-	-
			Bone surf (2E+1)	Bone surf (1E-1)	-	2E-13	2E-7	2E-6
		Y, see ²⁴⁴ Cf	-	1E-1	4E-11	1E-13	-	-
98	Californium-249	W, see ²⁴⁴ Cf	5E-1	4E-3	2E-12	-	-	-
			Bone surf (1E+0)	Bone surf (9E-3)	-	1E-14	2E-8	2E-7
		Y, see ²⁴⁴ Cf	-	1E-2	4E-12	-	-	-
			-	Bone surf (1E-2)	-	2E-14	-	-
98	Californium-250	W, see ²⁴⁴ Cf	1E+0	9E-3	4E-12	-	-	-
			Bone surf (2E+0)	Bone surf (2E-2)	-	3E-14	3E-8	3E-7
		Y, see ²⁴⁴ Cf	-	3E-2	1E-11	4E-14	-	-

Atomic No.	Radionuclide	Class	Table 1 Occupational Values			Table II Effluent Concentration		Table III Releases to Sewers
			Col. 1 Oral Ingestion	Col. 2	Col. 3	Col. 1	Col. 2	Monthly Average Concen- tration
			ALI μCi	ALI μCi	DAC μCi/ml	Air μCi/ml	Water μCi/ml	μCi/ml
98	Californium-251	W, see ²⁴⁴ Cf	5E-1	4E-3	2E-12	-	-	-
			Bone surf (1E+0)	Bone surf (9E-3)	-	1E-14	2E-8	2E-7
		Y, see ²⁴⁴ Cf	-	1E-2	4E-12	-	-	-
			-	Bone surf (1E-2)	-	2E-14	-	-
98	Californium-252	W, see ²⁴⁴ Cf	2E+0	2E-2	8E-12	-	-	-
			Bone surf (5E+0)	Bone surf (4E-2)	-	5E-14	7E-8	7E-7
		Y, see ²⁴⁴ Cf	-	3E-2	1E-11	5E-14	-	-
98	Californium-253	W, see ²⁴⁴ Cf	2E+2	2E+0	8E-10	3E-12	-	-
			Bone surf (4E+2)	-	-	-	5E-6	5E-5
		Y, see ²⁴⁴ Cf	-	2E+0	7E-10	2E-12	-	-
98	Californium-254	W, see ²⁴⁴ Cf	2E+0	2E-2	9E-12	3E-14	3E-8	3E-7
		Y, see ²⁴⁴ Cf	-	2E-2	7E-12	2E-14	-	-
99	Einsteinium-250	W, all compounds	4E+4	5E+2	2E-7	-	6E-4	6E-3
			-	Bone surf (1E+3)	-	2E-9	-	-
99	Einsteinium-251	W, all compounds	7E+3	9E+2	4E-7	-	1E-4	1E-3
			-	Bone surf (1E+3)	-	2E-9	-	-
99	Einsteinium-253	W, all compounds	2E+2	1E+0	6E-10	2E-12	2E-6	2E-5
99	Einsteinium-254m	W, all compounds	3E+2	1E+1	4E-9	1E-11	-	-
			LLI wall (3E+2)	-	-	-	4E-6	4E-5
99	Einsteinium-254	W, all compounds	8E+0	7E-2	3E-11	-	-	-
			Bone surf (2E+1)	Bone surf (1E-1)	-	2E-13	2E-7	2E-6
100	Fermium-252	W, all compounds	5E+2	1E+1	5E-9	2E-11	6E-6	6E-5
100	Fermium-253	W, all compounds	1E+3	1E+1	4E-9	1E-11	1E-5	1E-4
100	Fermium-254	W, all compounds	3E+3	9E+1	4E-8	1E-10	4E-5	4E-4
100	Fermium-255	W, all compounds	5E+2	2E+1	9E-9	3E-11	7E-6	7E-5
100	Fermium-257	W, all compounds	2E+1	2E-1	7E-11	-	-	-
			Bone surf (4E+1)	Bone surf (2E-1)	-	3E-13	5E-7	5E-6

Atomic No.	Radionuclide	Class	Table 1 Occupational Values			Table II Effluent Concentration		Table III Releases to Sewers
			Col. 1 Oral Ingestion	Col. 2	Col. 3	Col. 1	Col. 2	Monthly Average Concen- tration
			ALI μCi	ALI μCi	DAC μCi/ml	Air μCi/ml	Water μCi/ml	μCi/ml
101	Mendelevium-257	W, all compounds	7E+3	8E+1	4E-8	-	1E-4	1E-3
			-	Bone surf (9E+1)	-	1E-10	-	-
101	Mendelevium-258	W, all compounds	3E+1	2E-1	1E-10	-	-	-
			Bone surf (5E+1)	Bone surf (3E-1)	-	5E-13	6E-7	6E-6
-	Any single radionuclide not listed above with decay mode other than alpha emission or spontaneous fission and with radioactive half-life less than 2 hours	Submersion ¹	-	2E+2	1E-7	1E-9	-	-
-	Any single radionuclide not listed above with decay mode other than alpha emission or ((spontaneous)) spontaneous fission and with radioactive half-life less than 2 hours	-	2E-1	1E-10	1E-12	1E-8	1E-7
-	Any single radionuclide not listed above that decays by alpha emission or ((spontaneous)) <u>spontaneous</u> fission, or any mixture for which either the identity or the concentration of any radionuclide in the mixture is not known	-	4E-4	2E-13	1E-15	2E-9	2E-8

FOOTNOTES:

¹"Submersion" means that values given are for submersion in a hemispherical semi-infinite cloud of airborne material.

²These radionuclides have radiological half-lives of less than 2 hours. The total effective dose equivalent received during operations with these radionuclides might include a significant contribution from external exposure. The DAC values for all radionuclides, other than those designated Class "Submersion," are based upon the committed effective dose equivalent due to the intake of the radionuclide into the body and do NOT include potentially significant contributions to dose equivalent from external exposures. The licensee may substitute 1E-7 μCi/ml for the listed DAC to account for the submersion dose prospectively, but should use individual monitoring devices or other radiation measuring instruments that measure external exposure to demonstrate compliance with the limits. (See WAC 246-221-015(5).)

³For soluble mixtures of U-238, U-234, and U-235 in air, chemical toxicity may be the limiting factor (see WAC 246-221-010(5)). If the percent by weight (enrichment) of U-235 is not greater than 5, the concentration value for a 40-hour workweek is 0.2 milligrams uranium per cubic meter of air average. For any enrichment, the product of the average concentration and time of exposure during a 40-hour workweek shall not exceed 8E-3 (SA) μCi-hr/ml, where SA is the specific activity of the uranium inhaled. The specific activity for natural uranium is 6.77E-7 curies per gram U. The specific activity for other mixtures of U-238, U-235, and U-234, if not known, shall be:

$$SA = 3.6E-7 \text{ curies/gram U, U-depleted}$$

$$SA = [0.4 + 0.38 (\text{enrichment}) + 0.0034 (\text{enrichment})^2] E-6, \text{ enrichment} \geq 0.72$$

where enrichment is the percentage by weight of U-235, expressed as percent.

NOTE:

1. If the identity of each radionuclide in a mixture is known but the concentration of one or more of the radionuclides in the mixture is not known, the DAC for the mixture shall be the most restrictive DAC of any radionuclide in the mixture.
2. If the identity of each radionuclide in the mixture is not known, but it is known that certain radionuclides specified in this appendix are not present in the mixture, the inhalation ALI, DAC, and effluent and sewage concentrations for the mixture are the lowest values specified in this appendix for any radionuclide that is not known to be absent from the mixture; or

If it is known that Ac-227-D and Cm-250-W are not present	-	7E-4	3E-13	-	-	-
If, in addition, it is known that Ac-227-W,Y, Th-229-W,Y, Th-230-W, Th-232-W,Y, Pa-231-W,Y, Np-237-W, Pu-239-W, Pu-240-W, Pu-242-W, Am-241-W, Am-242m-W, Am-243-W, Cm-245-W, Cm-246-W, Cm-247-W, Cm-248-W, Bk-247-W, Cf-249-W, and Cf-251-W are not present	-	7E-3	3E-12	-	-	-
If, in addition, it is known that Sm-146-W, Sm-147-W, Gd-148-D,W, Gd-152-D,W, Th-228-W,Y, Th-230-Y, U-232-Y, U-233-Y, U-234-Y, U-235-Y, U-236-Y, U-238-Y, Np-236-W, Pu-236-W,Y, Pu-238-W,Y, Pu-239-Y, Pu-240-Y, Pu-242-Y, Pu-244-W,Y, Cm-243-W, Cm-244-W, Cf-248-W, Cf-249-Y, Cf-250-W,Y, Cf-251-Y, Cf-252-W,Y, and Cf-254-W,Y are not present	-	7E-2	3E-11	-	-	-
If, in addition, it is known that Pb-210-D, Bi-210m-W, Po-210-D,W, Ra-223-W, Ra-225-W, Ra-226-W, Ac-225-D,W,Y, Th-227-W,Y, U-230-D,W,Y, U-232-D,W, Pu-241-W, Cm-240-W, Cm-242-W, Cf-248-Y, Es-254-W, Fm-257-W, and Md-258-W are not present	-	7E-1	3E-10	-	-	-
If, in addition, it is known that Si-32-Y, Ti-44-Y, Fe-60-D, Sr-90-Y, Zr-93-D, Cd-113m-D, Cd-113-D, In-115-D,W, La-138-D, Lu-176-W, Hf-178m-D,W, Hf-182-D,W, Bi-210m-D, Ra-224-W, Ra-228-W, Ac-226-D,W,Y, Pa-230-W,Y, U-233-D,W, U-234-D,W, U-235-D,W, U-236-D,W, U-238-D,W, Pu-241-Y, Bk-249-W, Cf-253-W,Y, and Es-253-W are not present	-	7E+0	3E-9	-	-	-
If it is known that Ac-227-D,W,Y, Th-229-W,Y, Th-232-W,Y, Pa-231-W,Y, Cm-248-W, and Cm-250-W are not present	-	-	-	1E-14	-	-
If, in addition, it is known that Sm-146-W, Gd-148-D,W, Gd-152-D, Th-228-W,Y, Th-230-W,Y, U-232-Y, U-233-Y, U-234-Y, U-235-Y, U-236-Y, U-238-Y, U-Nat-Y, Np-236-W, Np-237-W, Pu-236-W,Y, Pu-238-W,Y, Pu-239-W,Y, Pu-240-W,Y, Pu-242-W,Y, Pu-244-W,Y, Am-241-W, Am-242m-W, Am-243-W, Cm-243-W, Cm-244-W, Cm-245-W, Cm-246-W, Cm-247-W, Bk-247-W, Cf-249-W,Y, Cf-250-W,Y, Cf-251-W,Y, Cf-252-W,Y, and Cf-254-W,Y are not present	-	-	-	1E-13	-	-
If, in addition, it is known that Sm-147-W, Gd-152-W, Pb-210-D, Bi-210m-W, Po-210-D,W, Ra-223-W, Ra-225-W, Ra-226-W, Ac-225-D,W,Y, Th-227-W,Y, U-230-D,W,Y, U-232-D,W, U-Nat-W, Pu-241-W, Cm-240-W, Cm-242-W, Cf-248-W,Y, Es-254-W, Fm-257-W, and Md-258-W are not present	-	-	-	-	1E-12	-
If, in addition, it is known that Fe-60, Sr-90, Cd-113m, Cd-113, In-115, I-129, Cs-134, Sm-145, Sm-147, Gd-148, Gd-152, Hg-194 (organic), Bi-210m, Ra-223, Ra-224, Ra-225, Ac-225, Th-228, Th-230, U-233, U-234, U-235, U-236, U-238, U-Nat, Cm-242, Cf-248, Es-254, Fm-257, and Md-258 are not present	-	-	-	-	1E-6	1E-5

- If a mixture of radionuclides consists of uranium and its daughters in ore dust (10 µm AMAD particle distribution assumed) prior to chemical separation of the uranium from the ore, the following values may be used for the DAC of the mixture: 6E-11 µCi of gross alpha activity from uranium-238, uranium-234, thorium-230, and radium-226 per milliliter of air; 3E-11 µCi of natural uranium per milliliter of air; or 45 micrograms of natural uranium per cubic meter of air.
- If the identity and concentration of each radionuclide in a mixture are known, the limiting values should be derived as follows: Determine, for each radionuclide in the mixture, the ratio between the concentration present in the mixture and the concentration otherwise established in this section for the specific radionuclide when not in a mixture. The sum of such ratios for all of the radionuclides in the mixture may not exceed "1" (i.e., "unity").
Example: If radionuclides "A," "B," and "C" are present in concentrations CA, CB, and CC, and if the applicable DACs are DAC_A, DAC_B, and DAC_C, respectively, then the concentrations shall be limited so that the following relationship exists:

$$\frac{C_A}{DAC_A} + \frac{C_B}{DAC_B} + \frac{C_C}{DAC_C} \leq 1$$

Reviser's note: The brackets and enclosed material in the text of the above section occurred in the copy filed by the agency and appear in the Register pursuant to the requirements of RCW 34.08.040.

AMENDATORY SECTION (Amending WSR 01-02-068, filed 12/29/00, effective 1/29/01)

WAC 246-232-006 Exemption of certain source material. (1) A person is exempt from this chapter and chapters 246-233 and 246-235 WAC to the extent that the person receives, possesses, uses, owns, or transfers source material

in any chemical mixture, compound, solution or alloy in which the source material is by weight less than 1/20 of one percent (0.05 percent) of the mixture, compound, solution, or alloy.

(2) A person is exempt from this chapter and chapters 246-233 and 246-235 WAC to the extent that the person receives, possesses, uses or transfers unrefined and unproc-

essed ore containing source material, provided such person shall not refine or process such ore unless authorized to do so in a specific license.

(3) A person is exempt from this chapter and chapters 246-233 and 246-235 WAC to the extent that the person receives, possesses, uses or transfers:

(a) Any quantities of thorium contained in:

(i) Incandescent gas mantles;

(ii) Vacuum tubes;

(iii) Welding rods;

(iv) Electric lamps for illuminating purposes if each lamp contains fifty milligrams or less of thorium;

(v) Germicidal lamps, sunlamps and lamps for outdoor or industrial lighting if each lamp contains two grams or less of thorium;

(vi) Rare earth metals and compounds, mixtures, and products containing 0.25 percent or less by weight thorium, uranium, or any combination of these; or

(vii) Personnel neutron dosimeters if each dosimeter contains 1.85 gigabecquerels (50 milligrams) or less of thorium;

(b) Source material contained in the following products:

(i) Glazed ceramic tableware if the glaze contains twenty percent or less by weight source material; and

(ii) Piezoelectric ceramic containing two percent or less by weight source material;

(c) Photographic film, negatives and prints containing uranium or thorium;

(d) Any finished product or part fabricated of, or containing, tungsten-thorium or magnesium-thorium alloys if the thorium content of the alloy is four percent or less by weight. The exemption contained in this subparagraph shall not be deemed to authorize the chemical, physical or metallurgical treatment or processing of any such product or part;

(e) Thorium contained in finished optical lenses if each lens contains thirty percent or less by weight of thorium. The exemption contained in this subparagraph shall not be deemed to authorize either:

(i) The shaping, grinding or polishing of lens or manufacturing processes other than the assembly of such lens into optical systems and devices without alteration of the lens; or

(ii) The receipt, possession, use or transfer of thorium contained in contact lenses, or in spectacles, or in eyepieces in binoculars or other optical instruments;

(f) Uranium contained in detector heads for use in fire detection units if each detector head contains 185 becquerels (0.005 microcuries) or less of uranium; or

(g) Thorium contained in any finished aircraft engine part containing nickel-thoria alloy if:

(i) The thorium is dispersed in the nickel-thoria alloy in the form of finely divided thoria (thorium dioxide); and

(ii) The thorium content in the nickel-thoria alloy is four percent or less by weight.

(4) The exemptions in subsection (3) of this section do not authorize the manufacture of any of the products described.

AMENDATORY SECTION (Amending WSR 01-02-068, filed 12/29/00, effective 1/29/01)

WAC 246-232-008 Exemption of certain timepieces, hands or dials. A person is exempt from these regulations to the extent the person receives, possesses, uses, transfers, owns or acquires, and does not apply radioactive material to, or incorporate radioactive material into, the following timepieces or hands or dials containing the following specified quantities of radioactive material and the following specified levels of radiation*:

*Note: Authority to transfer possession or control by the manufacturer, processor, or producer of any equipment, device, commodity, or other product containing source material or by-product material whose subsequent possession, use, transfer and disposal by all other persons who are exempted from regulatory requirements may be obtained only from the United States Nuclear Regulatory Commission, Washington, D.C. 20555.

(1)(a) 925 megabecquerels (25 millicuries) or less of tritium per timepiece;

(b) 185 megabecquerels (5 millicuries) or less of tritium per hand;

(c) 555 megabecquerels (15 millicuries) or less of tritium per dial (bezels when used shall be considered as part of the dial);

(d) 3.7 megabecquerels (100 microcuries) or less of promethium-147 per watch or 7.4 megabecquerels (200 microcuries) or less of promethium-147 per any other timepiece;

(e) 740 kilobecquerels (20 microcuries) or less of promethium-147 per watch hand or 1.48 megabecquerels (40 microcuries) or less of promethium-147 per other timepiece hand;

(f) 2.22 megabecquerels (60 microcuries) or less of promethium-147 per watch dial or 4.44 megabecquerels (120 microcuries) or less of promethium-147 per other timepiece dial (bezels when used shall be considered as part of the dial);

(2) The levels of radiation from hands and dials containing promethium-147 will not exceed, when measured through 50 milligrams per square centimeter of absorber:

(a) For wrist watches, 1 microgray (0.1 millirad) per hour at 10 centimeters from any surface;

(b) For pocket watches, 1 microgray (0.1 millirad) per hour at 1 centimeter from any surface;

(c) For any other timepiece, 2 micrograys (0.2 millirad) per hour at 10 centimeters from any surface.

(3) ~~((One))~~ 37 kilobecquerels (1 microcurie) of radium-226 per timepiece in timepieces manufactured prior to the effective date of these regulations.

AMENDATORY SECTION (Amending WSR 01-02-068, filed 12/29/00, effective 1/29/01)

WAC 246-232-009 Exemption of certain items containing radioactive material. A person is exempt from these regulations to the extent the person receives, possesses, uses, transfers, owns or acquires, and does not apply radioactive material to, or incorporate radioactive material into, the following products*:

*Note: Authority to transfer possession or control by the manufacturer, processor, or producer of any equipment, device, commodity, or other product containing source material or by-product material whose subsequent possession, use, transfer and disposal by all other persons who are exempted from regulatory requirements may be obtained only from the United States Nuclear Regulatory Commission, Washington, D.C. 20555.

(1) Lock illuminators containing 555 megabecquerels (15 millicuries) or less of tritium or 74 megabecquerels (2 millicuries) or less of promethium-147 installed in automobile locks. The levels of radiation from each lock illuminator containing promethium-147 will not exceed 10 micrograys (1 millirad) per hour at 1 centimeter from any surface when measured through 50 milligrams per square centimeter of absorber.

(2) Precision balances containing 37 megabecquerels (1 millicurie) or less of tritium per balance or 18.5 megabecquerels (0.5 millicurie) or less of tritium per balance part.

(3) Automobile shift quadrants containing 925 megabecquerels (25 millicuries) or less of tritium.

(4) Marine compasses containing 27.8 gigabecquerels (750 millicuries) or less of tritium gas and other marine navigational instruments containing 9.25 gigabecquerels (250 millicuries) or less of tritium gas.

(5) Thermostat dials and pointers containing 925 megabecquerels (25 millicuries) or less of tritium per thermostat.

(6) Electron tubes* if each tube contains no more than one of the following specified quantities of radioactive material and the levels of radiation from each electron tube do not exceed 10 micrograys (1 millirad) per hour at 1 centimeter from any surface when measured through 7 milligrams per square centimeter of absorber:

(a) 5.55 gigabecquerels (150 millicuries) or less of tritium per microwave receiver protector tube or 370 megabecquerels (10 millicuries) or less of tritium per any other electron tube;

(b) 37 kilobecquerels (1 microcurie) or less of cobalt-60;

(c) 185 kilobecquerels (5 microcuries) or less of nickel-63;

(d) 1.11 megabecquerels (30 microcuries) or less of krypton-85;

(e) 185 kilobecquerels (5 microcuries) or less of cesium-137;

(f) 1.11 megabecquerels (30 microcuries) or less of promethium-147;

(g) 37 kilobecquerels (1 microcurie) or less of radium-226:

*Note: For purposes of this subdivision, "electron tubes" include spark gap tubes, power tubes, gas tubes including glow lamps, receiving tubes, microwave tubes, indicator tubes, pick-up tubes, radiation detection tubes, and any other completely sealed tube that is designed to conduct or control electrical currents.

(7) Ionizing radiation measuring instruments containing, for purposes of internal calibration or standardization, one or more but not to exceed 10 exempt sources of radioactive material.

(a) Each individual source shall not exceed 1.85 kilobecquerels (0.05 microcuries) of americium-241 or the applica-

ble exempt quantity set forth in WAC 246-232-120, Schedule B.

(b) An individual source may contain more than one radionuclide but the total quantity in the individual source shall not exceed unity based on the sum of the fractional parts of one or more of the exempt quantities set forth in WAC 246-232-120, Schedule B. For purposes of this subsection, 1.85 kilobecquerels (0.05 microcuries) of americium-241 is considered an exempt quantity.

(8) Spark gap irradiators containing 37 kilobecquerels (1 microcurie) or less of cobalt-60 per spark gap irradiator for use in electrically ignited fuel oil burners having a firing rate of at least three gallons (11.4 liters) per hour.

AMENDATORY SECTION (Amending WSR 01-02-068, filed 12/29/00, effective 1/29/01)

WAC 246-232-011 Exemption of certain self-luminous products containing radioactive material(s). (1) Tritium, krypton-85 or promethium-147. A person is exempt from these regulations to the extent that the person receives, possesses, uses, transfers, owns or acquires, and does not manufacture, process, produce, or initially transfer for sale or distribution, self-luminous products containing tritium, krypton-85 or promethium-147 in self-luminous products manufactured, processed, produced, imported or initially transferred in accordance with a specific license issued by the United States Nuclear Regulatory Commission under Section 32.22 of 10 C.F.R. Part 32, which license authorizes the transfer of the product to persons who are exempt from regulatory requirements. The exemption in this subsection does not apply to tritium, krypton-85 or promethium-147 used in products primarily for frivolous purposes or in toys or adornments.

(2) Radium-226. A person is exempt from these regulations to the extent that the person receives, possesses, uses, transfers or owns articles containing less than 3.7 kilobecquerels (0.1 microcurie) of radium-226 which were manufactured prior to October 1983.

AMENDATORY SECTION (Amending WSR 01-02-068, filed 12/29/00, effective 1/29/01)

WAC 246-232-120 Schedule B, exempt quantities of radioactive materials. (See also WAC 246-232-010(2).)

Radioactive Material	Microcuries
Antimony-122 (Sb-122)	100
Antimony-124 (Sb-124)	10
Antimony-125 (Sb-125)	10
Arsenic-73 (As-73)	100
Arsenic-74 (As-74)	10
Arsenic-76 (As-76)	10
Arsenic-77 (As-77)	100
Barium-131 (Ba-131)	10
Barium-133 (Ba-133)	10
Barium-140 (Ba-140)	10
Bismuth-210 (Bi-210)	1

Radioactive Material	Microcuries	Radioactive Material	Microcuries
Bromine-82 (Br-82)	10	Indium-113m (In-113m)	100
Cadmium-109 (Cd-109)	10	Indium-114m (In-114m)	10
Cadmium-115m (Cd-115m)	10	Indium-115m (In-115m)	100
Cadmium-115 (Cd-115)	100	Indium-115 (In-115)	10
Calcium-45 (Ca-45)	10	Iodine-123 (I-123)	100
Calcium-47 (Ca-47)	10	Iodine-125 (I-125)	1
Carbon-14 (C-14)	100	Iodine-126 (I-126)	1
Cerium-141 (Ce-141)	100	Iodine-129 (I-129)	0.1
Cerium-143 (Ce-143)	100	Iodine-131 (I-131)	1
Cerium-144 (Ce-144)	1	Iodine-132 (I-132)	10
Cesium-129 (Cs-129)	100	Iodine-133 (I-133)	1
Cesium-131 (Cs-131)	1,000	Iodine-134 (I-134)	10
Cesium-134m (Cs-134m)	100	Iodine-135 (I-135)	10
Cesium-134 (Cs-134)	1	Iridium-192 (Ir-192)	10
Cesium-135 (Cs-135)	10	Iridium-194 (Ir-194)	100
Cesium-136 (Cs-136)	10	Iron-52 (Fe-52)	10
Cesium-137 (Cs-137)	10	Iron-55 (Fe-55)	100
Chlorine-36 (Cl-36)	10	Iron-59 (Fe-59)	10
Chlorine-38 (Cl-38)	10	Krypton-85 (Kr-85)	100
Chromium-51 (Cr-51)	1,000	Krypton-87 (Kr-87)	10
Cobalt-57 (Co-57)	100	Lanthanum-140 (La-140)	10
Cobalt-58m (Co-58m)	10	Lutetium-177 (Lu-177)	100
Cobalt-58 (Co-58)	10	Manganese-52 (Mn-52)	10
Cobalt-60 (Co-60)	1	Manganese-54 (Mn-54)	10
Copper-64 (Cu-64)	100	Manganese-56 (Mn-56)	10
Dysprosium-165 (Dy-165)	10	Mercury-197m (Hg-197m)	100
Dysprosium-166 (Dy-166)	100	Mercury-197 (Hg-197)	100
Erbium-169 (Er-169)	100	Mercury-203 (Hg-203)	10
Erbium-171 (Er-171)	100	Molybdenum-99 (Mo-99)	100
Europium-152 (Eu-152) 9.2h	100	Neodymium-147 (Nd-147)	100
Europium-152 (Eu-152) 13 yr	1	Neodymium-149 (Nd-149)	100
Europium-154 (Eu-154)	1	Nickel-59 (Ni-59)	100
Europium-155 (Eu-155)	10	Nickel-63 (Ni-63)	10
Fluorine-18 (F-18)	1,000	Nickel-65 (Ni-65)	100
Gadolinium-153 (Gd-153)	10	Niobium-93m (Nb-93m)	10
Gadolinium-159 (Gd-159)	100	Niobium-95 (Nb-95)	10
Gallium-67 (Ga-67)	100	Niobium-97 (Nb-97)	10
Gallium-72 (Ga-72)	10	Osmium-185 (Os-185)	10
<u>Germanium-68 (Ge-68)</u>	<u>10</u>	Osmium-191m (Os-191m)	100
Germanium-71 (Ge-71)	100	Osmium-191 (Os-191)	100
<u>Gold-195 (Au-195)</u>	<u>10</u>	Osmium-193 (Os-193)	100
Gold-198 (Au-198)	100	Palladium-103 (Pd-103)	100
Gold-199 (Au-199)	100	Palladium-109 (Pd-109)	100
Hafnium-181 (Hf-181)	10	Phosphorus-32 (P-32)	10
Holmium-166 (Ho-166)	100	Platinum-191 (Pt-191)	100
Hydrogen-3 (H-3)	1,000	Platinum-193m (Pt-193m)	100
Indium-111 (In-111)	100	Platinum-193 (Pt-193)	100

Radioactive Material	Microcuries	Radioactive Material	Microcuries
Platinum-197m (Pt-197m)	100	Tellurium-127 (Te-127)	100
Platinum-197 (Pt-197)	100	Tellurium-129m (Te-129m)	10
Polonium-210 (Po-210)	0.1	Tellurium-129 (Te-129)	100
Potassium-42 (K-42)	10	Tellurium-131m (Te-131m)	10
Potassium-43 (K-43)	10	Tellurium-132 (Te-132)	10
Praseodymium-142 (Pr-142)	100	Terbium-160 (Tb-160)	10
Praseodymium-143 (Pr-143)	100	Thallium-200 (Tl-200)	100
Promethium-147 (Pm-147)	10	Thallium-201 (Tl-201)	100
Promethium-149 (Pm-149)	10	Thallium-202 (Tl-202)	100
Radium-226 (Ra-226)	0.1	Thallium-204 (Tl-204)	10
Rhenium-186 (Re-186)	100	Thulium-170 (Tm-170)	10
Rhenium-188 (Re-188)	100	Thulium-171 (Tm-171)	10
Rhodium-103m (Rh-103m)	100	Tin-113 (Sn-113)	10
Rhodium-105 (Rh-105)	100	Tin-125 (Sn-125)	10
Rubidium-81 (Rb-81)	10	Tungsten-181 (W-181)	10
Rubidium-86 (Rb-86)	10	Tungsten-185 (W-185)	10
Rubidium-87 (Rb-87)	10	Tungsten-187 (W-187)	100
Ruthenium-97 (Ru-97)	100	Vanadium-48 (V-48)	10
Ruthenium-103 (Ru-103)	10	Xenon-131m (Xe-131m)	1,000
Ruthenium-105 (Ru-105)	10	Xenon-133 (Xe-133)	100
Ruthenium-106 (Ru-106)	1	Xenon-135 (Xe-135)	100
Samarium-151 (Sm-151)	10	Ytterbium-169 (Yb-169)	10
Samarium-153 (Sm-153)	100	Ytterbium-175 (Yb-175)	100
Scandium-46 (Sc-46)	10	Yttrium-87 (Y-87)	10
Scandium-47 (Sc-47)	100	<u>Yttrium-88 (Y-88)</u>	<u>10</u>
Scandium-48 (Sc-48)	10	Yttrium-90 (Y-90)	10
Selenium-75 (Se-75)	10	Yttrium-91 (Y-91)	10
Silicon-31 (Si-31)	100	Yttrium-92 (Y-92)	100
Silver-105 (Ag-105)	10	Yttrium-93 (Y-93)	100
Silver-110m (Ag-110m)	1	Zinc-65 (Zn-65)	10
Silver-111 (Ag-111)	100	Zinc-69m (Zn-69m)	100
Sodium-22 (Na-22)	10	Zinc-69 (Zn-69)	1,000
Sodium-24 (Na-24)	10	Zirconium-93 (Zr-93)	10
Strontium-85 (Sr-85)	10	Zirconium-95 (Zr-95)	10
Strontium-89 (Sr-89)	1	Zirconium-97 (Zr-97)	10
Strontium-90 (Sr-90)	0.1	Any radioactive material not listed above other than alpha emitting radioactive material	0.1
Strontium-91 (Sr-91)	10		
Strontium-92 (Sr-92)	10		
Sulphur-35 (S-35)	100		
Tantalum-182 (Ta-182)	10		
Technetium-96 (Tc-96)	10		
Technetium-97m (Tc-97m)	100		
Technetium-97 (Tc-97)	100		
Technetium-99m (Tc-99m)	100		
Technetium-99 (Tc-99)	10		
Tellurium-125m (Te-125m)	10		
Tellurium-127m (Te-127m)	10		

AMENDATORY SECTION (Amending Order 121, filed 12/27/90, effective 1/31/91)**WAC 246-232-140 Schedule D.**

ACCEPTABLE SURFACE CONTAMINATION LEVELS

NUCLIDES A	AVERAGE B C F	MAXIMUM B D F	REMOVABLE B E F WIPE LIMITS
U-nat, U-235, U-238, and associated decay products	5,000 dpm ((α))/100 cm((2)) ²	15,000 dpm ((α))/100 cm((2)) ²	1,000 dpm α/100 cm((2)) ²
Transuranics, Ra-226, Ra-228, Th-230, Th-228, Pa-231, Ac-227, I-125, I-129	100 dpm/100 cm((2)) ²	300 dpm/100 cm((2)) ²	20 dpm/100 cm((2)) ²
Th-nat, Th-232, Sr-90, Ra-223, Ra-224, U-232, I-126, I-131, I-133	1000 dpm/100 cm((2)) ²	3000 dpm/100 cm((2)) ²	200 dpm/100 cm((2)) ²
Beta-gamma emitters (nuclides with decay modes other than alpha emission or spontaneous fission) except SR-90 and others noted above	5000 dpm ((βγ))/100 cm((2)) ²	15,000 dpm ((βγ))/100 cm((2)) ²	1000 dpm βγ/100 cm((2)) ²

- A Where surface contamination by both alpha- and beta-gamma-emitting nuclides exists, the limits established for alpha- and beta-gamma-emitting nuclides should apply independently.
- B As used in this table, dpm (disintegrations per minute) means the rate of emission by radioactive material as determined by correcting the counts per minute observed by an appropriate detector for background, efficiency, and geometric factors associated with the instrumentation.
- C Measurements of average contaminant should not be averaged over more than 1 square meter. For objects of less surface area, the average should be derived for each such object.
- D The maximum contamination level applies to an area of not more than 100 cm².
- E The amount of removable radioactive material per 100 cm² of surface area should be determined by wiping that area with dry filter or soft absorbent paper, applying moderate pressure, and assessing the amount of radioactive material on the wipe with an appropriate instrument of known efficiency. When removable contamination on objects of less surface area is determined, the pertinent levels should be reduced proportionally and the entire surface should be wiped.
- F The average and maximum radiation levels associated with surface contamination resulting from beta-gamma emitters should not exceed 0.2 mrad/hr at 1 cm and 1.0 mrad/hr at 1 cm, respectively, measured through not more than 7 milligrams per square centimeter of total absorber.

NEW SECTION

WAC 246-233-012 General license for certain items and self-luminous products containing radium-226. (1) A general license shall be issued to any person to acquire, receive, possess, use, or transfer, in accordance with the provisions of subsections (2), (3), and (4) of this section, radium-226 contained in:

(a) Antiquities originally intended for use by the general public. For the purposes of this subsection, antiquities mean products originally intended for use by the general public and distributed in the late 19th and early 20th centuries, such as radium emanator jars, revigators, radium water jars, radon generators, refrigerator cards, radium bath salts, and healing pads.

(b) Intact timepieces containing greater than 0.037 megabecquerel (1 microcurie), nonintact timepieces, and timepiece hands and dials no longer installed in timepieces.

(c) Luminous items installed in air, marine, or land vehicles.

(d) All other luminous products, provided that no more than one hundred items are used or stored at the same location at any one time.

(e) Small radium sources containing no more than 0.037 megabecquerel (1 microcurie) of radium-226. For the purposes of this subsection, "small radium sources" means discrete survey instrument check sources, sources contained in radiation measuring instruments, sources used in educational

demonstrations (such as cloud chambers and spinthariscopes), electron tubes, lightning rods, ionization sources, static eliminators, or as designated by the department of health.

(2) Persons who acquire, receive, possess, use, or transfer radioactive materials under the general license issued in subsection (1) of this section are exempt from the provisions of chapters 246-221 and 246-222 WAC to the extent that such receipt, possession, use, or transfer is within the terms of such general license. This exemption shall not apply to any person who is also in possession of radioactive materials under a specific license issued under chapter 246-235 WAC.

(3) Any person who acquires, receives, possesses, uses, or transfers by-product material in accordance with the general license in subsection (1) of this section:

(a) Shall notify the department should there be any indication of possible damage to the product so that it appears it could result in a loss of the radioactive material. A report containing a brief description of the event, and the remedial action taken, must be furnished to the department within thirty days.

(b) Shall not abandon products containing radium-226. The product, and any radioactive material from the product, may only be transferred or disposed of in accordance with chapter 246-232 WAC, or as otherwise approved by the department.

(c) Shall not export products containing radium-226 except in accordance with chapter 246-231 WAC.

(d) Shall dispose of products containing radium-226 at a disposal facility authorized to dispose of radioactive material in accordance with any federal or state solid or hazardous waste law, including the Solid Waste Disposal Act, as authorized under the Energy Policy Act of 2005, by transfer to a person authorized to receive radium-226 by a specific license issued under chapter 246-235 WAC, or equivalent regulations of an agreement state, or as otherwise approved by the NRC.

(e) Shall respond to written requests from the department to provide information relating to the general license within thirty calendar days of the date of the request, or other time specified in the request. If the general licensee cannot provide the requested information within the allotted time, it shall, within that same time period, request a longer period to supply the information by providing a written justification for the request.

(4) The general license in subsection (1) of this section does not authorize the manufacture, assembly, disassembly, repair, or import of products containing radium-226, except that timepieces may be disassembled and repaired.

AMENDATORY SECTION (Amending WSR 04-04-055, filed 1/30/04, effective 3/1/04)

WAC 246-233-015 Certain devices and equipment. A general license is hereby issued to transfer, receive, acquire, own, possess, and use radioactive material incorporated in the following devices or equipment which have been manufactured, tested and labeled by the manufacturer in accordance with a specific license issued to the manufacturer by the United States Nuclear Regulatory Commission for use pursuant to Section 31.3 of 10 CFR Part 31. This general license is subject to the provisions of WAC 246-220-020, 246-220-030, 246-220-040, 246-220-050, 246-220-060, 246-220-070, chapters 246-232, 246-221** and 246-222 WAC.

(1) *Static elimination device.* Devices designed for use as static eliminators which contain, as a sealed source or sources, radioactive material consisting of a total of not more than 18.5 megabecquerels (500 microcuries) of Polonium-210 per device.

(2) *Ion generating tube.* Devices designed for ionization of air which contain, as a sealed source or sources, radioactive material consisting of a total of not more than 18.5 megabecquerels (500 microcuries) of Polonium-210 per device or a total of not more than 18.5 megabecquerels (50 millicuries) of Hydrogen-3 (tritium) per device.

** Attention is directed particularly to the provisions of chapter 246-221 WAC which relate to the labeling of containers.

AMENDATORY SECTION (Amending WSR 04-04-055, filed 1/30/04, effective 3/1/04)

WAC 246-233-020 General license—Certain measuring, gauging or controlling devices. (1) A general license is hereby issued to commercial and industrial firms and research, educational and medical institutions, individuals in the conduct of their business, and state or local government agencies to own, acquire, receive, possess, use or trans-

fer, in accordance with the provisions of subsections (2), (3), and (4) of this section, radioactive material excluding special nuclear material contained in devices designed and manufactured for the purpose of detecting, measuring, gauging or controlling thickness, density, level, interface location, radiation, leakage, or qualitative or quantitative chemical composition, or for producing light or an ionized atmosphere.

(4)(b)(2) The general license in subsection (1) of this section applies only to radioactive material contained in devices which have been manufactured or initially transferred and labeled in accordance with the specifications contained in a specific license issued by the department pursuant to WAC 246-235-093 or in accordance with the Nuclear Regulatory Commission, an agreement state or a licensing state, which authorizes distribution or transfer of devices to persons generally licensed by the United States Nuclear Regulatory Commission, an agreement state or licensing state**. The devices shall have been received from one of the specific licensees described in this subsection or through a transfer made under subsection (3)(h) of this section.

**Note: Regulations under the Federal Food, Drug, and Cosmetic Act authorizing the use of radioactive control devices in food production require certain additional labeling thereon which is found in Section 179.21 of 21 CFR Part 179.

(3) Any person who owns, acquires, receives, possesses, uses or transfers radioactive material in a device pursuant to the general license in subsection (1) of this section:

(a) Shall assure that all labels affixed to the device at the time of receipt and bearing a statement that removal of the label is prohibited are maintained thereon and shall comply with all instructions and precautions provided by such labels;

(b) Shall assure that the device is tested for leakage of radioactive material and proper operation of the on-off mechanism and indicator, if any, at no longer than six-month intervals or at such other intervals as are specified in the label, however:

(i) Devices containing only krypton need not be tested for leakage of radioactive material; and

(ii) Devices containing only tritium or not more than 3.7 megabecquerels (100 microcuries) of other beta and/or gamma emitting material or 370 kilobecquerels (10 microcuries) of alpha emitting material need not be tested for any purpose. Devices held in storage in the original shipping container prior to initial installation need not be tested until immediately prior to use;

(c) Shall assure that the tests required by (b) of this subsection and other testing, installing, servicing, and removing from installation involving the radioactive materials, its shielding or containment, are performed:

(i) In accordance with the instructions provided by the labels; or

(ii) By a person holding a specific license from the department or from the United States Nuclear Regulatory Commission or from any agreement state or from a licensing state to perform such activities;

(d) Shall maintain records showing compliance with the requirements of (b) and (c) of this subsection. The records shall show the results of tests. The records also shall show the dates of performance and the names of persons performing, testing, installing, servicing, and removing from installation

concerning the radioactive material, its shielding or containment. Records of tests for leakage of radioactive material required by (b) of this subsection shall be maintained for three years after the next required leak test is performed or the sealed source is transferred or disposed. Records of tests of the on/off mechanism and indicator required by (b) of this subsection shall be maintained for three years after the next required test of the on/off mechanism and indicator is performed or the sealed source is transferred or disposed. Records of other testing, installation, servicing, and removal from installation required by (c) of this subsection shall be maintained for a period of three years from the date of the recorded event or until the device is transferred or disposed;

(e) Upon the occurrence of a failure of or damage to, or any indication of a possible failure of or damage to, the shielding of the radioactive material or the on/off mechanism or indicator, or upon the detection of 185 becquerels (0.005 microcuries) or more removable radioactive material, shall immediately suspend operation of the device until it has been repaired by the manufacturer or other person holding a specific license from the department, the United States Nuclear Regulatory Commission, or from an agreement state or a licensing state to repair such devices, or disposed by transfer to a person authorized by a specific license to receive the radioactive material contained in the device and, within thirty days, furnish to the department a written report containing a brief description of the event and the remedial action taken; and, in the case of detection of 185 becquerels (0.005 microcuries) or more of removable radioactive material or failure of or damage to a source likely to result in contamination of the premises or the environs, a plan for ensuring that the premises and environs are acceptable for unrestricted use (see WAC 246-246-020);

(f) Shall not abandon the device containing radioactive material;

(g) Except as provided in (h) of this subsection, shall transfer or dispose the device containing radioactive material only by transfer to a person holding a specific license of the department, the United States Nuclear Regulatory Commission, or an agreement state, or a licensing state whose specific license authorizes the person to receive the device and within thirty days after transfer of a device to a specific licensee shall furnish to the department a report containing identification of the device by manufacturer's (or initial transferor's) name, model number, and serial number; the name, address, and license number of the person receiving the device, and the date of transfer. Prior written approval from the department is required before transferring the device to any other specific licensee not specifically identified in this subsection;

(h) Shall transfer the device to another general licensee only:

(i) Where the device remains in use at a particular location. In such case, the transferor shall give the transferee a copy of this section, a copy of WAC 246-221-240, 246-221-250, 246-232-050, and 246-232-060, and any safety documents identified in the label of the device and within thirty days of the transfer, report to the department the manufacturer's (or transferor's) name, model number, and serial number of device transferred, the transferee's name and mailing address for the location of use, and the name, title, and phone

number of the responsible individual identified by the transferee in accordance with (j) of this subsection to have knowledge of and authority to take actions to ensure compliance with the appropriate regulations and requirements; or

(ii) Where the device is held in storage in the original shipping container at its intended location of use prior to initial use by a general licensee;

(i) Shall comply with the provisions of WAC 246-221-240 and 246-221-250 for reporting radiation incidents, theft or loss of licensed material, but shall be exempt from the other requirements of chapters 246-221 and 246-222 WAC;

(j) Shall appoint an individual responsible for having knowledge of the appropriate regulations and requirements and the authority for taking required actions to comply with appropriate regulations and requirements. The general licensee, through this individual, shall ensure the day-to-day compliance with appropriate regulations and requirements. This appointment does not relieve the general licensee of any of its responsibility in this regard;

(k)(i) Shall register, in accordance with (k)((i)) (ii) and (iii) of this subsection, devices containing at least 370 (~~(MBq)~~) megabecquerels (10 (~~(mCi)~~) millicuries) of Cesium-137, 3.7 (~~(MBq)~~) megabecquerels (0.1 (~~(mCi)~~) millicuries) of Strontium-90, 37 (~~(MBq)~~) megabecquerels (1 (~~(mCi)~~) millicurie) of Cobalt-60, or 37 (~~(MBq)~~) megabecquerels (1 (~~(mCi)~~) millicurie) of Americium-241, 3.7 megabecquerels (0.1 millicurie) of Radium-226, or any other transuranic (i.e., element with atomic number greater than uranium (92)), based on the activity indicated on the label. Each address for a location of use, as described under (k)(iii)(D) of this subsection, represents a separate general licensee and requires a separate registration and fee;

(ii) If in possession of a device meeting the criteria of (k)(i) of this subsection, shall register these devices annually with the department and shall pay the fee required by WAC 246-254-090. Registration must be done by verifying, correcting, and/or adding to the information provided in a request for registration received from the department. The registration information must be submitted to the department within thirty days of the date of the request for registration or as otherwise indicated in the request. In addition, a general licensee holding devices meeting the criteria of (k)(i) of this subsection is subject to the bankruptcy notification requirement in WAC 246-232-050;

(iii) In registering devices, the general licensee shall furnish the following information and any other information specifically requested by the department:

(A) Name and mailing address of the general licensee;

(B) Information about each device: The manufacturer (or initial transferor), model number, serial number, the radionuclide and activity (as indicated on the label);

(C) Name, title, and telephone number of the responsible person designated as a representative of the general licensee under (j) of this subsection;

(D) Address or location at which the device(s) are used and/or stored. For portable devices, the address of the primary place of storage;

(E) Certification by the responsible representative of the general licensee that the information concerning the device(s)

has been verified through a physical inventory and checking of label information;

(F) Certification by the responsible representative of the general licensee that they are aware of the requirements of the general license;

(iv) Persons generally licensed by the U.S. Nuclear Regulatory Commission, or an agreement state with respect to devices meeting the criteria in (k)(i) of this subsection are not subject to registration requirements if the devices are used in areas subject to Washington state jurisdiction for a period less than one hundred eighty days in any calendar year. The department will not request registration information from such licensees;

(l) Shall report changes to the mailing address for the location of use (including change in name of general licensee) to the department within thirty days of the effective date of the change. For a portable device, a report of address change is only required for a change in the device's primary place of storage;

(m) Shall not hold devices that are not in use for longer than two years. If devices with shutters are not being used, the shutter must be locked in the closed position. The testing required by (b) of this subsection need not be performed during the period of storage only. However, when devices are put back into service or transferred to another person, and have not been tested within the required test interval, they must be tested for leakage before use or transfer and the shutter tested before use. Devices kept in standby for future use are excluded from the two-year time limit if the general licensee performs quarterly physical inventories of these devices while they are in standby.

(4) The general license in subsection (1) of this section does not authorize the manufacture, import or export of devices containing radioactive material.

(5) The general license provided in this subsection is subject to the provisions of WAC 246-220-020, 246-220-030, 246-220-040, 246-220-060, 246-220-070, 246-220-100, 246-221-240, 246-221-250, 246-232-050, 246-232-060, 246-232-070, 246-232-080, and 246-232-090.

AMENDATORY SECTION (Amending WSR 04-04-055, filed 1/30/04, effective 3/1/04)

WAC 246-233-025 General license—Luminous safety devices for aircraft. (1) A general license is hereby issued to own, receive, acquire, possess and use tritium or Promethium-147 contained in luminous safety devices for use in aircraft, provided:

(a) Each device contains not more than 370 gigabecquerels (10 curies) of tritium or 11.1 gigabecquerels (300 millicuries) of Promethium-147; and

(b) Each device has been manufactured, assembled or imported in accordance with a specific license issued by the United States Nuclear Regulatory Commission, or each device has been manufactured or assembled in accordance with the specifications contained in a specific license issued by the department or any agreement state to the manufacturer or assembler of such device pursuant to licensing requirements equivalent to those in Section 32.53 of 10 CFR Part 32

of the regulations of the United States Nuclear Regulatory Commission.

(2) Persons who own, receive, acquire, possess or use luminous safety devices pursuant to the general license in this subsection are exempt from the requirements of chapters 246-221 and 246-222 WAC except that they shall comply with the provisions of WAC 246-221-240 and 246-221-250.

(3) This general license does not authorize the manufacture, assembly, or repair of luminous safety devices containing tritium or Promethium-147.

(4) This general license does not authorize the ownership, receipt, acquisition, possession or use of Promethium-147 contained in instrument dials.

(5) This general license is subject to the provisions of WAC 246-220-020, 246-220-030, 246-220-040, 246-220-050, 246-220-060, 246-220-070, 246-220-100, 246-232-050, 246-232-070, 246-232-080, and 246-232-090.

AMENDATORY SECTION (Amending WSR 04-04-055, filed 1/30/04, effective 3/1/04)

WAC 246-233-030 General license—Ice detection devices. (1) A general license is hereby issued to own, receive, acquire, possess, use and transfer Strontium-90 contained in ice detection devices, provided each device contains not more than 185 megabecquerels (50 microcuries) of Strontium-90 and each device has been manufactured or imported in accordance with a specific license issued by the United States Nuclear Regulatory Commission or each device has been manufactured in accordance with the specifications contained in a specific license issued by the department or any agreement state to the manufacturer of such device pursuant to licensing requirements equivalent to those in Section 32.61 of 10 CFR Part 32 of the regulations of the United States Nuclear Regulatory Commission.

(2) Persons who own, receive, acquire, possess, use or transfer Strontium-90 contained in ice detection devices pursuant to the general license in (a) of this subsection:

(a) Shall, upon occurrence of visually observable damage, such as a bend or crack or discoloration from overheating to the device, discontinue use of the device until it has been inspected, tested for leakage and repaired by a person holding a specific license from the United States Nuclear Regulatory Commission or an agreement state to manufacture or service such devices; or shall dispose of the device pursuant to the provisions of these regulations;

(b) Shall assure that all labels affixed to the device at the time of receipt, and which bear a statement which prohibits removal of the labels, are maintained thereon; and

(c) Are exempt from the requirements of chapters 246-221 and 246-222 WAC except that such persons shall comply with the provisions of WAC 246-221-170, 246-221-240, and 246-221-250.

(3) This general license does not authorize the manufacture, assembly, disassembly or repair of Strontium-90 sources in ice detection devices.

(4) This general license is subject to the provisions of WAC 246-220-020, 246-220-030, 246-220-040, 246-220-060, 246-220-070, 246-220-100, 246-232-050, 246-232-070, 246-232-080, and 246-232-090.

AMENDATORY SECTION (Amending WSR 04-04-055, filed 1/30/04, effective 3/1/04)

WAC 246-233-035 General license—Calibration and reference sources. (1) A general license is hereby issued to those persons listed below to own, receive, acquire, possess, use and transfer, in accordance with the provisions of subsections (4) and (5) of this section, Americium-241 in the form of calibration or reference sources:

(a) Any person who holds a specific license issued by the department which authorizes that person to receive, possess, use and transfer radioactive material; or

(b) Any person who holds a specific license issued by the United States Nuclear Regulatory Commission which authorizes that person to receive, possess, use and transfer special nuclear material.

(2) A general license is hereby issued to own, receive, possess, use and transfer plutonium in the form of calibration or reference sources in accordance with the provisions of subsections (4) and (5) of this section to any person who holds a specific license issued by the department which authorizes that person to receive, possess, use and transfer radioactive material.

(3) A general license is hereby issued to own, receive, possess, use and transfer Radium-226 in the form of calibration or reference sources in accordance with the provisions of subsections (4) and (5) of this section to any person who holds a specific license issued by the department which authorizes that person to receive, possess, use and transfer radioactive material.

(4) The general licenses in subsections (1), (2) and (3) of this section apply only to calibration or reference sources which have been manufactured in accordance with the specifications contained in a specific license issued to the manufacturer or importer of the sources by the United States Nuclear Regulatory Commission pursuant to Section 32.57 of 10 CFR Part 32 or Section 70.39 of 10 CFR Part 70 or which have been manufactured in accordance with the specifications contained in a specific license issued to the manufacturer by the department or any agreement state or licensing state pursuant to licensing requirements equivalent to those contained in Section 32.57 of 10 CFR Part 32 or Section 70.39 of 10 CFR Part 70 of the regulations of the United States Nuclear Regulatory Commission.

(5) The general licenses provided in subsections (1), (2) and (3) of this section are subject to the provisions of WAC 246-220-020, 246-220-030, 246-220-040, 246-220-060, 246-220-070, 246-220-100, 246-232-050, 246-232-070, 246-232-080, 246-232-090, chapters 246-221 and 246-222 WAC.

In addition, persons who own, receive, acquire, possess, use or transfer one or more calibration or reference sources pursuant to these general licenses:

(a) Shall not possess at any one time, at any one location of storage or use, more than 185 kilobecquerels (5 microcuries) of Americium-241 and 185 kilobecquerels (5 microcuries) of plutonium and 185 kilobecquerels (5 microcuries) of Radium-226 in such sources;

(b) Shall not receive, possess, use or transfer such source unless the source, or the storage container, bears a label which includes one of the following statements or a substan-

tially similar statement which contains the information called for in the following statement:

- (i) The receipt, possession, use and transfer of this source, Model, Serial No., are subject to a general license and the regulations of the United States Nuclear Regulatory Commission or of a state with which the commission has entered into an agreement for the exercise of regulatory authority. Do not remove this label.

CAUTION - RADIOACTIVE MATERIAL - THIS SOURCE CONTAINS (AMERICIUM-241). (PLUTONIUM)*. DO NOT TOUCH RADIOACTIVE PORTION OF THIS SOURCE

.....
Name of manufacturer or importer

*Note: Showing only the name of the appropriate material.

- (ii) The receipt, possession, use and transfer of this source, Model, Serial No., are subject to a general license and the regulations of any licensing state. Do not remove this label.

CAUTION - RADIOACTIVE MATERIAL - THIS SOURCE CONTAINS RADIUM-226. DO NOT TOUCH RADIOACTIVE PORTION OF THIS SOURCE

.....
Name of manufacturer or importer

(c) Shall not transfer, abandon, or dispose of such source except by transfer to a person authorized by a license from the department, the United States Nuclear Regulatory Commission, or an agreement state or licensing state to receive the source;

(d) Shall store such source, except when the source is being used, in a closed container adequately designed and constructed to contain Americium-241, plutonium, or Radium-226/Radon-222 which might otherwise escape during storage; and

(e) Shall not use such source for any purpose other than the calibration of radiation detectors or the standardization of other sources.

(6) These general licenses do not authorize the manufacture of calibration or reference sources containing Americium-241, plutonium, or Radium-226.

AMENDATORY SECTION (Amending WSR 04-04-055, filed 1/30/04, effective 3/1/04)

WAC 246-233-040 General license for use of radioactive material for certain *in vitro* clinical or laboratory testing.* (1) A general license is hereby issued to any physician, veterinarian, clinical laboratory or hospital to receive, acquire, possess, transfer or use, for any of the following stated tests, in accordance with the provisions of subsections (2), (3), (4), (5), and (6) of this section the following radioactive materials in prepackaged units:

(a) Iodine-125, in units not exceeding 370 kilobecquerels (10 microcuries) each for use in *in vitro* clinical or laboratory tests not involving internal or external administration of radioactive material, or the radiation therefrom, to human beings or animals.

(b) Iodine-131, in units not exceeding 370 kilobecquerels (10 microcuries) each for use in *in vitro* clinical or laboratory tests not involving internal or external administration of radioactive material, or the radiation therefrom, to human beings or animals.

(c) Carbon-14, in units not exceeding 370 kilobecquerels (10 microcuries) each for use in *in vitro* clinical or laboratory tests not involving internal or external administration of radioactive material, or the radiation therefrom, to human beings or animals.

(d) Hydrogen-3 (tritium), in units not exceeding 1.85 megabecquerels (50 microcuries) each for use in *in vitro* clinical or laboratory tests not involving internal or external administration of radioactive material, or the radiation therefrom, to human beings or animals.

(e) Iron-59, in units not exceeding 740 kilobecquerels (20 microcuries) each for use in *in vitro* clinical or laboratory tests not involving internal or external administration of radioactive material, or the radiation therefrom, to human beings or animals.

(f) Cobalt-57, in units not exceeding 370 kilobecquerels (10 microcuries) each for use in *in vitro* clinical or laboratory tests not involving internal or external administration of radioactive material, or the radiation therefrom, to human beings or animals.

(g) Selenium-75, in units not to exceed 370 kilobecquerels (10 microcuries) each for use in *in vitro* clinical or laboratory tests not involving internal or external administration of radioactive material, or the radiation therefrom, to human beings or animals.

(h) Mock Iodine-125 reference or calibration sources, in units not exceeding 1.85 kilobecquerels (0.05 microcurie) of Iodine-129 and 185 becquerels (0.005 microcurie) of Americium-241 each for use in *in vitro* clinical or laboratory tests not involving internal or external administration of radioactive material, or the radiation therefrom, to human beings or animals.

*Note: The new drug provisions of the Federal Food, Drug and Cosmetic Act also govern the availability and use of any specific diagnostic drugs in interstate commerce.

(2) No person shall receive, acquire, possess, use or transfer radioactive material pursuant to the general license established by subsection (1) of this section until that person has received a validated copy of department Form RHF-15 "Certificate - *in vitro* testing with radioactive material under general license." Annual validation requires resubmittal of revised department Form RHF-15 and submittal of the annual fee to the department. The physician, veterinarian, clinical laboratory or hospital shall furnish on department Form RHF-15 the following information and such other information as may be required by that form:

(a) Name and address of the physician, veterinarian, clinical laboratory or hospital;

(b) The location of use; and

(c) A statement that the physician, veterinarian, clinical laboratory or hospital has appropriate radiation measuring instruments to carry out *in vitro* clinical or laboratory tests with radioactive material as authorized under the general license in subsection (1) of this section and that such tests will be performed only by personnel competent in the use of

such instruments and in the handling of the radioactive material.

(3) A person who receives, acquires, possesses or uses radioactive material pursuant to the general license established by subsection (1) of this section shall comply with the following:

(a) The general licensee shall not possess at any one time, pursuant to the general license in subsection (1) of this section at any one location of storage or use, a total amount of Iodine-125, Iodine-131, Selenium-75, Iron-59, and/or Cobalt-57 in excess of 7.4 megabecquerels (200 microcuries).

(b) The general licensee shall store the radioactive material, until used, in the original shipping container or in a container providing equivalent radiation protection.

(c) The general licensee shall use the radioactive material only for the uses authorized by subsection (1) of this section.

(d) The general licensee shall not transfer the radioactive material to a person who is not authorized to receive it pursuant to a license issued by the department, the United States Nuclear Regulatory Commission, any agreement state or licensing state, nor transfer the radioactive material in any manner other than in the unopened, labeled shipping container as received from the supplier.

(e) The general licensee shall dispose of the Mock Iodine-125 reference or calibration sources described in subsection (1)(h) of this section as required by WAC 246-221-170.

(4) The general licensee shall not receive, acquire, possess, or use radioactive material pursuant to subsection (1) of this section:

(a) Except as prepackaged units which are labeled in accordance with the provision of an applicable specific license issued pursuant to WAC 246-235-097 or in accordance with the provisions of a specific license issued by the United States Nuclear Regulatory Commission, or any agreement state or licensing state which authorizes the manufacture and distribution of Iodine-125, Iodine-131, Carbon-14, Hydrogen-3 (tritium), Iron-59, Selenium-75, Cobalt-57, or Mock Iodine-125 to persons generally licensed under this subsection or its equivalent; and

(b) Unless one of the following statements, as appropriate, or a substantially similar statement which contains the information called for in one of the following statements, appears on a label affixed to each prepackaged unit or appears in a leaflet or brochure which accompanies the package:

This radioactive material shall be received, acquired, possessed and used only by physicians, veterinarians, clinical laboratories or hospitals and only for *in vitro* clinical or laboratory tests not involving internal or external administration of the material, or the radiation therefrom, to human beings or animals. Its receipt, acquisition, possession, use and transfer are subject to the regulations and a general license of the United States Nuclear Regulatory Commission or of a state with which the commission has entered into an agreement for the exercise of regulatory authority.

.....
Name of manufacturer

This radioactive material shall be received, acquired, possessed and used only by physicians, veterinarians, clinical laboratories or hospitals and only for *in vitro* clinical or laboratory tests not involving internal or external administration of the material, or the radiation therefrom, to human beings or animals. Its receipt, acquisition, possession, use and transfer are subject to the regulations and a general license of a licensing state.

.....
Name of manufacturer

(5) The physician, veterinarian, clinical laboratory or hospital possessing or using radioactive material under the general license of subsection (1) of this section shall report in writing to the department, any changes in the information previously furnished in the "Certificate - *in vitro* testing with radioactive material under general license," department Form RHF-15. The report shall be furnished within thirty days after the effective date of such change.

(6) This general license is subject to the provisions of WAC 246-220-020, 246-220-030, 246-220-040, 246-220-060, 246-220-070, 246-220-090 and 246-220-100. In addition, any person using radioactive material pursuant to the general license of subsection (1) of this section is exempt from the requirements of chapters 246-221 and 246-222 WAC with respect to radioactive material covered by that general license, except that such persons using the Mock Iodine-125 described in subsection (1)(h) of this section shall comply with the provisions of WAC 246-221-170, 246-221-240, and 246-221-250 and of these regulations.

AMENDATORY SECTION (Amending Order 121, filed 12/27/90, effective 1/31/91)

WAC 246-235-010 Filing application for specific licenses. (1) Applications for specific licenses shall be filed on department form RHF-1.

(2) The department may at any time after the filing of the original application, and before the expiration of the license, require further statements in order to enable the department to determine whether the application should be granted or denied or whether a license should be modified or revoked.

(3) Each application shall be signed by the applicant or licensee or a person duly authorized to act for and on the applicant's behalf.

(4) An application for a license may include a request for a license authorizing one or more activities.

(5) In the application, the applicant may incorporate by reference information contained in previous applications, statements, or reports filed with the department provided such references are clear and specific.

(6) An application for a specific license to use radioactive materials in the form of a sealed source or in a device that contains the sealed source must:

(a) Identify the source or device by manufacturer and model number; or

(b) Be registered with the U.S. Nuclear Regulatory Commission under 10 CFR 32.210; or

(c) For sources not registered with the U.S. NRC, provide sufficient additional information to demonstrate that there is reasonable assurance that the radiation safety properties of the source or device are adequate to protect health and minimize danger to life and property. Such information must include a description of the source or device, a description of radiation safety features, the intended use, relevant operational safety history, and the results of the most recent leak test.

(7) Applications and documents submitted to the department may be made available for public inspection except that the department may withhold any document or part thereof from public inspection if disclosure of its content is not required in the public interest and would adversely affect the interest of a person concerned.

AMENDATORY SECTION (Amending WSR 06-05-019, filed 2/6/06, effective 3/9/06)

WAC 246-235-080 Special requirements for possession and use of medical calibration and reference sources.

(1) Leak tests.

(a) Any licensee or registrant who possesses sealed sources as calibration or reference sources shall test for leakage each sealed source containing radioactive material, other than Hydrogen-3, with a half-life greater than thirty days in any form other than gas and/or contamination at least every six months. In the absence of a certificate from a transferor indicating that a test has been made within six months prior to the transfer, the sealed sources shall not be used until tested. However, leak tests are not required when: The source contains 3.7 megabecquerels (100 microcuries) or less of beta and/or gamma emitting material or 370 kilobecquerels (10 microcuries) or less of alpha emitting material or the sealed source is stored and is not being used: Provided, a physical inventory of the source and wipe surveys of the storage area or storage container are conducted as required by these rules or license condition.

(b) The leak test shall be capable of detecting the presence of 185 becquerels (0.005 microcurie) (~~((185 becquerels)))~~) of radioactive material on the test sample. The test sample shall be taken from the sealed source or from the surfaces of the device in which the sealed source is mounted or stored on which contamination might be expected to accumulate. Records of leak test results shall be kept in units of microcuries and maintained for inspection by the department.

(c) If the leak test reveals the presence of 185 becquerels (0.005 microcurie) or more of removable contamination, the licensee or registrant shall immediately withdraw the sealed source from use and shall cause it to be decontaminated and repaired or to be disposed of in accordance with chapters 246-235 and 246-221 WAC. The licensee must file a report within five days of the test with the department describing the equipment involved, the test results, and the corrective action taken.

(2) Any licensee or registrant who possesses and uses calibration and reference sources shall:

(a) Follow the radiation safety and handling instructions approved by the department, the United States Nuclear Regulatory Commission, an agreement state or a licensing state and furnished by the manufacturer on the label attached to the source, or permanent container thereof, or in the leaflet or brochure that accompanies the source, and maintain the instructions in a legible and conveniently available form; and

(b) Conduct a quarterly physical inventory to account for all sources received and possessed. Records of the inventories shall be maintained for inspection by the department and shall include at a minimum the quantities and kinds of radioactive material, location of sources, name of person performing the inventory, and the date of the inventory.

AMENDATORY SECTION (Amending WSR 04-04-055, filed 1/30/04, effective 3/1/04)

WAC 246-235-097 Manufacture and distribution of radioactive material for certain *in vitro* clinical or laboratory testing under general license. An application for a specific license to manufacture or distribute radioactive material for use under the general license of WAC 246-233-040 will be approved if:

(1) The applicant satisfies the general requirements specified in WAC 246-235-020;

(2) The radioactive material is to be prepared for distribution in prepackaged units of:

(a) Iodine-125 in units not exceeding 370 kilobecquerels (10 microcuries) each;

(b) Iodine-131 in units not exceeding 370 kilobecquerels (10 microcuries) each;

(c) Carbon-14 in units not exceeding 370 kilobecquerels (10 microcuries) each;

(d) Hydrogen-3 (tritium) in units not exceeding 1.85 megabecquerels (50 microcuries) each;

(e) Iron-59 in units not exceeding 740 kilobecquerels (20 microcuries) each;

(f) Cobalt-57 in units not exceeding 370 kilobecquerels (10 microcuries) each;

(g) Selenium-75 in units not exceeding 370 kilobecquerels (10 microcuries) each;

(h) Mock Iodine-125 in units not exceeding 1.85 kilobecquerels (0.05 microcurie) of iodine-129 and 185 becquerels (0.005 microcurie) of americium-241 each.

(3) Each prepackaged unit bears a durable, clearly visible label:

(a) Identifying the radioactive contents as to chemical form and radionuclide, and indicating that the amount of radioactivity does not exceed 370 kilobecquerels (10 microcuries) of iodine-125, iodine-131, carbon-14, cobalt-57, or selenium-75; 1850 kilobecquerels (50 microcuries) of hydrogen-3 (tritium); 740 kilobecquerels (20 microcuries) of iron-59; or Mock Iodine-125 in units not exceeding 1.85 kilobecquerels (0.05 microcurie) of iodine-129 and 185 becquerels (0.005 microcurie) of americium-241 each; and

(b) Displaying the radiation caution symbol described in WAC 246-221-120 (1)(a) and the words, "CAUTION, RADIOACTIVE MATERIAL," and "Not for internal or external use in humans or animals."

(4) One of the following statements, as appropriate, or a substantially similar statement which contains the information called for in one of the following statements, appears on a label affixed to each prepackaged unit or appears in a leaflet or brochure which accompanies the package:

(a) This radioactive material may be received, acquired, possessed and used only by physicians, veterinarians, clinical laboratories or hospitals and only for *in vitro* clinical or laboratory tests not involving internal or external administration of the material, or the radiation therefrom, to human beings or animals. Its receipt, acquisition, possession, use and transfer are subject to the regulations and a general license of the United States Nuclear Regulatory Commission or of a state with which the commission has entered into an agreement for the exercise of regulatory authority.

.....
Name of manufacturer

(b) This radioactive material may be received, acquired, possessed and used only by physicians, veterinarians, clinical laboratories or hospitals and only for *in vitro* clinical or laboratory tests not involving internal or external administration of the material, or the radiation therefrom, to human beings or animals. Its receipt, acquisition, possession, use and transfer are subject to the regulations and a general license of a licensing state.

.....
Name of manufacturer

(5) The label affixed to the unit, or the leaflet or brochure which accompanies the package, contains adequate information as to the precautions to be observed in handling and storing such radioactive material. In the case of the Mock Iodine-125 reference or calibration source, the information accompanying the source must also contain directions to the licensee regarding the waste disposal requirements set out in WAC 246-221-170 of these regulations.

AMENDATORY SECTION (Amending WSR 07-14-131, filed 7/3/07, effective 8/3/07)

WAC 246-235-100 Manufacture, production, preparation, and/or (~~commercial~~) transfer of radiopharmaceuticals for medical use. (1) An application for a specific license to manufacture (~~and~~), produce, prepare, and/or transfer for (~~commercial~~) distribution radiopharmaceuticals containing radioactive material for use by persons licensed under chapter 246-240 WAC for medical use in humans will be approved if:

(a) The applicant satisfies the general requirements specified in WAC 246-235-020;

(b) The applicant submits evidence that the applicant is:

(i) (~~The applicant is~~) Registered or licensed with the U.S. Food and Drug Administration (FDA) as a drug manufacturer, preparer, propagator, compounder or processor of a drug under 21 CFR 207.20(a); or

(ii) (~~The applicant is~~) Licensed as a nuclear pharmacy by the state board of pharmacy;

(iii) Registered or licensed as a radiopharmaceutical production facility or nuclear pharmacy with the U.S. Nuclear Regulatory Commission or a state agency;

(iv) Operating as a nuclear pharmacy within a federal medical institution; or

(v) A positron emission tomography drug production facility registered with a state agency.

(c) The applicant submits information on the radionuclide, chemical and physical form, maximum activity per vial, syringe, generator, or other container of the radiopharmaceutical, and shielding provided by the packaging of the radioactive material which is appropriate for safe handling and storage of radiopharmaceuticals by medical use licensees; and

(d) The applicant satisfies the following labeling requirements:

(i) Those specified by the state board of pharmacy in WAC 246-903-020((-)) for both commercial and noncommercial distribution;

(ii) A label is affixed to each transport radiation shield, whether it is constructed of lead, glass, plastic, or other material, of a radioactive drug to be transferred for commercial distribution. The label must include the radiation symbol, the words "caution-radioactive material" or "danger-radioactive material," the name of the radioactive drug or its abbreviation, and the quantity of radioactivity at a specified date and time. For radioactive drugs with a half-life greater than one hundred days, the time may be omitted;

(iii) A label is affixed to each syringe, vial, or other container used to hold a radioactive drug to be transferred for commercial distribution. The label must include the radiation symbol, the words "caution-radioactive material" or "danger-radioactive material" and an identifier that allows the syringe, vial, or other container to be correlated with the information on the transport radiation shield label; and

(iv) For a drug manufacturer, the labels required by this subsection are in addition to the labeling required by the Food and Drug Administration (FDA) and may be separate from or, with the approval of FDA, may be combined with the labeling required by FDA.

(2) A medical facility or an educational institution, may produce positron emission tomography or other approved accelerator-produced radioactive drugs, for noncommercial transfer to licensees within their consortium, as defined in WAC 246-220-010 and 246-235-010, if they have a valid Washington radioactive materials license and are authorized for medical use under chapter 246-240 WAC or an equivalent agreement state or U.S. Nuclear Regulatory Commission license; and

(a) Request authorization to produce accelerator-produced radionuclides at a radionuclide production facility within their consortium to prepare approved radioactive drugs for use only by licensees within that consortium. The applicant must have a current state radioactive materials license or evidence of an existing license issued by U.S. Nuclear Regulatory Commission or another agreement state.

(b) The applicant must be qualified to produce radioactive drugs for medical use by meeting the criteria in subsections (1) and (3) of this section.

(c) Identification of individual(s) authorized to prepare radioactive drugs if the applicant is a pharmacy, and documentation that each individual meets the requirements of an authorized nuclear pharmacist as specified in subsection (3) of this section.

(d) Labeling information identified in subsection (1)(d) of this section is applied to any radiopharmaceuticals or radioactive materials to be noncommercially transferred to members of its consortium.

(3) A nuclear pharmacy licensee:

(a) May prepare radiopharmaceuticals for medical use provided the radiopharmaceutical is prepared by or under the supervision of an authorized nuclear pharmacist.

(b) May allow a pharmacist to work as an authorized nuclear pharmacist if:

(i) This individual qualifies as an authorized nuclear pharmacist as defined in WAC 246-240-010;

(ii) This individual meets the state board of pharmacy requirements in WAC 246-903-030, Nuclear pharmacists, and the requirements of WAC 246-240-081 and the licensee has received an approved license amendment identifying this individual as an authorized nuclear pharmacist; or

(iii) This individual is designated as an authorized nuclear pharmacist in accordance with (d) of this subsection.

(c) The actions authorized in (a) and (b) of this subsection are permitted in spite of more restrictive language in license conditions.

(d) May designate a pharmacist as an authorized nuclear pharmacist if:

(i) The individual ((is)) was identified as of December 2, 1994, as an "authorized user" on a nuclear pharmacy license issued by the department, the U.S. NRC, or an agreement state; or

(ii) The individual was a nuclear pharmacist preparing only radioactive drugs containing accelerator-produced radioactive material, and the individual practiced at a pharmacy at a government agency or federally recognized Indian tribe before November 30, 2007, or at any other pharmacies as of December 1, 2008.

(e) Shall provide to the department a copy of each individual's letter of notification from the state board of pharmacy recognizing the individual as a nuclear pharmacist, within thirty days of the date the licensee allows the individual to work as an authorized nuclear pharmacist under (b), (c) or (d) of this subsection.

(3) A manufacturer or nuclear pharmacy licensee shall possess and use instrumentation to measure the radioactivity of radiopharmaceuticals. The licensee shall have procedures for use of the instrumentation. The licensee shall measure, by direct measurement or by combination of measurements and calculations, the amount of radioactivity in dosages of alpha-, beta-, or photon-emitting radiopharmaceuticals, prior to transfer for commercial distribution. In addition, the licensee shall:

(a) Perform tests before initial use, periodically, and following repair, on each instrument for accuracy, linearity, and geometry dependence, as appropriate for the use of the instrument; and make adjustments when necessary; and

(b) Check each instrument for constancy and proper operation at the beginning of each day of use.

(4) A licensee preparing radiopharmaceuticals from generators; (e.g., molybdenum-99/technetium-99m or rubidium-82 from strontium-82/rubidium-82) shall test generator eluates for breakthrough or contamination of the parent isotope, in accordance with WAC 246-240-160. The licensee shall record the results of each test and retain each record for three years after the record is made.

(5) Nothing in this section relieves the licensee from complying with applicable FDA, other federal, and state requirements governing radiopharmaceuticals.

NEW SECTION

WAC 246-235-103 Prototype tests for manufacture of calibration or reference sources containing americium-241 or radium-226. An applicant for a license under this chapter shall, for any type of source which is designed to contain more than 0.185 kilobecquerel (0.005 microcurie) of americium-241 or radium-226, conduct prototype tests, in the order listed, on each of no less than five prototypes of the source, which contains more than 0.185 kilobecquerel (0.005 microcurie) of americium-241 or radium-226, as follows:

(1) *Initial measurement.* The quantity of radioactive material deposited on the source shall be measured by direct counting of the source.

(2) *Dry wipe test.* The entire radioactive surface of the source shall be wiped with filter paper with the application of moderate finger pressure. Removal of radioactive material from the source shall be determined by measuring the radioactivity on the filter paper or by direct measurement of the radioactivity on the source following the dry wipe.

(3) *Wet wipe test.* The entire radioactive surface of the source shall be wiped with filter paper, moistened with water, with the application of moderate finger pressure. Removal of radioactive material from the source shall be determined by measuring the radioactivity on the filter paper after it has dried or by direct measurement of the radioactivity remaining on the source following the wet wipe.

(4) *Water soak test.* The source shall be immersed in water at room temperature for a period of twenty-four consecutive hours. The source shall then be removed from the water. Removal of radioactive material from the source shall be determined by direct measurement of the radioactivity on the source after it has dried or by measuring the radioactivity in the residue obtained by evaporation of the water in which the source was immersed.

(5) *Dry wipe test.* On completion of the preceding test in this section, the dry wipe test described in subsection (2) of this section shall be repeated.

(6) *Observations.* Removal of more than 0.005 microcurie (185 becquerels) of radioactivity in any test prescribed by this section shall be cause for rejection of the source design. Results of prototype tests submitted to the department or the U.S. Nuclear Regulatory Commission shall be given in terms of radioactivity in microcuries (or becquerels) and percent of removal from the total amount of radioactive material deposited on the source.

AMENDATORY SECTION (Amending WSR 01-02-067, filed 12/29/00, effective 1/29/01)

WAC 246-235-105 Manufacture, assembly or distribution of radioactive material exempt from regulation.

(1) *Licensing the introduction of radioactive material into products in exempt concentrations.* In addition to the requirements set forth in WAC 246-235-020, a specific license authorizing the introduction of radioactive material into a product or material owned by or in the possession of the licensee or another to be transferred to persons exempt under WAC 246-232-010(1) will be issued if:

(a) The applicant submits a description of the product or material into which the radioactive material will be introduced, intended use of the radioactive material and the product or material into which it is introduced, method of introduction, initial concentration of the radioactive material in the product or material, control methods to assure that no more than the specified concentration is introduced into the product or material, estimated time interval between introduction and transfer of the product or material, and estimated concentration of the radioactive material in the product or material at the time of transfer; and

(b) The applicant provides reasonable assurance that the concentrations of radioactive material at the time of transfer will not exceed the concentrations in WAC 246-232-130, Schedule C, that reconstruction of the radioactive material in concentrations exceeding those in WAC 246-232-130, Schedule C, is not likely, that use of lower concentrations is not feasible, and that the product or material is not likely to be incorporated in any food, beverage, cosmetic, drug or other commodity or product designed for ingestion or inhalation by, or application to a human being.

(c) Each person licensed under subsection (1) of this section shall file an annual report with the department which shall identify the type and quantity of each product or material into which radioactive material has been introduced during the reporting period; name and address of the person who owned or possessed the product and material, into which radioactive material has been introduced, at the time of introduction; the type and quantity of radionuclide introduced into each such product or material; and the initial concentrations of the radionuclide in the product or material at time of transfer of the radioactive material by the licensee. If no transfers of radioactive material have been made pursuant to subsection (1) of this section during the reporting period, the report shall so indicate. The report shall cover the year ending June 30, and shall be filed within thirty days thereafter.

(2) Licensing the distribution of certain radioactive material in exempt quantities.*

*Note: Authority to transfer possession or control by the manufacturer, processor or producer of any equipment, device, commodity or other product containing source material or ((by product)) radioactive material whose subsequent possession, use, transfer and disposal by all other persons who are exempted from regulatory requirements may be obtained only from the department or the United States Nuclear Regulatory Commission, Washington, D.C. 20555.

(a) An application for a specific license to distribute naturally occurring and accelerator-produced radioactive mate-

rial (NARM) to persons exempted from these regulations pursuant to WAC 246-232-010 (2)(b) will be approved if:

(i) The radioactive material is not contained in any food, beverage, cosmetic, drug or other commodity designed for ingestion or inhalation by, or application to, a human being;

(ii) The radioactive material is in the form of processed chemical elements, compounds, or mixtures, tissue samples, bioassay samples, counting standards, plated or encapsulated sources, or similar substances, identified as radioactive and to be used for its radioactive properties, but is not incorporated into any manufactured or assembled commodity, product, or device intended for commercial distribution; and

(iii) The applicant submits copies of prototype labels and brochures and the department approves such labels and brochures.

(b) The license issued under ~~((paragraph (2)))~~(a) of this ~~((section))~~ subsection is subject to the following conditions:

(i) No more than ten exempt quantities shall be sold or transferred in any single transaction. However, an exempt quantity may be composed of fractional parts of one or more of the exempt quantity provided the sum of the fractions shall not exceed unity.

(ii) Each exempt quantity shall be separately and individually packaged. No more than ten such packaged exempt quantities shall be contained in any outer package for transfer to persons exempt pursuant to WAC 246-232-010 (2)(b). The outer package shall be such that the dose rate at the external surface of the package does not exceed 0.5 millirem per hour.

(iii) The immediate container of each quantity or separately packaged fractional quantity of radioactive material shall bear a durable, legible label which:

(A) Identifies the radionuclide and the quantity of radioactivity; and

(B) Bears the words "radioactive material."

(iv) In addition to the labeling information required by ~~((item (2)))~~(b)(iii) of this ~~((section))~~ subsection, the label affixed to the immediate container, or an accompanying brochure, shall:

(A) State that the contents are exempt from licensing state requirements;

(B) Bear the words "Radioactive material—Not for human use—Introduction into foods, beverages, cosmetics, drugs, or medicinals, or into products manufactured for commercial distribution is prohibited—Exempt quantities should not be combined"; and

(C) Set forth appropriate additional radiation safety precautions and instructions relating to the handling, use, storage and disposal of the radioactive material.

(c) Each person licensed under ~~((paragraph (2)))~~(a) of this ~~((section))~~ subsection shall maintain records identifying, by name and address, each person to whom radioactive material is transferred for use under WAC 246-232-010 (2)(b) or the equivalent regulations of a licensing state, and stating the kinds and quantities of radioactive material transferred. An annual summary report stating the total quantity of each radionuclide transferred under the specific license shall be filed with the department. Each report shall cover the year ending June 30, and shall be filed within thirty days thereafter. If no transfers of radioactive material have been made pursuant to

subsection (2) of this section during the reporting period, the report shall so indicate.

(3) *Licensing the incorporation of naturally occurring and accelerator-produced radioactive material into gas and aerosol detectors.* An application for a specific license authorizing the incorporation of NARM into gas and aerosol detectors to be distributed to persons exempt under WAC 246-232-012 will be approved if the application satisfies requirements equivalent to those contained in Section 32.26 of 10 CFR Part 32.

*Note: Authority to transfer possession or control by the manufacturer, processor or producer of any equipment, device, commodity or other product containing source material or radioactive material whose subsequent possession, use, transfer and disposal by all other persons who are exempted from regulatory requirements may be obtained only from the department or the United States Nuclear Regulatory Commission, Washington, D.C. 20555.

NEW SECTION

WAC 246-235-107 Serialization of nationally tracked sources. Each licensee who manufactures a nationally tracked source after February 6, 2007, shall assign a unique serial number to each nationally tracked source. Serial numbers must be composed only of alpha-numeric characters.

NEW SECTION

WAC 246-235-125 Special requirements to report transactions involving nationally tracked sources. Each licensee who manufactures, transfers, receives, disassembles, or disposes of a nationally tracked source shall complete and submit a National Source Tracking Transaction Report as specified in subsections (1) through (5) of this section for each type of transaction.

(1) Each licensee who manufactures a nationally tracked source shall complete and submit a National Source Tracking Transaction Report. The report must include the following information;

(a) The name, address, and license number of the reporting licensee;

(b) The name of the individual preparing the report;

(c) The manufacturer, model, and serial number of the source;

(d) The radioactive material in the source;

(e) The initial source strength in becquerels (curies) at the time of manufacture; and

(f) The manufacture date of the source.

(2) Each licensee that transfers a nationally tracked source to another person shall complete and submit a National Source Tracking Transaction Report. The report must include the following information:

(a) The name, address, and license number of the reporting licensee;

(b) The name of the individual preparing the report;

(c) The name and license number of the recipient facility and the shipping address;

(d) The manufacturer, model, and serial number of the source or, if not available, other information to uniquely identify the source;

- (e) The radioactive material in the source;
- (f) The initial or current source strength in becquerels (curies);
- (g) The date for which the source strength is reported;
- (h) The shipping date;
- (i) The estimated arrival date; and
- (j) For nationally tracked sources transferred as waste under a Uniform Low-Level Radioactive Waste Manifest, the waste manifest number and the container identification of the container with the nationally tracked source.

(3) Each licensee that receives a nationally tracked source shall complete and submit a National Source Tracking Transaction Report. The report must include the following information:

- (a) The name, address, and license number of the reporting licensee;
- (b) The name of the individual preparing the report;
- (c) The name, address, and license number of the person that provided the source;
- (d) The manufacturer, model, and serial number of the source or, if not available, other information to uniquely identify the source;
- (e) The radioactive material in the source;
- (f) The initial or current source strength in becquerels (curies);
- (g) The date for which the source strength is reported;
- (h) The date of receipt; and
- (i) For material received under a Uniform Low-Level Radioactive Waste Manifest, the waste manifest number and the container identification with the nationally tracked source.

(4) Each licensee that disassembles a nationally tracked source shall complete and submit a National Source Tracking Transaction Report. The report must include the following information:

- (a) The name, address, and license number of the reporting licensee;
- (b) The name of the individual preparing the report;
- (c) The manufacturer, model, and serial number of the source or, if not available, other information to uniquely identify the source;
- (d) The radioactive material in the source;
- (e) The initial or current source strength in becquerels (curies);
- (f) The date for which the source strength is reported; and
- (g) The disassemble date of the source.

(5) Each licensee who disposes of a nationally tracked source shall complete and submit a National Source Tracking Transaction Report. The report must include the following information:

- (a) The name, address, and license number of the reporting licensee;
- (b) The name of the individual preparing the report;
- (c) The waste manifest number;
- (d) The container identification with the nationally tracked source;
- (e) The date of disposal; and
- (f) The method of disposal.

(6) The reports discussed in subsections (1) through (5) of this section must be submitted by the close of the next business day after the transaction. A single report may be submitted for multiple sources and transactions. The reports must be submitted to the National Source Tracking System by using:

- (a) The on-line National Source Tracking System;
- (b) Electronically using a computer-readable format;
- (c) By facsimile;
- (d) By mail to the address on the National Source Tracking Transaction Report Form (NRC Form 748); or
- (e) By telephone with follow-up by facsimile or mail.

(7) Each licensee shall correct any error in previously filed reports or file a new report for any missed transaction within five business days of the discovery of the error or missed transaction. Such errors may be detected by a variety of methods such as administrative reviews or by physical inventories required by regulation. In addition, each licensee shall reconcile the inventory of nationally tracked sources possessed by the licensee against that licensee's data in the National Source Tracking System. The reconciliation must be conducted during the month of January in each year. The reconciliation process must include resolving any discrepancies between the National Source Tracking System and the actual inventory by filing the reports identified by subsections (1) through (5) of this section. By January 31 of each year, each licensee must submit to the National Source Tracking System confirmation that the data in the National Source Tracking System is correct.

(8) Each licensee that possesses Category 1 nationally tracked sources shall report its initial inventory of Category 1 nationally tracked sources to the National Source Tracking System by January 31, 2009. Each licensee that possesses Category 2 nationally tracked sources shall report its initial inventory of Category 2 nationally tracked sources to the National Source Tracking System by January 9, 2009. The information may be submitted by using any of the methods identified by subsection (7)(a) through (d) of this section. The initial inventory report must include the following information:

- (a) The name, address, and license number of the reporting licensee;
- (b) The name of the individual preparing the report;
- (c) The manufacturer, model, and serial number of each nationally tracked source or, if not available, other information to uniquely identify the source;
- (d) The radioactive material in the sealed source;
- (e) The initial or current source strength in becquerels (curies); and
- (f) The date for which the source strength is reported.

Table 1 - Nationally Tracked Source Thresholds

Radioactive Material	Category 1 (TBq)	Category 1 (Ci)	Category 2 (TBq)	Category 2 (Ci)
Actinium-227	20	540	0.2	5.4
Americium-241	60	1,600	0.6	16
Americium-241/Be	60	1,600	0.6	16
Californium-252	20	540	0.2	5.4
Cobalt-60	30	810	0.3	8.1
Curium-244	50	1,400	0.5	14
Cesium-137	100	2,700	1	27
Gadolinium-153	1,000	27,000	10	270
Iridium-192	80	2,200	0.8	22
Plutonium-238	60	1,600	0.6	16
Plutonium-239/Be	60	1,600	0.6	16
Polonium-210	60	1,600	0.6	16
Promethium-147	40,000	1,100,000	400	11,000
Radium-226	40	1,100	0.4	11
Selenium-75	200	5,400	2	54
Strontium-90	1,000	27,000	10	270
Thorium-228	20	540	0.2	5.4
Thorium-229	20	540	0.2	5.4
Thulium-170	20,000	540,000	200	5,400
Ytterbium-169	300	8,100	3	81

AMENDATORY SECTION (Amending WSR 95-01-108, filed 12/21/94, effective 1/21/95)

WAC 246-235-150 Schedule C—Quantities of radioactive materials requiring consideration of the need for an emergency plan for responding to a release.

Radioactive material ¹	Release fraction	Possession limit (curies)
Actinium-228	0.001	4,000
Americium-241	.001	2
Americium-242	.001	2
Americium-243	.001	2
Antimony-124	.01	4,000
Antimony-126	.01	6,000
Barium-133	.01	10,000
Barium-140	.01	30,000
Bismuth-207	.01	5,000
Bismuth-210	.01	600
Cadmium-109	.01	1,000
Cadmium-113	.01	80
Calcium-45	.01	20,000
Californium-252 ²	.001	9
Carbon-14 ³	.01	50,000
Cerium-141	.01	10,000
Cerium-144	.01	300
Cesium-134	.01	2,000

Radioactive material ¹	Release fraction	Possession limit (curies)
Cesium-137	.01	3,000
Chlorine-36	.5	100
Chromium-51	.01	300,000
Cobalt-60	.001	5,000
Copper-64	.01	200,000
Curium-242	.001	60
Curium-243	.001	3
Curium-244	.001	4
Curium-245	.001	2
Europium-152	.01	500
Europium-154	.01	400
Europium-155	.01	3,000
Germanium-68	.01	2,000
Gadolinium-153	.01	5,000
Gold-198	.01	30,000
Hafnium-172	.01	400
Hafnium-181	.01	7,000
Holmium-166m	.01	100
Hydrogen-3	.5	20,000
Iodine-125	.5	10
Iodine-131	.5	10
Indium-114m	.01	1,000
Iridium-192	.001	40,000

Radioactive material ¹	Release fraction	Possession limit (curies)
Iron-55	.01	40,000
Iron-59	.01	7,000
Krypton-85	1.0	6,000,000
Lead-210	.01	8
Manganese-56	.01	60,000
Mercury-203	.01	10,000
Molybdenum-99	.01	30,000
Neptunium-237	.001	2
Nickel-63	.01	20,000
Niobium-94	.01	300
Phosphorus-32	.5	100
Phosphorus-33	.5	1,000
Polonium-210	.01	10
Potassium-42	.01	9,000
Promethium-145	.01	4,000
Promethium-147	.01	4,000
<u>Radium-226</u>	<u>0.001</u>	<u>100</u>
Ruthenium-106	.01	200
Samarium-151	.01	4,000
Scandium-46	.01	3,000
Selenium-75	.01	10,000
Silver-110m	.01	1,000
Sodium-22	.01	9,000
Sodium-24	.01	10,000
Strontium-89	.01	3,000
Strontium-90	.01	90
Sulfur-35	.5	900
Technetium-99	.01	10,000
Technetium-99m	.01	400,000
Tellurium-127m	.01	5,000
Tellurium-129m	.01	5,000
Terbium-160	.01	4,000
Thulium-170	.01	4,000
Tin-113	.01	10,000
Tin-123	.01	3,000
Tin-126	.01	1,000
Titanium-44	.01	100
Uranium Hexafluoride	.001	Note ⁴
Vanadium-48	.01	7,000
Xenon-133	1.0	900,000
Yttrium-91	.01	2,000
Zinc-65	.01	5,000
Zirconium-93	.01	400
Zirconium-95	.01	5,000
Any other beta-gamma emitter	.01	10,000

Radioactive material ¹	Release fraction	Possession limit (curies)
Mixed fission products	.01	1,000
Mixed corrosion products	.01	10,000
Contaminated equipment beta-gamma	.001	10,000
Irradiated material, any form other than solid non-combustible	.01	1,000
Irradiated material, solid noncombustible	.001	10,000
Mixed radioactive waste, beta-gamma	.01	1,000
Packaged mixed waste, beta-gamma ⁵	.001	10,000
Any other alpha emitter	.001	2
Contaminated equipment, alpha	.0001	20
Packaged waste, alpha ⁵	.0001	20
Combinations of radioactive materials listed above ¹		

¹ For combinations of radioactive materials, consideration of the need for an emergency plan is required if the sum of the ratios of the quantity of each radioactive material authorized to the quantity listed for that material in Schedule C exceeds one.

² For Californium-252, the quantity may also be expressed as 20 milligrams.

³ Excludes Carbon-14 as carbon dioxide.

⁴ For uranium hexafluoride, the quantity is 50 kilograms in a single container or 1,000 kilograms total.

⁵ Waste packaged in Type B containers does not require an emergency plan.

AMENDATORY SECTION (Amending WSR 07-14-131, filed 7/3/07, effective 8/3/07)

WAC 246-240-010 Definitions. Address of use means the building or buildings that are identified on the license and where radioactive material may be received, prepared, used, or stored.

Area of use means a portion of an address of use that has been set aside for the purpose of receiving, preparing, using, or storing radioactive material.

Authorized medical physicist means an individual who:

(1) Meets the requirements in WAC 246-240-072 and 246-240-081; or

(2) Is identified as an authorized medical physicist or teletherapy physicist on:

(a) A specific medical use license issued by the department, the U.S. Nuclear Regulatory Commission or an agreement state;

(b) A medical use permit issued by a U.S. NRC master material licensee;

(c) A permit issued by a U.S. NRC or agreement state broad scope medical use licensee; or

(d) A permit issued by a U.S. NRC master material license broad scope medical use permittee.

Authorized nuclear pharmacist means a pharmacist who:

(1) Meets the requirements in WAC 246-240-075 and 246-240-081; or

(2) Is identified as an authorized nuclear pharmacist on:

(a) A specific license issued by the department, the U.S. NRC or an agreement state, that authorizes medical use or the practice of nuclear pharmacy;

(b) A permit issued by a U.S. NRC master material licensee that authorizes medical use or the practice of nuclear pharmacy;

(c) A permit issued by a U.S. NRC or agreement state broad scope medical use licensee that authorizes medical use or the practice of nuclear pharmacy; or

(d) A permit issued by a U.S. NRC master material license broad scope medical use permittee that authorizes medical use or the practice of nuclear pharmacy; or

(3) Is identified as an authorized nuclear pharmacist by a commercial nuclear pharmacy that has been authorized to identify authorized nuclear pharmacists; or

(4) Is designated as an authorized nuclear pharmacist in accordance with WAC 246-235-100(2).

Authorized user means a physician, dentist, or podiatrist who:

(1) Meets the requirements in WAC 246-240-081 and 246-240-154, 246-240-163, 246-240-210, 246-240-213, 246-240-216, 246-240-278, 246-240-301, or 246-240-399; or

(2) Is identified as an authorized user on:

(a) A department, U.S. NRC, or agreement state license that authorizes the medical use of radioactive material;

(b) A permit issued by a U.S. NRC master material licensee that is authorized to permit the medical use of radioactive material;

(c) A permit issued by a department, U.S. NRC, or agreement state specific licensee of broad scope that is authorized to permit the medical use of radioactive material; or

(d) A permit issued by a U.S. NRC master material license broad scope permittee that is authorized to permit the medical use of radioactive material.

Brachytherapy means a method of radiation therapy in which sources are used to deliver a radiation dose at a distance of up to a few centimeters by surface, intracavitary, intraluminal, or interstitial application.

Brachytherapy source means a radioactive source or a manufacturer-assembled source train or a combination of these sources that is designed to deliver a therapeutic dose within a distance of a few centimeters.

Client's address means the area of use or a temporary job site for the purpose of providing mobile medical service in accordance with WAC 246-240-125.

Cyclotron means a particle accelerator in which the charged particles travel in an outward spiral or circular path. A cyclotron accelerates charged particles at energies usually in excess of 10 megaelectron volts and is commonly used for production of short half-life radionuclides for medical use.

Dedicated check source means a radioactive source that is used to assure the constant operation of a radiation detection or measurement device over several months or years.

Dentist means an individual licensed by a state or territory of the United States, the District of Columbia, or the Commonwealth of Puerto Rico to practice dentistry.

High dose-rate remote afterloader, as used in this chapter, means a brachytherapy device that remotely delivers a dose rate in excess of 12 gray (1200 rads) per hour at the point or surface where the dose is prescribed.

Low dose-rate remote afterloader, as used in this chapter, means a brachytherapy device that remotely delivers a dose rate of less than or equal to 2 gray (200 rads) per hour at the point or surface where the dose is prescribed.

Management means the chief executive officer or other individual having the authority to manage, direct, or administer the licensee's activities, or that person's delegate or delegates.

Manual brachytherapy, as used in this chapter, means a type of brachytherapy in which the brachytherapy sources (e.g., seeds, ribbons) are manually placed topically on or inserted either into the body cavities that are in close proximity to a treatment site or directly into the tissue volume.

Medical event means an event that meets the criteria in WAC 246-240-651.

Medical institution means an organization in which more than one medical discipline is practiced.

Medical use means the intentional internal or external administration of radioactive material or the radiation from radioactive material to patients or human research subjects under the supervision of an authorized user.

Medium dose-rate remote afterloader, as used in this chapter, means a brachytherapy device that remotely delivers a dose rate of greater than 2 gray (200 rads), but less than or equal to 12 grays (1200 rads) per hour at the point or surface where the dose is prescribed.

Mobile medical service means the transportation of radioactive material to and its medical use at the client's address.

Output means the exposure rate, dose rate, or a quantity related in a known manner to these rates from a brachytherapy source or a teletherapy, remote afterloader, or gamma stereotactic radiosurgery unit for a specified set of exposure conditions.

Patient intervention means actions by the patient or human research subject, whether intentional or unintentional, such as dislodging or removing treatment devices or prematurely terminating the administration.

Podiatrist means an individual licensed by a state or territory of the United States, the District of Columbia, or the Commonwealth of Puerto Rico to practice podiatry.

Positron emission tomography (PET) radionuclide production facility means a facility operating an accelerator for the purpose of producing PET radionuclides.

Preceptor means an individual who provides, directs, or verifies training and experience required for an individual to become an authorized user, an authorized medical physicist, an authorized nuclear pharmacist, or a radiation safety officer.

Prescribed dosage means the specified activity or range of activity of unsealed radioactive material as documented:

(1) In a written directive; or

(2) In accordance with the directions of the authorized user for procedures performed under WAC 246-240-151 and 246-240-157.

Prescribed dose means:

(1) For gamma stereotactic radiosurgery, the total dose as documented in the written directive;

(2) For teletherapy, the total dose and dose per fraction as documented in the written directive;

(3) For manual brachytherapy, either the total source strength and exposure time or the total dose, as documented in the written directive; or

(4) For remote brachytherapy afterloaders, the total dose and dose per fraction as documented in the written directive.

Pulsed dose-rate remote afterloader, as used in this chapter, means a special type of remote afterloading brachytherapy device that uses a single source capable of delivering dose rates in the "high dose-rate" range, but:

(1) Is approximately one-tenth of the activity of typical high dose-rate remote afterloader sources; and

(2) Is used to simulate the radiobiology of a low dose-rate treatment by inserting the source for a given fraction of each hour.

Radiation safety officer means an individual who:

(1) Meets the requirements in WAC 246-240-069 and 246-240-081; or

(2) Is identified as a radiation safety officer on a specific medical use license issued by the department prior to October 5, 2005, the U.S. NRC or an agreement state; or

(3) A medical use permit issued by a commission master material licensee.

Sealed source and device registry means the national registry that contains all the registration certificates, generated by both the U.S. NRC and the agreement states, that summarize the radiation safety information for the sealed sources and devices and describe the licensing and use conditions approved for the product.

Stereotactic radiosurgery means the use of external radiation in conjunction with a stereotactic guidance device to very precisely deliver a therapeutic dose to a tissue volume.

Structured educational program means an educational program designed to impart particular knowledge and practical education through interrelated studies and supervised training.

Teletherapy, as used in this chapter, means a method of radiation therapy in which collimated gamma rays are delivered at a distance from the patient or human research subject.

Temporary job site means a location where mobile medical services are conducted other than those location(s) of use authorized on the license.

Therapeutic dosage means a dosage of unsealed radioactive material that is intended to deliver a radiation dose to a patient or human research subject for palliative or curative treatment.

Therapeutic dose means a radiation dose delivered from a source containing radioactive material to a patient or human research subject for palliative or curative treatment.

Treatment site means the anatomical description of the tissue intended to receive a radiation dose, as described in a written directive.

Type of use means use of radioactive material under WAC 246-240-151, 246-240-157, 246-240-201, 246-240-251, 246-240-301, 246-240-351, or 246-240-501.

Unit dosage means a dosage prepared for medical use for administration as a single dosage to a patient or human research subject without any further manipulation of the dosage after it is initially prepared.

Written directive means an authorized user's written order for the administration of radioactive material or radiation from radioactive material to a specific patient or human research subject, as specified in WAC 246-240-060.

AMENDATORY SECTION (Amending WSR 06-05-019, filed 2/6/06, effective 3/9/06)

WAC 246-240-060 Written directives. (1) A written directive must be dated and signed by an authorized user before the administration of I-131 sodium iodide greater than 1.11 megabecquerels (~~((MBq))~~) (30 microcuries (~~((µCi))~~)), any therapeutic dosage of unsealed radioactive material or any therapeutic dose of radiation from radioactive material.

If, because of the emergent nature of the patient's condition, a delay in order to provide a written directive would jeopardize the patient's health, an oral directive is acceptable. The information contained in the oral directive must be documented as soon as possible in writing in the patient's record. A written directive must be prepared within forty-eight hours of the oral directive.

(2) The written directive must contain the patient or human research subject's name and the following information:

(a) For any administration of quantities greater than 1.11 (~~((MBq))~~) megabecquerels (30 (~~((µCi))~~) microcuries) of sodium iodide I-131: The dosage;

(b) For an administration of a therapeutic dosage of unsealed radioactive material other than sodium iodide I-131: The radioactive drug, dosage, and route of administration;

(c) For gamma stereotactic radiosurgery: The total dose, treatment site, and values for the target coordinate settings per treatment for each anatomically distinct treatment site;

(d) For teletherapy: The total dose, dose per fraction, number of fractions, and treatment site;

(e) For high dose-rate remote afterloading brachytherapy: The radionuclide, treatment site, dose per fraction, number of fractions, and total dose; or

(f) For all other brachytherapy, including low, medium, and pulsed dose rate remote afterloaders:

(i) Before implantation: Treatment site, the radionuclide, and dose; and

(ii) After implantation but before completion of the procedure: The radionuclide, treatment site, number of sources, and total source strength and exposure time (or the total dose).

(3) A written revision to an existing written directive may be made if the revision is dated and signed by an authorized user before the administration of the dosage of unsealed radioactive material, the brachytherapy dose, the gamma stereotactic radiosurgery dose, the teletherapy dose, or the next fractional dose.

If, because of the patient's condition, a delay in order to provide a written revision to an existing written directive would jeopardize the patient's health, an oral revision to an existing written directive is acceptable. The oral revision must be documented as soon as possible in the patient's record. A revised written directive must be signed by the authorized user within forty-eight hours of the oral revision.

(4) The licensee shall retain a copy of the written directive in accordance with WAC 246-240-557.

AMENDATORY SECTION (Amending WSR 06-05-019, filed 2/6/06, effective 3/9/06)

WAC 246-240-107 Determination of dosages of unsealed radioactive material for medical use. (1) A licensee shall determine and record the activity of each dosage before medical use.

(2) For a unit dosage, this determination must be made by:

- (a) Direct measurement of radioactivity; or
- (b) A decay correction, based on the activity or activity concentration determined by:

(i) A manufacturer, producer, or preparer licensed under WAC 246-235-100 or equivalent U.S. NRC or agreement state requirements; or

(ii) An agreement state or U.S. NRC licensee for use in research in accordance with a radioactive drug research committee-approved protocol or an investigational new drug (IND) protocol accepted by FDA.

(3) For other than unit dosages, this determination must be made by:

- (a) Direct measurement of radioactivity;
- (b) Combination of measurement of radioactivity and mathematical calculations; or

(c) Combination of volumetric measurements and mathematical calculations, based on the measurement made by a manufacturer, producer, or preparer licensed under WAC 246-235-100 or equivalent agreement state requirements.

(4) Unless otherwise directed by the authorized user, a licensee may not use a dosage if the dosage does not fall within the prescribed dosage range or if the dosage differs from the prescribed dosage by more than twenty percent.

(5) A licensee shall retain a record of the dosage determination required by this section in accordance with WAC 246-240-569.

AMENDATORY SECTION (Amending WSR 07-14-131, filed 7/3/07, effective 8/3/07)

WAC 246-240-110 Authorization for calibration, transmission, and reference sources. Any person authorized by WAC 246-240-016 for medical use of radioactive material may receive, possess, and use any of the following radioactive material for check, calibration, transmission, and reference use:

(1) Sealed sources, not exceeding 1.11 ((~~GBq~~) gigabecquerels (30 ((~~mCi~~) millicuries) each, manufactured and distributed by a person licensed under WAC 246-235-102 or equivalent agreement state or U.S. NRC regulations.

(2) Sealed sources, not exceeding 1.11 ((~~GBq~~) gigabecquerels (30 ((~~mCi~~) millicuries) each, redistributed by a licensee authorized to redistribute the sealed sources manufactured and distributed by a person licensed under WAC 246-235-102, or equivalent agreement state or U.S. NRC regulations if the redistributed sealed sources are in the original packaging and shielding and are accompanied by the manufacturer's approved instructions.

(3) Any radioactive material with a half-life not longer than one hundred twenty days in individual amounts not to exceed 0.56 ((~~GBq~~) gigabecquerels (15 ((~~mCi~~) millicuries).

(4) Any radioactive material with a half-life longer than one hundred twenty days in individual amounts not to exceed the smaller of 7.4 ((~~MBq~~) megabecquerels (200 ((~~µCi~~) microcuries) or 1000 times the quantities in Schedule B of WAC 246-232-120.

(5) Technetium-99m in amounts as needed.

AMENDATORY SECTION (Amending WSR 06-05-019, filed 2/6/06, effective 3/9/06)

WAC 246-240-113 Requirements for possession of sealed sources and brachytherapy sources. (1) A licensee in possession of any sealed source or brachytherapy source shall follow the radiation safety and handling instructions supplied by the manufacturer.

(2) A licensee in possession of a sealed source shall:

(a) Test the source for leakage before its first use unless the licensee has a certificate from the supplier indicating that the source was tested within six months before transfer to the licensee; and

(b) Test the source for leakage at intervals not to exceed six months or at other intervals approved by the department, the U.S. NRC, or an agreement state in the sealed source and device registry.

(3) To satisfy the leak test requirements of this section, the licensee shall ensure the sample is analyzed by such method that the leak test can detect the presence of 185 ((~~Bq~~) becquerels (0.005 ((~~µCi~~) microcuries) of radioactive material in the sample.

(4) A licensee shall retain leak test records in accordance with WAC 246-240-572(1).

(5) If the leak test reveals the presence of 185 ((~~Bq~~) becquerels (0.005 ((~~µCi~~) microcuries) or more of removable contamination, the licensee shall:

(a) Immediately withdraw the sealed source from use and store, dispose, or cause it to be repaired in accordance with the requirements in chapters 246-221 and 246-232 WAC; and

(b) File a report within five days of the leak test in accordance with WAC 246-240-657.

(6) A licensee need not perform a leak test on the following sources:

(a) Sources containing only radioactive material with a half-life of less than thirty days;

(b) Sources containing only radioactive material as a gas;

(c) Sources containing 3.7 ((~~MBq~~) megabecquerels (100 ((~~µCi~~) microcuries) or less of beta-or gamma-emitting material or 0.37 ((~~MBq~~) megabecquerels (10 ((~~µCi~~) microcuries) or less of alpha-emitting material;

(d) Seeds of iridium-192 encased in nylon ribbon; and

(e) Sources stored and not being used. However, the licensee shall test each source for leakage before any use or transfer unless it has been leak tested within six months before the date of use or transfer.

(7) A licensee in possession of sealed sources or brachytherapy sources, except for gamma stereotactic radiosurgery sources, shall conduct a physical inventory of all the sources in its possession at intervals not to exceed six months. The licensee shall retain each inventory record in accordance with WAC 246-240-572.

AMENDATORY SECTION (Amending WSR 07-14-131, filed 7/3/07, effective 8/3/07)

WAC 246-240-151 Use of unsealed radioactive material for uptake, dilution, and excretion studies for which a written directive is not required. Except for quantities that require a written directive under WAC 246-240-060(2), a licensee may use any unsealed radioactive material prepared for medical use for uptake, dilution, or excretion studies that is:

(1) Obtained from a manufacturer, producer, or preparer licensed under WAC 246-235-100(1) or equivalent U.S. NRC or agreement state requirements; or

(2) Prepared by an authorized nuclear pharmacist, or a physician who is an authorized user and who meets the requirements specified in WAC 246-240-163, or 246-240-210 and 246-240-163 (3)(a)(ii)(G), or an individual under the supervision of either as specified in WAC 246-240-057; or

(3) Obtained from and prepared by an agreement state or U.S. NRC licensee for use in research in accordance with a radioactive drug research committee-approved protocol or an investigational new drug (IND) protocol accepted by FDA; or

(4) Prepared by the licensee for use in research in accordance with a radioactive drug research committee-approved application or an investigational new drug (IND) protocol accepted by FDA.

AMENDATORY SECTION (Amending WSR 07-14-131, filed 7/3/07, effective 8/3/07)

WAC 246-240-157 Use of unsealed radioactive material for imaging and localization studies for which a written directive is not required. Except for quantities that require a written directive under WAC 246-240-060(2), a licensee may use any unsealed radioactive material prepared for medical use for imaging and localization studies that is:

(1) Obtained from a manufacturer, producer, or preparer licensed under WAC 246-235-100(1) or equivalent agreement state or U.S. NRC requirements; or

(2) Prepared by an authorized nuclear pharmacist, a physician who is an authorized user and who meets the requirements specified in WAC 246-240-163, or 246-240-210 and 246-240-163 (3)(a)(ii)(G), or an individual under the supervision of either as specified in WAC 246-240-057;

(3) Obtained from and prepared by an agreement state or U.S. NRC licensee for use in research in accordance with a radioactive drug research committee-approved protocol or an investigational new drug (IND) protocol accepted by FDA; or

(4) Prepared by the licensee for use in research in accordance with a radioactive drug research committee-approved application or an investigational new drug (IND) protocol accepted by FDA.

AMENDATORY SECTION (Amending WSR 06-05-019, filed 2/6/06, effective 3/9/06)

WAC 246-240-160 Permissible molybdenum-99 concentration. (1) A licensee may not administer to humans a radiopharmaceutical that contains more than:

(a) 5.55 kilobecquerel of molybdenum-99 per 37 megabecquerel of technetium-99m (0.15 microcurie of molybdenum-99 per millicurie of technetium-99m); or

(b) 0.02 kilobecquerel of strontium-82 per megabecquerel of rubidium-82 chloride injection, (0.02 microcurie of strontium-82 per millicurie of rubidium-82 chloride); or

(c) 0.2 kilobecquerel of strontium-85 per megabecquerel of rubidium-82 chloride injection (0.2 microcurie of strontium-85 per millicurie of rubidium-82).

(2) A licensee that uses molybdenum-99/technetium-99m generators for preparing a technetium-99m radiopharmaceutical shall measure the molybdenum-99 concentration of the first eluate after receipt of a generator to demonstrate compliance with subsection (1) of this section.

(3) A licensee that uses a strontium-82/rubidium-82 generator for preparing a rubidium-82 radiopharmaceutical shall, before the first patient use of the day, measure the concentration of strontium-82 and strontium-85 to demonstrate compliance with subsection (1)(a) of this section.

(4) If a licensee is required to measure the molybdenum-99 concentration, or strontium-82 and strontium-85 concentrations the licensee shall retain a record of each measurement in accordance with WAC 246-240-587.

AMENDATORY SECTION (Amending WSR 06-05-019, filed 2/6/06, effective 3/9/06)

WAC 246-240-201 Use of unsealed radioactive material for which a written directive is required. A licensee may use any unsealed radioactive material prepared for medical use and for which a written directive is required that is:

(1) Obtained from a manufacturer, producer, or preparer licensed under WAC 246-235-100(1) or equivalent agreement state or U.S. NRC requirements; or

(2) Prepared by an authorized nuclear pharmacist, a physician who is an authorized user and who meets the requirements specified in WAC 246-240-163 or 246-240-210, or an individual under the supervision of either as specified in WAC 246-240-057; or

(3) Obtained from and prepared by an agreement state or U.S. NRC licensee for use in research in accordance with an investigational new drug (IND) protocol accepted by FDA; or

(4) Prepared by the licensee for use in research in accordance with an investigational new drug (IND) protocol accepted by FDA.

AMENDATORY SECTION (Amending WSR 06-05-019, filed 2/6/06, effective 3/9/06)

WAC 246-240-569 Records of dosages of unsealed radioactive material for medical use. (1) A licensee shall maintain a record of dosage determinations required by WAC 246-240-107 for three years.

(2) The record must contain:

- (a) The radiopharmaceutical;
- (b) The patient's or human research subject's name, or identification number if one has been assigned;
- (c) The prescribed dosage, the determined dosage, or a notation that the total activity is less than 1.1 ((MBq)) megabecquerels (30 ((μ Ci)) microcuries);
- (d) The date and time of the dosage determination; and
- (e) The name of the individual who determined the dosage.

AMENDATORY SECTION (Amending WSR 06-05-019, filed 2/6/06, effective 3/9/06)

WAC 246-240-587 Records of molybdenum-99, strontium-82, and strontium-85 concentrations. A licensee shall maintain a record of the molybdenum-99, strontium-82, and/or strontium-85 concentration tests required by WAC 246-240-160(2) for three years.

(1) The record must include, for each measured elution of technetium-99m, the ratio of the measures expressed as kilobecquerels of molybdenum-99 per megabecquerel of technetium-99m (or microcuries of molybdenum per millicurie of technetium), the time and date of the measurement, and the name of the individual who made the measurement.

(2) For each measured elution of rubidium-82, the ratio of the measures expressed as kilobecquerels of strontium-82 per megabecquerel of rubidium-82 (or microcuries of strontium-82 per millicurie of rubidium), and/or kilobecquerels of strontium-85 per megabecquerel of rubidium-82 (or microcuries of strontium-85 per millicurie of rubidium), the time and date of the measurement, and the name of the individual who made the measurement.

AMENDATORY SECTION (Amending WSR 06-05-019, filed 2/6/06, effective 3/9/06)

WAC 246-240-657 Report of a leaking source. A licensee shall file a report within five days if a leak test required by WAC 246-240-113 reveals the presence of 185 ((Bq)) becquerels (0.005 ((μ Ci)) microcuries) or more of removable contamination. The report must be filed with the department, and sent to the department at P.O. Box 47827, Olympia WA 98504-7827, (phone 360-236-3300). The written report must include the model number and serial number if assigned, of the leaking source; the radionuclide and its estimated activity; the results of the test; the date of the test; and the action taken.

**WSR 09-06-006
PERMANENT RULES
DEPARTMENT OF HEALTH**

(Nursing Care Quality Assurance Commission)
[Filed February 18, 2009, 4:10 p.m., effective March 21, 2009]

Effective Date of Rule: Thirty-one days after filing.

Purpose: Nursing delegation rules already exist. Legislation was passed in 2008 (E2SHB 2668, chapter 146, Laws of 2008) that adds insulin injection as a health care task that can be delegated by a registered nurse (RN) to a nursing assistant. The rule amendments allow for the delegation of insulin injections and establishes the training standards and the process that must be followed in order to delegate.

Citation of Existing Rules Affected by this Order: Amending WAC 246-840-910, 246-840-920, 246-840-930, 246-840-940, 246-840-950, 246-840-960, 246-840-970, and 246-841-405.

Statutory Authority for Adoption: RCW 18.79.110, 18.79.260, 18.88A.060 [18.88A.060], and 18.88A.210.

Adopted under notice filed as WSR 09-01-001 on December 3, 2008.

A final cost-benefit analysis is available by contacting Terry West, Department of Health, P.O. Box 47864, Olympia, WA 98504, phone (360) 236-4712, fax (360) 236-4738, e-mail terry.west@doh.wa.gov.

Number of Sections Adopted in Order to Comply with Federal Statute: New 0, Amended 0, Repealed 0; Federal Rules or Standards: New 0, Amended 0, Repealed 0; or Recently Enacted State Statutes: New 0, Amended 8, Repealed 0.

Number of Sections Adopted at Request of a Nongovernmental Entity: New 0, Amended 0, Repealed 0.

Number of Sections Adopted on the Agency's Own Initiative: New 0, Amended 0, Repealed 0.

Number of Sections Adopted in Order to Clarify, Streamline, or Reform Agency Procedures: New 0, Amended 0, Repealed 0.

Number of Sections Adopted Using Negotiated Rule Making: New 0, Amended 0, Repealed 0; Pilot Rule Making: New 0, Amended 0, Repealed 0; or Other Alternative Rule Making: New 0, Amended 8, Repealed 0.

Date Adopted: January 27, 2009.

Paula R. Meyer, RN, MSN
Executive Director

AMENDATORY SECTION (Amending WSR 04-14-065, filed 7/2/04, effective 7/2/04)

WAC 246-840-910 Purpose. ~~((The purpose of)) This ((delegation protocol is to ensure that nursing care services have)) rule defines a consistent standard of ((practice upon which the public and profession may rely and to safeguard the authority of)) nursing care with the delegation of nursing tasks to nursing assistants. The registered nurse delegator ((to)) makes independent professional decisions ((regarding)) of the delegation of a nursing task. A licensed registered nurse may delegate specific nursing care tasks to nursing assistants ((who meet)) meeting certain requirements and ((provide)) providing care to individuals in a community-based care setting ((as)) defined by RCW 18.79.260 (3)(e)(i)~~

and to individuals in an in-home care setting ~~((as))~~ defined by RCW 18.79.260 (3)(e)(ii). Before delegating a task, the registered nurse delegator ~~((must))~~ determines that specific criteria ~~((described in the protocol))~~ are met and ~~((ensure that))~~ the patient is in a stable and predictable condition. Registered nurses delegating tasks are accountable to the Washington state nursing care quality assurance commission. The registered nurse delegator and nursing assistant are accountable for their own individual actions in the delegation process. No person may coerce a registered nurse into compromising patient safety by requiring the registered nurse to delegate ~~((if the registered nurse delegator determines it is inappropriate to do so))~~. Registered nurse delegators shall not delegate the following care tasks:

- (1) Administration of medications by injection (by intramuscular, intradermal, subcutaneous, intraosseous, intravenous, or otherwise) with the exception of insulin injections.
- (2) Sterile procedures.
- (3) Central line maintenance.
- (4) Acts that require nursing judgment.

AMENDATORY SECTION (Amending WSR 02-02-047, filed 12/27/01, effective 1/27/02)

WAC 246-840-920 Definitions. For the purposes of this chapter, the definitions in this section apply ~~((throughout the protocol))~~.

(1) "Authorized representative" means a person ~~((authorized))~~ allowed to provide ~~((informed))~~ written consent for health care on behalf of a patient who is not competent to consent. Such person shall be a member of one of the classes of persons as directed in RCW 7.70.065.

(2) "Coercion" means to force or compel another, by authority, to do something that he/she would not otherwise choose to do.

(3) "Complex task" means that a nursing task may become more complicated because of ~~((the interrelationship between the following criteria))~~:

- (a) The patient's condition;
- (b) The setting;
- (c) The nursing care task(s) and involved risks; and
- (d) The skill level required to perform the task.

The registered nurse delegator ~~((must identify))~~ identifies and facilitates additional training of the nursing assistant prior to delegation in these situations. The registered nurse delegator ~~((may))~~ decides if the task is not delegable. In no case, may administration of medications by injection with the exception of insulin injections, sterile procedures and central line maintenance be delegated.

(4) "Medication assistance" as defined in chapter 246-888 WAC does not require delegation by a licensed nurse.

(5) "Nursing assistant" means a nursing assistant-registered under chapter 18.88A RCW or a nursing assistant-certified under chapter 18.88A RCW, ~~((who provides))~~ providing support and care to individuals served by certified community residential programs for the developmentally disabled, to individuals residing in licensed adult family homes, to in-home care and to individuals residing in licensed boarding homes.

(6) "Outcome" means the end result or consequence of an action after following ~~((an established))~~ a plan of care.

(7) "Patient" means the individual ~~((recipient of))~~ receiving nursing ~~((actions))~~ care tasks. In the community residential settings, the patient may ~~((also))~~ be ~~((referred to as))~~ a client, consumer, or resident.

(8) "Personal care services" as defined in WAC ~~((388-15-202))~~ 388-106-0010 do not require delegation by a licensed nurse.

(9) "Procedure" means a series of steps ~~((by which))~~ with a desired result ~~((is obtained))~~; a particular course of action or way of doing something.

(10) ~~((Protocol means an explicit, detailed written plan specifying the procedures to be followed in providing care for a particular condition.))~~

~~((11))~~ "Registered nurse delegation" means the registered nurse transfers the performance of selected nursing tasks to competent nursing assistants in selected situations. The registered nurse delegating the task retains the responsibility and accountability for the nursing care of the patient.

~~((12))~~ (11) "Supervision" means the ~~((provision of))~~ guidance and evaluation by a registered nurse delegator for the accomplishment of a nursing task or activity, ~~((as outlined in this protocol.))~~ including the initial direction of the task or activity; periodic inspection at least every ninety days of the actual act of accomplishing the task or activity; and the authority to require corrective action.

~~((13))~~ (12) "Immediate supervision" means the registered nurse delegator is on the premises ~~((and is))~~, within audible and visual range of the patient and the patient ~~((has been assessed))~~ assessment by the registered nurse delegator occurs prior to the delegation of duties to any care giver.

~~((14))~~ (13) "Direct supervision" means the registered nurse delegator ~~((is))~~ on the premises, ~~((is))~~ quickly and easily available and the patient ~~((has been assessed))~~ assessment by the registered nurse delegator occurs prior to the delegation of the duties to any care giver.

~~((15))~~ (14) "Indirect supervision" means the registered nurse delegator is not on the premises ~~((but has previously given))~~. The registered nurse delegator previously provided written instructions for the care and treatment of the patient ~~((and the patient has been assessed by the registered nurse delegator prior to the delegation of duties to any care giver. If oral clarification of the written instructions is required, it must be documented))~~. The registered nurse delegator documents in the patient record the instruction to the nursing assistant, observation of the delegated task, and confirmation of the nursing assistant understanding the directions.

~~((16))~~ (15) "Stable and predictable condition" means ~~((a situation in which))~~ the registered nurse delegator determines the patient's clinical and behavioral status is ~~((known through the registered nurse delegator's assessment to be))~~ nonfluctuating and consistent ~~((including))~~. Stable and predictable may include a terminally ill patient whose deteriorating condition is ~~((predictable))~~ expected. Stable and predictable may include a patient with sliding scale insulin orders. The registered nurse delegator determines ~~((that))~~ the patient does not require ~~((their))~~ frequent nursing presence and evaluation.

AMENDATORY SECTION (Amending WSR 04-14-065, filed 7/2/04, effective 7/2/04)

WAC 246-840-930 Criteria for delegation. (1) Before delegating a nursing task, the registered nurse delegator (~~((must determine that it))~~) decides the task is appropriate to delegate based on the elements of the nursing process: ASSESS, PLAN, IMPLEMENT, EVALUATE(~~((:))~~).

ASSESS

(2) (~~((Determine that))~~) The setting allows delegation because it is a community-based care setting as defined by RCW 18.79.260 (3)(e)(i) or an in-home care setting as defined by RCW 18.79.260 (3)(e)(ii).

(3) Assess the patient's nursing care needs and determine (~~((that))~~) the patient's condition is ((in a)) stable and predictable ((condition)). A patient may be stable and predictable with an order for sliding scale insulin or terminal condition.

(4) Determine (~~((that))~~) the task to be delegated is within the delegating nurse's area of responsibility.

(5) Determine (~~((that))~~) the task to be delegated can be properly and safely performed by the nursing assistant. The registered nurse delegator ((shall assess)) assesses the potential risk of harm for the individual patient. ((Potential harm may include, but is not limited to, infection, hemorrhage, hypoxemia, nerve damage, physical injury, or psychological distress.))

(6) Analyze the complexity of the nursing task and determine the required training or additional training needed by the nursing assistant to competently accomplish the task. (~~((The registered nurse delegator shall consider the psychomotor and cognitive skills required to perform the nursing task. More complex tasks may require additional training and supervision for the nursing assistant.))~~) The registered nurse delegator ((must identify)) identifies and facilitates any additional training of the nursing assistant ((that is)) needed prior to delegation. The registered nurse delegator ((must)) ensures ((that)) the task to be delegated can be properly and safely performed by the nursing assistant.

(7) Assess the level of interaction required(~~((considering))~~). Consider language or cultural diversity ((that may affect)) affecting communication or the ability to accomplish the task ((to be delegated, as well as methods)) and to facilitate the interaction.

(8) Verify that the nursing assistant:

(a) Is currently registered or certified as a nursing assistant in Washington state (~~((and is in good standing))~~) without restriction;

(b) As required in WAC 246-841-405 (2)(a), nursing assistants registered (~~((must complete))~~) have completed both the basic caregiver training and core delegation training before performing any delegated task;

(c) Has a certificate of completion issued by the department of social and health services indicating completion of the required core nurse delegation training; (~~((and))~~)

(d) Has a certificate of completion issued by the department of social and health services indicating completion of diabetes training when providing insulin injections to a diabetic client; and

(e) Is willing and able to perform the task in the absence of direct or immediate nurse supervision and accept responsibility for their actions.

(9) Assess the ability of the nursing assistant to competently perform the delegated nursing task in the absence of direct or immediate nurse (~~((supervision to ensure that the nursing task can be properly and safely performed by the nursing assistant))~~).

(10) If the registered nurse delegator determines delegation is appropriate, the nurse (~~((must))~~):

(a) (~~((Discuss))~~) Discusses the delegation process with the patient or authorized representative, including the level of training of the nursing assistant delivering care.

(b) Obtains (~~((patient))~~) written consent. The patient, or authorized representative, must give written, (~~((informed))~~) consent to the delegation process under chapter 7.70 RCW. Documented verbal consent of patient or authorized representative may be acceptable if written consent is obtained within thirty days; electronic consent is an acceptable format. (~~((e))~~) Written consent is only necessary at the initial use of the nurse delegation process for each patient and is not necessary for task additions or changes or if a different nurse or nursing assistant will be participating in the process.

PLAN

(11) Document in the patient's record the rationale for delegating or not delegating nursing tasks.

(12) Provide specific, written delegation instructions to the nursing assistant with a copy maintained in the patient's record that includes:

(a) The rationale for delegating the nursing task;

(b) (~~((That))~~) The delegated nursing task is specific to one patient and is not transferable to another patient;

(c) (~~((That))~~) The delegated nursing task is specific to one nursing assistant and is not transferable to another nursing assistant;

(d) The nature of the condition requiring treatment and purpose of the delegated nursing task;

(e) A clear description of the procedure or steps to follow to perform the task;

(f) The predictable outcomes of the nursing task and how to effectively deal with them;

(g) The risks of the treatment;

(h) The interactions of prescribed medications;

(i) How to observe and report side effects, complications, or unexpected outcomes and appropriate actions to deal with them, including specific parameters for notifying the registered nurse delegator, health care provider, or emergency services;

(j) The action to take in situations where medications and/or treatments and/or procedures are altered by health care provider orders, including:

(i) How to notify the registered nurse delegator of the change;

(ii) The process the registered nurse delegator (~~((will))~~) uses to obtain verification from the health care provider of the change in the medical order; and

(iii) The process to notify the nursing assistant of whether administration of the medication or performance of the procedure and/or treatment is delegated or not;

(k) How to document the task in the patient's record;

(l) Document ~~((what))~~ teaching ~~((was))~~ done and ~~((that))~~ a return demonstration, or other method for verification of competency ~~((, was correctly done))~~; and

(m) ~~((A plan of nursing supervision describing how frequently the registered nurse will supervise the performance of the delegated task by the nursing assistant and reevaluate the delegated nursing task.))~~ Supervision shall occur at least every ninety days. With delegation of insulin injections, the supervision occurs at least weekly for the first four weeks, and may be more frequent.

(13) The administration of medications may be delegated at the discretion of the registered nurse delegator ~~((but never by))~~, including insulin injections. Any other injection ~~((by))~~ intramuscular, intradermal, subcutaneous, intraosseous, intravenous, or otherwise) is prohibited. The registered nurse delegator ~~((must))~~ provides to the nursing assistant written ~~((parameters))~~ directions specific to an individual patient ~~((which includes guidelines for the nursing assistant to follow in the decision-making process to administer a medication and the procedure to follow for such administration))~~.

IMPLEMENT

(14) Delegation requires the registered nurse delegator teach the nursing assistant how to perform the task, including return demonstration or other method of verification of competency as determined by the registered nurse delegator.

(15) The registered nurse delegator is accountable and responsible for the delegated nursing task. The registered nurse delegator ~~((must))~~ monitors the performance of the task(s) to assure compliance ~~((to))~~ with established standards of practice, policies and procedures and ~~((to ensure))~~ appropriate documentation of the task(s).

EVALUATE

(16) The registered nurse delegator ~~((must))~~ evaluates the patient's responses to the delegated nursing care and to any modification of the nursing components of the patient's plan of care.

(17) The registered nurse delegator ~~((must))~~ supervises and evaluates the performance of the nursing assistant, including direct observation or other method of verification of competency of the nursing assistant ~~((to perform the delegated nursing task))~~. The registered nurse delegator ~~((must also))~~ reevaluates the patient's condition, the care provided to the patient, the capability of the nursing assistant, the outcome of the task, and any problems.

(18) The registered nurse delegator ~~((must))~~ ensures safe and effective services are provided. Reevaluation and documentation ~~((must))~~ occurs at least every ninety days. Frequency of supervision is at the discretion of the registered nurse delegator and may be more often based upon nursing assessment.

(19) The registered nurse must supervise and evaluate the performance of the nursing assistant with delegated insulin injection authority at least weekly for the first four weeks. After the first four weeks the supervision shall occur at least every ninety days.

AMENDATORY SECTION (Amending WSR 04-14-065, filed 7/2/04, effective 7/2/04)

WAC 246-840-940 Washington state nursing care quality assurance commission community-based and in-home care setting delegation decision tree.

(1)	Does the patient reside in one of the following settings? A community-based care setting as defined by RCW 18.79.260 (3)(e)(i) or an in-home care setting as defined by RCW 18.79.260 (3)(e)(ii).	No ⇒	Do not delegate
Yes ↓			
(2)	Has the patient or authorized representative given consent to the delegation?	No ⇒	Obtain the written, informed consent
Yes ↓			
(3)	Is RN assessment of patient's nursing care needs completed?	No ⇒	Do assessment, then proceed with a consideration of delegation
Yes ↓			
(4)	Does the patient have a stable and predictable condition?	No ⇒	Do not delegate
Yes ↓			
(5)	Is the task within the registered nurse's scope of practice?	No ⇒	Do not delegate
Yes ↓			
(6)	Is the nursing assistant registered or certified and properly trained in the nurse delegation for nursing assistants? <u>Is the nursing assistant trained in diabetes care and insulin injections when delegating insulin?</u>	No ⇒	Do not delegate
Yes ↓			
(7)	Does the delegation exclude the administration of medications by injection <u>other than insulin</u> , sterile procedures or central line maintenance?	No ⇒	Do not delegate
Yes ↓			
(8)	Can the task be performed without requiring judgment based on nursing knowledge?	No ⇒	Do not delegate
Yes ↓			
(9)	Are the results of the task reasonably predictable?	No ⇒	Do not delegate
Yes ↓			
(10)	Can the task be safely performed according to exact, unchanging directions?	No ⇒	Do not delegate
Yes ↓			

(11)	Can the task be performed without a need for complex observations or critical decisions?	No ⇒	Do not delegate
	Yes ↓		
(12)	Can the task be performed without repeated nursing assessments?	No ⇒	Do not delegate
	Yes ↓		
(13)	Can the task be performed ((improperly without life-threatening consequences)) properly?	No ⇒	Do not delegate
	Yes ↓		
(14)	Is appropriate supervision available? <u>With insulin injections, the supervision occurs at least weekly for the first four weeks.</u>	No ⇒	Do not delegate
	Yes ↓		
(15)	There are no specific laws or rules prohibiting the delegation?	No ⇒	Do not delegate
	Yes ↓		
(16)	Task is delegable		

AMENDATORY SECTION (Amending WSR 02-02-047, filed 12/27/01, effective 1/27/02)

WAC 246-840-950 How to make changes to the delegated tasks. (1) **Medication.** The registered nurse delegator ~~((will discuss))~~ discusses with the nursing assistant the process for continuing, rescinding, or adding medications to the delegation list when the ~~((health care provider))~~ changes ~~((medication orders))~~ occur:

(a) The registered nurse delegator ~~((must verify))~~ verifies the change in medication or a new medication order with the health care provider;

(b) If ~~((a change is made in))~~ the medication dosage or type of medication changes or ~~((if a change is made in the type of medication))~~ for the same problem (i.e., one medication is deleted ~~((by the health care provider))~~ and another is substituted) and the patient remains in a stable and predictable condition, delegation ~~((may))~~ continues at the registered nurse delegator's discretion; and

(c) If a new medication is added, the registered nurse delegator ~~((must))~~ reviews the criteria and process for delegation prior to delegating the administration of the new medication to the nursing assistant. The registered nurse delegator maintains the authority to decide if the new medication can be delegated immediately, if a site visit is warranted prior to delegation, or if delegation is no longer appropriate. If delegation is ~~((to be))~~ rescinded, the registered nurse delegator ~~((must))~~ initiates and participates in developing an alternative plan to ~~((assure))~~ meet the needs of the patient ~~((are met))~~.

(2) Treatments and/or procedures.

(a) The registered nurse delegator ~~((must verify))~~ verifies the change in the medical order with the health care provider.

(b) The registered nurse delegator ~~((maintains the authority to))~~ decides if the new treatment or procedure can

be delegated immediately, if a site visit is warranted prior to delegation, or if delegation is no longer appropriate. If rescinding delegation ~~((is to be rescinded))~~, the registered nurse delegator ~~((must))~~ initiates and participates in developing an alternative plan to ~~((assure))~~ meet the needs of the patient ~~((are met))~~.

Transferring delegation to another registered nurse.

(3) ~~((A registered nurse may assume delegating responsibilities from))~~ The registered nurse delegator ~~((for))~~ may transfer the delegation process ~~((, provided))~~ to another registered nurse. The registered nurse assuming responsibility ~~((knows))~~ assesses the patient ~~((through their assessment))~~, the skills of the nursing assistant, and the plan of care. ~~((This may include a reevaluation of the patient by the nurse assuming responsibility for delegation.))~~ The registered nurse ~~((assuming the responsibility for delegation from another registered nurse delegator))~~ is accountable and responsible for the delegated task. The registered nurse delegator must document the following in the patient's record~~((:))~~:

(a) The reason and justification for another registered nurse assuming responsibility for the delegation;

(b) The registered nurse assuming responsibility must agree, in writing, to perform the supervision; and

(c) ~~((That))~~ The nursing assistant and patient have been informed of this change.

AMENDATORY SECTION (Amending WSR 02-02-047, filed 12/27/01, effective 1/27/02)

WAC 246-840-960 Rescinding delegation. (1) The registered nurse delegator may rescind delegation of the nursing task based on the following circumstances which may include, but are not limited to:

(a) ~~((When))~~ The registered nurse delegator believes patient safety is being compromised;

(b) ~~((When))~~ The patient's condition is no longer stable and predictable ~~((as determined by the registered nurse delegator));~~

(c) When the frequency of staff turnover makes delegation impractical to continue in the setting;

(d) ~~((When there is))~~ A change in the nursing assistant's willingness or competency to do the task;

(e) When the task is not being performed correctly; ~~((or))~~

(f) When the patient or authorized representative requests ~~((that))~~ rescinding the delegation ~~((be rescinded));~~

(g) When the facility's license lapsed; or

(h) When caregivers are not currently registered, certified, or have restrictions to practice.

(2) In the event delegation is rescinded, the registered nurse delegator initiates and participates in developing an alternative plan to ~~((ensure the))~~ provide continuity ~~((for the provision))~~ of the task or assumes responsibility for performing the task.

(3) The registered nurse delegator ~~((must))~~ documents the reason for rescinding delegation of the task and the plan for ~~((ensuring continuity of))~~ continuing the task.

AMENDATORY SECTION (Amending WSR 02-02-047, filed 12/27/01, effective 1/27/02)

WAC 246-840-970 Accountability, liability, and coercion. (1) The registered nurse delegator and nursing assistant are accountable for their own individual actions in the delegation process. While the delegated task becomes the responsibility of the ((person to whom it is delegated but)) nursing assistant, the registered nurse delegator retains overall accountability for the nursing care of the patient((-including nursing assessment, evaluation, and assuring documentation is completed)).

(2) Under RCW 18.79.260 (3)(d)(iv), delegating nurses acting within ~~((the protocols of))~~ their delegation authority shall be immune from liability for any action performed in the course of their delegation duties.

(3) Under RCW 18.88A.230(1), nursing assistants following written delegation instructions from registered nurse delegators for delegated tasks shall be immune from liability.

(4) Complaints regarding delegation of nursing tasks may be reported to the aging and adult services administration of the department of social and health services or via a toll-free telephone number.

(5) All complaints related to registered nurse ((delegation)) delegators shall be referred to the nursing care quality assurance commission.

(6) All complaints related to nursing assistants performing delegated tasks shall be referred to the secretary of health.

(7) Under RCW 18.79.260 (3)(c), no person may coerce the registered nurse delegator into compromising patient safety by requiring the nurse to delegate if the registered nurse delegator determines it is inappropriate to do so. Registered nurse delegators shall not be subject to any employer reprisal or disciplinary action by the Washington nursing care quality assurance commission for refusing to delegate tasks or refusing to provide the required training for delegation if the nurse determines delegation may compromise patient safety.

~~((7))~~ (8) Under RCW 18.88A.230(2), nursing assistants shall not be subject to any employer reprisal or disciplinary action by the secretary for refusing to accept delegation of a nursing task based on patient safety issues.

AMENDATORY SECTION (Amending WSR 04-14-064, filed 7/2/04, effective 7/2/04)

WAC 246-841-405 Nursing assistant delegation. Provision for delegation of certain tasks.

(1) Nursing assistants ~~((may))~~ perform tasks ~~((when))~~ delegated by a registered nurse for patients in community-based care settings or in-home care settings((-)) each as defined in RCW 18.79.260 (3)(e).

(2) ~~((Any nursing assistant who receives authority to perform a delegated nursing task must.))~~ Before performing any delegated task:

(a) ~~((For))~~ Nursing assistants-registered((-provide to the delegating nurse)) must show the certificate of completion of both the basic caregiver training and core delegation training ~~((as established by))~~ from the department of social and health services to the registered nurse delegator.

(b) ~~((For))~~ Nursing assistants-certified((-provide to)) must show the ~~((delegating nurse the))~~ certificate of completion of the core delegation training ~~((as established by))~~ from the department of social and health services to the registered nurse delegator.

(c) ~~((For))~~ All nursing assistants((-)) must comply with all applicable requirements ~~((and protocol established by))~~ of the nursing care quality assurance commission in WAC 246-840-910 through 246-840-970.

(d) ~~((For))~~ All nursing assistants, registered and certified, who may be completing insulin injections must give a certificate of completion of diabetic training from the department of social and health services to the registered nurse delegator.

(e) All nursing assistants((-)) must meet any additional training requirements identified by the nursing care quality assurance commission. Any exceptions to ~~((any such))~~ additional training requirements must ~~((adhere to))~~ comply with RCW 18.79.260 (3)(e)(v).

(3) ~~((Any nursing assistant performing a))~~ Delegated nursing care tasks ((pursuant to)) described in this section((- shall perform the task)) are:

(a) Only for the specific patient ~~((who was the subject of the))~~ receiving delegation;

(b) Only with the patient's consent; and

(c) In compliance with all applicable requirements ~~((and protocols established by the nursing care quality assurance commission))~~ in WAC 246-840-910 through 246-840-970.

(4) A nursing assistant may consent or refuse to consent to perform a delegated nursing care task ~~((and shall be)).~~ The nursing assistant is responsible for their own actions with ~~((regard to))~~ the decision to consent or refuse to consent and the performance of the delegated nursing care task.

(5) Nursing assistants shall not accept delegation of, or perform, the following nursing care tasks:

(a) Administration of medication by injection, with the exception of insulin injections;

(b) Sterile procedures;

(c) Central line maintenance;

(d) Acts that require nursing judgment.

WSR 09-06-010

PERMANENT RULES

DEPARTMENT OF HEALTH

[Filed February 20, 2009, 8:32 a.m., effective March 5, 2009]

Effective Date of Rule: March 5, 2009.

Other Findings Required by Other Provisions of Law as Precondition to Adoption or Effectiveness of Rule: March 5, 2009, is the effective date of chapter 70.245 RCW, the Washington Death with Dignity Act. Rules must be in place to comply with the statute.

Purpose: Chapter 246-978 WAC, Death with Dignity Act requirements, is necessary to carry out the department's responsibility to collect information regarding compliance with chapter 70.245 RCW, the Washington Death with Dignity Act, and specify in rule the qualifications of the witness designated by a long-term care facility, if the patient is a patient in a long-term care facility.

Statutory Authority for Adoption: Chapter 70.245 RCW.

Adopted under notice filed as WSR 09-02-068 on January 6, 2009.

Changes Other than Editing from Proposed to Adopted Version: References to I-1000 were changed to chapter 70.245 RCW. Definition of "attending physician" was changed to cite the correct statute, chapter 18.71 RCW. Definition of "health care facility" was deleted. References to "lethal medication" were changed to state "lethal dose of medication." Language was changed to further clarify who may and who may not be a witness in a long-term care facility.

Number of Sections Adopted in Order to Comply with Federal Statute: New 0, Amended 0, Repealed 0; Federal Rules or Standards: New 0, Amended 0, Repealed 0; or Recently Enacted State Statutes: New 4, Amended 0, Repealed 0.

Number of Sections Adopted at Request of a Nongovernmental Entity: New 0, Amended 0, Repealed 0.

Number of Sections Adopted on the Agency's Own Initiative: New 0, Amended 0, Repealed 0.

Number of Sections Adopted in Order to Clarify, Streamline, or Reform Agency Procedures: New 0, Amended 0, Repealed 0.

Number of Sections Adopted Using Negotiated Rule Making: New 0, Amended 0, Repealed 0; Pilot Rule Making: New 0, Amended 0, Repealed 0; or Other Alternative Rule Making: New 4, Amended 0, Repealed 0.

Date Adopted: February 19, 2009.

Mary C. Selecky
Secretary

Chapter 246-978 WAC

DEATH WITH DIGNITY ACT REQUIREMENTS

NEW SECTION

WAC 246-978-001 Purpose and authority. This chapter is adopted by the Washington state department of health to implement the provisions of chapter 70.245 RCW, the Washington Death with Dignity Act.

NEW SECTION

WAC 246-978-010 Definitions. For the purpose of this chapter, the following definitions apply:

(1) "Act" means the "Washington Death with Dignity Act" or Initiative Measure No. 1000 as adopted by the voters on November 4, 2008, codified as chapter 70.245 RCW.

(2) "Adult" means an individual who is eighteen years of age or older.

(3) "Attending physician" means the physician, as defined in chapter 18.71 or 18.57 RCW, who has primary responsibility for the care of the patient and treatment of the patient's terminal disease.

(4) "Competent" means that, in the opinion of a court or in the opinion of the patient's attending physician or consulting physician, psychiatrist, or psychologist, a patient has the

ability to make and communicate an informed decision to health care providers, including communication through persons familiar with the patient's manner of communicating, if those persons are available.

(5) "Consulting physician" means a physician who is qualified by specialty or experience to make a professional diagnosis and prognosis regarding the patient's disease.

(6) "Counseling" means one or more consultations as necessary between a state licensed psychiatrist or psychologist and a patient for the purpose of determining that the patient is competent and not suffering from a psychiatric or psychological disorder or depression causing impaired judgment.

(7) "Department" means the department of health.

(8) "Dispensing record" means a copy of the Pharmacy Dispensing Record form, DOH 422-067.

(9) "Health care provider" means a person licensed, certified or otherwise authorized or permitted by the law to administer health care or dispense medication in the ordinary course of business or practice of a profession and includes a health care facility.

(10) "Informed decision" means a decision by a qualified patient, to request and obtain a prescription for medication that the qualified patient may self-administer to end his or her life in a humane and dignified manner, that is based on an appreciation of the relevant facts and after being fully informed by the attending physician of:

(a) His or her medical diagnosis;

(b) His or her prognosis;

(c) The potential risks associated with taking the medication to be prescribed;

(d) The probable result of taking the medication to be prescribed; and

(e) The feasible alternatives including, but not limited to, comfort care, hospice care, and pain control.

(11) "Long-term care facility" means a facility licensed under chapter 18.51 or 72.36 RCW.

(12) "Medically confirmed" means the medical opinion of the attending physician has been confirmed by a consulting physician who has examined the patient and the patient's relevant medical records.

(13) "Patient" means a person who is under the care of a physician.

(14) "Physician" means a doctor of medicine, as defined in chapter 18.71 RCW, or osteopathy, as defined in chapter 18.57 RCW, licensed to practice medicine in the state of Washington.

(15) "Qualified patient" means a competent adult who is a resident of Washington state and has satisfied the requirements of the act in order to obtain a prescription for medication that the qualified patient may self-administer to end his or her life in a humane and dignified manner.

(16) "Self-administer" means a qualified patient's act of ingesting medication to end his or her life in a humane and dignified manner.

(17) "Terminal disease" means an incurable and irreversible disease that has been medically confirmed and will, within reasonable medical judgment, produce death within six months.

NEW SECTION

WAC 246-978-020 Reporting. (1) To comply with the act, within thirty calendar days of writing a prescription for medication to end the life of a qualified patient, the attending physician shall send the following completed, signed, and dated documentation by mail to the State Registrar, Center for Health Statistics, P.O. Box 47814, Olympia, WA 98504:

(a) The patient's completed written request for medication to end life, either using the Written Request for Medication to End My Life in a Humane and Dignified Manner form, DOH 422-063, or in substantially the same form as described in the act;

(b) Attending Physician's Compliance form, DOH 422-064;

(c) Consulting Physician's Compliance form, DOH 422-065; and

(d) Psychiatric/Psychological Consultant's Compliance form, DOH 422-066, if an evaluation was performed.

(2) Within thirty calendar days of a qualified patient's ingestion of a lethal dose of medication obtained under the act, or death from any other cause, whichever comes first, the attending physician shall complete the Attending Physician's After Death Reporting form, DOH 422-068.

(3) To comply with the act, within thirty calendar days of dispensing medication, the dispensing health care provider shall file a copy of the Pharmacy Dispensing Record form, DOH 422-067, with the State Registrar, Center for Health Statistics, P.O. Box 47814, Olympia, WA 98504. Information to be reported to the department shall include:

(a) Patient's name and date of birth;

(b) Patient's address;

(c) Prescribing physician's name and phone number;

(d) Dispensing health care provider's name, address and phone number;

(e) Medication dispensed and quantity;

(f) Date the prescription was written; and

(g) Date the medication was dispensed.

NEW SECTION

WAC 246-978-030 Confidentiality—Liability. All information collected by the department under the act shall not be a public record and may not be available for inspection by the public under chapter 42.56 RCW. This information includes, but is not limited to, the identity of patients, health care providers, and health care facilities.

NEW SECTION

WAC 246-978-040 Qualifications of witness in a long-term care facility. When a patient makes a written request for medication under the act, they must have at least two witnesses who, in the presence of the patient, attest that to the best of their knowledge and belief the patient is competent, acting voluntarily, and is not being coerced to sign the request. The patient's attending physician at the time the request is signed may not be a witness.

If the patient is a patient in a long-term care facility at the time the written request is made, one of the witnesses must be designated by the long-term care facility. The witness design-

nated by the long-term care facility may be, but is not limited to, an ombudsman, chaplain, or social worker. The witness designated by the long-term care facility may not be:

(1) A relative of the patient by blood, marriage, or adoption;

(2) A person who at the time the request is signed would be entitled to any portion of the estate of the qualified patient upon death under any will or by operation of law; or

(3) An owner, operator, or employee of a long-term care facility where the qualified patient is receiving medical treatment or is a resident.

WSR 09-06-024**PERMANENT RULES****BUILDING CODE COUNCIL**

[Filed February 23, 2009, 3:37 p.m., effective July 1, 2010]

Effective Date of Rule: July 1, 2010.

Purpose: To update chapter 51-11 WAC, Washington State Energy Code.

Citation of Existing Rules Affected by this Order: Amending WAC 51-11-0502 and 51-11-0503.

Statutory Authority for Adoption: RCW 19.27A.025 and 19.27A.045.

Other Authority: Chapters 19.27, 19.27A, and 34.05 RCW.

Adopted under notice filed as WSR 08-17-086 on August 19, 2008.

Changes Other than Editing from Proposed to Adopted Version: Language concerning unvented attic assemblies in WAC 51-11-0201, 51-11-0502, 51-11-1007, and 51-11-1313 is not adopted at this time.

Number of Sections Adopted in Order to Comply with Federal Statute: New 0, Amended 0, Repealed 0; Federal Rules or Standards: New 0, Amended 0, Repealed 0; or Recently Enacted State Statutes: New 0, Amended 0, Repealed 0.

Number of Sections Adopted at Request of a Nongovernmental Entity: New 0, Amended 1, Repealed 0.

Number of Sections Adopted on the Agency's Own Initiative: New 0, Amended 1, Repealed 0.

Number of Sections Adopted in Order to Clarify, Streamline, or Reform Agency Procedures: New 0, Amended 2, Repealed 0.

Number of Sections Adopted Using Negotiated Rule Making: New 0, Amended 0, Repealed 0; Pilot Rule Making: New 0, Amended 0, Repealed 0; or Other Alternative Rule Making: New 0, Amended 2, Repealed 0.

Date Adopted: November 25, 2008.

John P. Neff
Council Chair

AMENDATORY SECTION (Amending WSR 07-01-089, filed 12/19/06, effective 7/1/07)

WAC 51-11-0502 Building envelope requirements.

502.1 General:

502.1.1: The stated U- or F-factor of any component assembly, listed in Table 5-1 (~~or 5-2~~), such as roof/ceiling, opaque wall or opaque floor may be increased and the U-factor for other components decreased, provided that the total heat gain or loss for the entire building envelope does not exceed the total resulting from compliance to the U-factors specified in this section.

The U-factors for typical construction assemblies are included in Chapter 10. These values shall be used for all calculations. Where proposed construction assemblies are not represented in Chapter 10, values shall be calculated in accordance with Chapters 23-30 in Standard RS-1 listed in Chapter 7, using the framing factors listed in Chapter 10 where applicable.

For envelope assemblies containing metal framing, the U-factor shall be determined by one of the following methods:

1. Results of laboratory or field measurements.
2. Standard RS-1, listed in Chapter 7, where the metal framing is bonded on one or both sides to a metal skin or covering.
3. The zone method as provided in Chapter 25 of Standard RS-1, listed in Chapter 7.
4. Results of parallel path correction factors effective framing/cavity R-values as provided in Table 10-5A - EFFECTIVE R-VALUES FOR METAL FRAMING AND CAVITY ONLY for metal stud walls and roof/ceilings.

502.1.2: For consideration of thermal mass effects, see section 402.4.

502.1.3: When return air ceiling plenums are employed, the roof/ceiling assembly shall:

- a. For thermal transmittance purposes, not include the ceiling proper nor the plenum space as part of the assembly; and
- b. For gross area purposes, be based upon the interior face of the upper plenum surface.

502.1.4 Insulation:

502.1.4.1 General: All insulating materials shall comply with sections 2603 and/or 719 of the International Building Code. Substantial contact of the insulation with the surface being insulated is required. All insulation materials shall be installed according to the manufacturer's instructions to achieve proper densities and maintain uniform R-values and shall be installed in a manner which will permit inspection of the manufacturer's R-value identification mark. To the maximum extent possible, insulation shall extend over the full component area to the intended R-value.

Alternatively, the thickness of roof/ceiling and wall insulation that is either blown in or spray-applied shall be identified by inches of thickness, density and R-value markers installed at least one for every 300 square feet (28 m²) through the attic, ceiling and/or wall space. In attics, the markers shall be affixed to the trusses or joists and marked with the minimum initial installed thickness and minimum settled thickness with numbers a minimum 1.0 inch (25 mm) in height. Each marker shall face the attic access. The thickness of installed attic insulation shall meet or exceed the minimum initial installed thickness shown by the marker. In cathedral ceilings and walls, the markers shall be affixed to the rafter and wall frame at alternating high and low intervals and marked with the minimum installed density and R-value with numbers a minimum 1.0 inch (25 mm) in height. Each marker shall face the conditioned room area.

502.1.4.2 Insulation Materials: All insulation materials including facings such as vapor barriers or breather papers installed within floor/ceiling assemblies, roof/ceiling assemblies, walls, crawl spaces, or attics shall have a flame spread rating of less than 25 and a smoke density not to exceed 450 when tested in accordance with ASTM E84-01.

EXCEPTIONS:

1. Foam plastic insulation shall comply with section 2603 of the International Building Code.
2. When such materials are installed in concealed spaces of Types III, IV and V construction, the flame spread and smoke developed limitations do not apply to facing, provided that the facing is installed in substantial contact with the unexposed surface of the ceiling, floor or wall finish.
3. Cellulose insulation shall comply with section 719 of the International Building Code.

502.1.4.3 Clearances: Where required, insulation shall be installed with clearances according to manufacturer's specifications. Insulation shall be installed so that required ventilation is unobstructed. For blown or poured loose fill insulation, clearances shall be maintained through installation of a permanent retainer.

502.1.4.4 Access Hatches and Doors: Access doors from conditioned spaces to unconditioned spaces (e.g., attics and crawl spaces) shall be weatherstripped and insulated to a level equivalent to the insulation on the surrounding surfaces. Access shall be provided to all equipment which prevents damaging or compressing the insulation. A wood framed or equivalent baffle or retainer must be provided when loose fill insulation is installed, the purpose of which is to prevent the loose fill insulation from spilling into the living space when the attic access is opened, and to provide a permanent means of maintaining the installed R-value of the loose fill insulation.

502.1.4.5 Roof/Ceiling Insulation: Open-blown or poured loose fill insulation may be used in attic spaces where the slope of the ceiling is not more than 3 feet in 12 and there is at least 30 inches of clear distance from the top of the bottom chord of the truss or ceiling joist to the underside of the sheathing at the roof ridge. When eave vents are installed, baffling of the vent openings shall be provided so as to deflect the incoming air above the surface of the insulation. Baffles shall be, rigid material, resistant to wind driven mois-

ture. Requirements for baffles for ceiling insulation shall meet the International Building Code section 1203.2 for minimum ventilation requirements. When feasible, the baffles shall be installed from the top of the outside of the exterior wall, extending inward, to a point 6 inches vertically above the height of noncompressed insulation, and 12 inches vertically above loose fill insulation.

502.1.4.6 Wall Insulation: Insulation installed in exterior walls shall comply with the provisions of this section. All wall insulation shall fill the entire framed cavity. Exterior wall cavities isolated during framing shall be fully insulated to the levels of the surrounding walls. All faced insulation shall be face stapled to avoid compression.

EXCEPTION: Framed cavity can be empty or partially filled provided:

1. The wall assembly calculations are performed along with a completed performance calculation for the whole building; and
2. Insulation installed in partially filled cavities is not included in the performance calculation.

502.1.4.7 Floor Insulation: Floor insulation shall be installed in a permanent manner in substantial contact with the surface being insulated. Insulation supports shall be installed so spacing is no more than 24 inches on center. Foundation vents shall be placed so that the top of the vent is below the lower surface of the floor insulation.

EXCEPTION: Insulation may be omitted from floor areas over heated basements, heated garages or underfloor areas used as HVAC supply plenums. When foundation walls are insulated, the insulation shall be attached in a permanent manner. The insulation shall not block the airflow through foundation vents when installed. When foundation vents are not placed so that the top of the vent is below the lower surface of the floor insulation, a permanently attached baffle shall be installed at an angle of 30° from horizontal, to divert air flow below the lower surface of the floor insulation.

502.1.4.8 Slab-On-Grade: Slab-on-grade insulation, installed inside the foundation wall, shall extend downward from the top of the slab for a minimum distance of 24 inches or downward and then horizontally beneath the slab for a minimum combined distance of 24 inches. Insulation installed outside the foundation shall extend downward to a minimum of 24 inches or to the frostline. Above grade insulation shall be protected.

EXCEPTION: For monolithic slabs, the insulation shall extend downward from the top of the slab to the bottom of the footing.

502.1.4.9 Radiant Slabs: The entire area of a radiant slab shall be thermally isolated from the soil, with a minimum of R-10 insulation. The insulation shall be an approved product for its intended use. If a soil gas control system is present below the radiant slab, which results in increased convective flow below the radiant slab, the radiant slab shall be thermally isolated from the sub-slab gravel layer.

502.1.4.10 Below Grade Walls: Below grade exterior wall insulation used on the exterior (cold) side of the wall shall extend from the top of the below grade wall to the top of the footing and shall be approved for below grade use. Above grade insulation shall be protected.

Insulation used on the interior (warm) side of the wall shall extend from the top of the below grade wall to the below grade floor level.

502.1.5 Glazing and Door U-factors: Glazing and door U-factors shall be determined in accordance with sections 502.1.5.1 and 502.1.5.2. All products shall be labeled with the NFRC certified or default U-factor. The labeled U-factor shall be used in all calculations to determine compliance with this Code. Sealed insulating glass shall conform to, or be in test for, ASTM E-774-81 class A.

EXCEPTIONS:

1. For glazed wall systems, assemblies with all of the following features are deemed to satisfy the vertical glazing U-factor requirement in Table 6-1 or 6-2 options with vertical glazing U-0.40 and greater:

a. Double glazing with a minimum 1/2 inch gap width, having a low-emissivity coating with $e = 0.10$ maximum, with 90% minimum argon gas fill, and a non-aluminum spacer (as defined in footnote 1 to Table 10-6B), and

b. Frame that is thermal break aluminum (as defined in footnote 9 to Table 10-6B), wood, aluminum clad wood, vinyl, aluminum clad vinyl, or reinforced vinyl. The only labeling requirement for products using this exception shall be a description of the product and a label stating: "This product is deemed to satisfy the Table 6-1 or 6-2 vertical glazing U-factor requirement using the exception to Section 502.1.5 in the Washington State Energy Code."

2. For overhead glazing, assemblies with all of the following features are deemed to satisfy the overhead glazing U-factor requirement in Table 6-1 or 6-2 options **except** the unlimited glazing area options (Options IV and V in Table 6-1 and Options V, VI and VII in Table 6-2):

a. Either, double glazing with a minimum 1/2 inch gap width, having a low-emissivity coating with $e = 0.20$ maximum, with 90% minimum argon gas fill, or, triple glazed plastic domes, and

b. Frame that is thermal break aluminum (as defined in footnote 9 to Table 10-6B), wood, aluminum clad wood, vinyl, aluminum clad vinyl, or reinforced vinyl. The only labeling requirement for products using this exception shall be a description of the product and a label stating: "This product is deemed to satisfy the Table 6-1 or 6-2 overhead glazing U-factor requirement using the exception to Section 502.1.5 in the Washington State Energy Code."

3. For solariums with a floor area which does not exceed 300 square feet, assemblies which comply with the features listed in exception 2 are deemed to satisfy the vertical glazing and overhead glazing U-factor requirement in Table 6-1 or 6-2 options with vertical glazing U-0.40 and greater.

The only labeling requirement for products using this exception shall be a description of the product and a label stating: "This product is deemed to satisfy the Table 6-1 or 6-2 vertical glazing and overhead glazing U-factor requirements using the exception to Section 502.1.5 in the Washington State Energy Code."

502.1.5.1 Standard Procedure for Determination of Glazing U-factors: U-factors for glazing shall be determined, certified and labeled in accordance with the National Fenestration Rating Council (NFRC) Product Certification Program (PCP), as authorized by an independent certification and inspection agency licensed by the NFRC. Compliance shall be based on the Residential Model Size. Product samples used for U-factor determinations shall be production line units or representative of units as purchased by the consumer

or contractor. Products that are listed in the NFRC Certified Products Directory or certified to the NFRC standard shall not use default values.

EXCEPTIONS:

1. Glazing products without NFRC ratings may be assigned default U-factors from Table 10-6A for vertical glazing and from Table 10-6E for overhead glazing.
2. Units without NFRC ratings produced by a small business may be assigned default U-factors from Table 10-6A for garden windows, from Table 10-6B for other vertical glazing, and from Table 10-6E for overhead glazing.

502.1.5.2 Standard Procedure for Determination of Door U-factors: All doors, including fire doors, shall be assigned default U-factors from Table 10-6C.

EXCEPTIONS:

1. U-factors determined, certified and labeled in accordance with the National Fenestration Rating Council (NFRC) Product Certification Program (PCP), as authorized by an independent certification and inspection agency licensed by the NFRC.
2. The default values for the opaque portions of doors shall be those listed in Table 10-6C, provided that the U-factor listed for a door with a thermal break shall only be allowed if both the door and the frame have a thermal break.
3. One unlabeled or untested exterior swinging door with the maximum area of 24 square feet may be installed for ornamental, security or architectural purposes. Products using this exception shall not be included in the U-factor calculation requirements, however glazing area shall be included in glazing area calculations.

502.1.6 Moisture Control:

502.1.6.1 Vapor Retarders: Vapor retarders shall be installed on the warm side (in winter) of insulation as specified in the following cases.

EXCEPTION: Vapor retarder installed with not more than 1/3 of the nominal R-value between it and the conditioned space.

502.1.6.2 Floors: Floors separating conditioned space from unconditioned space shall have a vapor retarder installed. The vapor retarder shall have a one perm dry cup rating or less (i.e., four mil [0.004 inch thick] polyethylene or kraft faced material).

502.1.6.3 Roof/Ceilings: Roof/ceiling assemblies where the ventilation space above the insulation is less than an average of 12 inches shall be provided with a vapor retarder. Faced batt insulation where used as a vapor retarder shall be face stapled. Single rafter joist vaulted ceiling cavities shall be of sufficient depth to allow a minimum one inch vented air space above the insulation.

502.1.6.4: Vapor retarders shall not be required in roof/ceiling assemblies where the ventilation space above the insulation averages 12 inches or greater.

502.1.6.5: Vapor retarders shall not be required where all of the insulation is installed between the roof membrane and the structural roof deck.

502.1.6.6 Walls: Walls separating conditioned space from unconditioned space shall have a vapor retarder installed. Faced batt insulation shall be face stapled.

EXCEPTION: For climate zone 1, wood framed walls with a minimum of nominal R-5 continuous insulated sheathing installed outside of the framing and structural sheathing. For climate zone 2, wood framed walls with a minimum of nominal R-7.5 continuous insulated sheathing installed outside of the framing and structural sheathing. The interior cavity insulation for this exception shall be a maximum of nominal R-21.

502.1.6.7 Ground Cover: A ground cover of six mil (0.006 inch thick) black polyethylene or approved equal shall be laid over the ground within crawl spaces. The ground cover shall be overlapped 12 inches minimum at the joints and shall extend to the foundation wall.

EXCEPTION: The ground cover may be omitted in crawl spaces if the crawl space has a concrete slab floor with a minimum thickness of 3-1/2 inches.

502.2 Thermal Criteria for Group R Occupancy:

502.2.1 UA Calculations: The proposed UA as calculated using Equations 2 and 3 shall not exceed the target UA as calculated using Equation 1. For the purpose of determining equivalent thermal performance, the glazing area for the target UA shall be calculated using values in Table 5-1. The opaque door area shall be the same in the target UA and the proposed UA.

EXCEPTION: Log and solid timber walls that have a minimum average thickness of 3.5" and with space heat type other than electric resistance, are exempt from wall target UA and proposed UA calculations.

502.2.2 Space Heat Type: The following two categories comprise all space heating types:

1. **Electric Resistance:** Space heating systems which include baseboard units, radiant units and forced air units as either the primary or secondary heating system.

EXCEPTION: Electric resistance systems for which the total electric heat capacity in each individual dwelling unit does not exceed the greater of: 1) One thousand watts (1000 w) per dwelling unit, or; 2) One watt per square foot (1 w/ft²) of the gross floor area.

2. **Other:** All gas, wood, oil and propane space heating systems, unless electric resistance is used as a secondary heating system, and all heat pump space heating systems. (See EXCEPTIONS, Electric Resistance, section 502.2.2 above.)

502.3 Reserved.

502.4 Air Leakage:

502.4.1 General: The requirements of this section shall apply to all buildings and structures, or portions thereof, and only to those locations separating outdoor ambient conditions from interior spaces that are heated or mechanically cooled.

502.4.2 Doors and Windows, General: Exterior doors and windows shall be designed to limit air leakage into or from the building envelope. Site-constructed doors and windows shall be sealed in accordance with Section 502.4.3.

502.4.3 Seals and Weatherstripping:

a. Exterior joints around windows and door frames, openings between walls and foundation, between walls and

roof and wall panels; openings at penetrations of utility services through walls, floors and roofs; and all other openings in the building envelope for all occupancies and all other openings in between units in R-1 and R-2 Occupancy shall be sealed, caulked, gasketed or weatherstripped to limit air leakage. Other exterior joints and seams shall be similarly treated, or taped, or covered with moisture vapor permeable housewrap.

b. All exterior doors or doors serving as access to an enclosed unheated area shall be weatherstripped to limit leakage around their perimeter when in a closed position.

c. Site built windows are exempt from testing but shall be made tight fitting. Fixed lights shall have glass retained by stops with sealant or caulking all around. Operating sash shall have weatherstripping working against overlapping trim and a closer/latch which will hold the sash closed. The window frame to framing crack shall be made tight with caulking, overlapping membrane or other approved technique.

d. Openings that are required to be fire resistive are exempt from this section.

502.4.4 Recessed Lighting Fixtures: When installed in the building envelope, recessed lighting fixtures shall be Type IC rated and certified under ASTM E283 to have no more than 2.0 cfm air movement from the conditioned space to the ceiling cavity. The lighting fixture shall be tested at 75 Pascals or 1.57 lbs/ft² pressure difference and have a label attached, showing compliance with this test method. Recessed lighting fixtures shall be installed with a gasket or caulk between the fixture and ceiling to prevent air leakage.

Reviser's note: The brackets and enclosed material in the text of the above section occurred in the copy filed by the agency and appear in the Register pursuant to the requirements of RCW 34.08.040.

AMENDATORY SECTION (Amending WSR 07-01-089, filed 12/19/06, effective 7/1/07)

WAC 51-11-0503 Building mechanical systems.

503.1 General: This section covers the determination of design requirements, system and component performance, control requirements, insulating systems and duct sealing. For all other duct construction requirements, refer to the State Mechanical Code (chapter 51-42 WAC).

503.2 Calculations of Heating and Cooling Loads, and System Sizing Limits: The design parameters specified in Chapter 3 shall apply for all computations.

503.2.1 Calculation Procedures: Heating and cooling design loads for the purpose of sizing HVAC systems are required and shall be calculated in accordance with accepted engineering practice, including infiltration and ventilation.

503.2.2 Space Heating and Space Cooling System Sizing Limits: Building mechanical systems for all buildings which provide space heating and/or space cooling shall be sized no greater than one hundred fifty percent (150%) of the heating and cooling design loads as calculated above.

EXCEPTIONS: The following limited exemptions from the sizing limit shall be allowed; however, in all cases heating

and/or cooling design load calculations shall be submitted.

1. For equipment which provides both heating and cooling in one package unit, including heat pumps with electric heating and cooling and gas-pack units with gas heating and electric cooling, compliance need only be demonstrated for either the space heating or space cooling system size.

2. Natural gas- or oil-fired space heating equipment whose total rated space heating output in any one dwelling unit is

a. 40,000 Btu/h or less is exempt from the sizing limit,
b. Larger than 40,000 Btu/h may exceed the one hundred fifty (150%) percent sizing limit but not exceed 250 percent provided that the installed equipment has an annual fuel utilization efficiency (AFUE) of ninety (90%) percent or greater.

3. Stand-by equipment may be installed if controls and other devices are provided which allow redundant equipment to operate only when the primary equipment is not operating.

503.3 Simultaneous Heating and Cooling: Systems and equipment that provide simultaneous heating and cooling shall comply with the requirements in, as appropriate, Section 1422 or Section 1435.

503.4 HVAC Equipment Performance Requirements: All heating equipment shall meet the requirements of the National Appliance Energy Conservation Act (NAECA) and be so labeled. Equipment shall also comply with Section 1411.

503.5 Reserved.

503.6 Balancing: The HVAC system design shall provide a means for balancing air and water systems. Balancing the system shall include, but not be limited to, dampers, temperature and pressure test connections and balancing valves.

503.7 Cooling with Outdoor Air (Economizer Cycle): Systems and equipment that provide mechanical cooling shall comply with Section 1413 and, as appropriate, Section 1423 or 1433.

503.8 Controls:

503.8.1 Temperature Control: Each system shall be provided with at least one adjustable thermostat for the regulation of temperature. Each thermostat shall be capable of being set by adjustment or selection of sensors as follows:

503.8.1.1: When used to control heating only: Fifty-five degrees to seventy-five degrees F.

503.8.1.2: When used to control cooling only: Seventy degrees to eighty-five degrees F.

503.8.1.3: When used to control both heating and cooling, it shall be capable of being set from fifty-five degrees to eighty-five degrees F and shall be capable of operating the system heating and cooling in sequence. The thermostat and/or control system shall have an adjustable deadband of not less than ten degrees F.

503.8.2 Humidity Control: If a system is equipped with a means for adding moisture to maintain specific selected relative humidities in space or zones, a humidistat shall be provided. Humidistats shall be capable of being set to prevent

new energy from being used to produce space-relative humidity above thirty percent.

EXCEPTION: Special uses requiring different relative humidities may be permitted when approved by the building official.

503.8.3 Zoning for Temperature Control:

503.8.3.1 One- and Two-Family Dwellings: At least one thermostat for regulation of space temperature shall be provided for each separate system. In addition, a readily accessible manual or automatic means shall be provided to partially restrict or shut off the heating and/or cooling input to each zone or floor.

503.8.3.2 Multifamily Dwellings: For multifamily dwellings, each individual dwelling unit shall have at least one thermostat for regulation of space temperature. A readily accessible manual or automatic means shall be provided to partially restrict or shut off the heating and/or cooling input to each room. Spaces other than living units shall meet the requirements of 503.8.3.3.

503.8.3.3 Control Setback and Shutoff:

One- and Two-Family and Individual Multifamily dwelling units—The thermostat required in section 503.8.3.1 or section 503.8.3.2, or an alternate means such as a switch or clock, shall provide a readily accessible, manual or automatic means for reducing the energy required for heating and cooling during the periods of nonuse or reduced need, such as, but not limited to unoccupied periods and sleeping hours. Lowering thermostat set points to reduce energy consumption of heating systems shall not cause energy to be expended to reach the reduced setting.

503.8.3.4 Systems Serving Multiple Dwelling Units, Guest Rooms, and Common Areas: Systems that serve more than two dwelling units, guest rooms, and common areas shall comply with the control requirements in Sections 1412 and 1432, with the exceptions of Sections 1412.4.2 and 1432.1.

503.8.3.5 Heat Pump Controls: Programmable thermostats are required for all heat pump systems. The cut-on temperature for the compression heating shall be higher than the cut-on temperature for the supplementary heat, and the cut-off temperature for the compression heating shall be higher than the cut-off temperature for the supplementary heat. Heat pump thermostats will be capable of providing at least two programmable setback periods per day. The automatic setback thermostat shall have the capability of limiting the use of supplemental heat during the warm-up period.

503.9 Air Handling Duct System Insulation: Ducts, plenums and enclosures installed in or on buildings shall be thermally insulated per Table 5-11.

EXCEPTIONS: Duct insulation (except where required to prevent condensation) is not required in any of the following cases:

1. When the heat gain or loss of the ducts, without insulation, will not increase the energy requirements of the building.
2. Within the HVAC equipment.
3. Exhaust air ducts.

4. Supply or return air ducts installed in unvented crawl spaces with insulated walls, basements, or cellars in one- and two-family dwellings.

503.10 Ducts.

503.10.1 Leakage Testing: High-pressure and medium-pressure ducts shall be leak tested in accordance with the 1985 Edition of the SMACNA HVAC Air Duct Leakage Test Manual with the rate of air leakage not to exceed the maximum rate specified in that standard.

503.10.2 ((Seams and Joints)) Sealing: All (low pressure supply and return duct transverse joints, and enclosed stud bays or joist cavities/space used to transport air, shall be securely fastened and sealed with welds, gaskets, masties (adhesives), or mastic plus embedded fabric systems installed in accordance with the manufacturer's installation instructions)) ducts, air handlers, filter boxes, and building cavities used as ducts shall be sealed. Joints and seams shall comply with Section M1601.3 of the International Residential Code or Section 603.9 of the International Mechanical Code. Duct tightness testing shall be conducted to verify that the ducts are sealed. A signed affidavit documenting the test results shall be provided to the jurisdiction having authority by the testing agent. When required by the building official, the test shall be conducted in the presence of department staff. Duct tightness shall be verified by either of the following:

1. Postconstruction test: Leakage to outdoors shall be less than or equal to 6 cfm per 100 ft² of conditioned floor area or a total leakage less than or equal to 8 cfm per 100 ft² of conditioned floor area when tested at a pressure differential of 0.1 inches w.g. (25 Pa) across the entire system, including the manufacturer's air handler enclosure. All register boots shall be taped or otherwise sealed during the test.

2. Rough-in test: Total leakage shall be less than or equal to 6 cfm per 100 ft² of conditioned floor area when tested at a pressure differential of 0.1 inches w.g. (25 Pa) across the roughed-in system, including the manufacturer's air handler enclosure. All register boots shall be taped or otherwise sealed during the test. If the air handler is not installed at the time of the test, total leakage shall be less than or equal to 4 cfm per 100 ft² of conditioned floor area.

EXCEPTIONS:

1. ((Ducts or building cavities used for air distribution that are located entirely within the conditioned space of the building are exempt from this section.)) Duct tightness test is not required if the air handler and all ducts are located within conditioned space.
2. ((UL 181A-listed tapes used with listed rigid fibrous glass ducts may be used as the primary sealant, when installed in accordance with the listing.)) Duct tightness test is not required if the furnace is a nondirect vent type combustion appliance installed in an unconditioned space. A maximum of six feet of connected ductwork in the unconditioned space is allowed. All additional supply and return ducts shall be within the conditioned space. Ducts outside the conditioned space shall be sealed with a mastic type duct sealant and insulated on the exterior with R-8 insulation for above grade ducts and R-5 water resistant insulation when within a slab or earth.
3. ((UL 181B-listed tapes used with listed flexible air ducts may be used as the primary sealant, when installed in accordance with the listing.

4. Where enclosed stud bays or joist cavities/spaces are used to transport air sealing may be accomplished using drywall, drywall tape plus joint compound.
 5. Tapes installed in accordance with the manufacturer's installation instructions, providing detailed information specific to application on ducts, including approved duct materials and required duct surface cleaning.))

503.10.3 Dampers: Requirements for Automatic or manual dampers are found in the Washington State Ventilation and Indoor Air Quality Code.

503.11 Pipe Insulation: All piping shall be thermally insulated in accordance with Table 5-12.

EXCEPTION: Piping installed within unitary HVAC equipment.

Cold water pipes outside the conditioned space shall be insulated in accordance with the Washington State Plumbing Code (chapter 51-56 WAC).

WSR 09-06-028
PERMANENT RULES
DEPARTMENT OF
SOCIAL AND HEALTH SERVICES
 (Management Services Administration)

[Filed February 24, 2009, 7:17 a.m., effective March 6, 2009]

Effective Date of Rule: March 6, 2009.

Other Findings Required by Other Provisions of Law as Precondition to Adoption or Effectiveness of Rule: A March 6, 2009, effective date is necessary to avoid extending the emergency rule to comply with chapter 387, Laws of 2007 (ESSB 5774) and chapter 410, Laws of 2007 (SHB 1333), impacting background check requirements for certain child care providers and children returning to their home; and to comply with the federal Adam Walsh Act of 2006. Therefore, this adoption meets the requirements in RCW 34.05.380 [(3)](a) and (c).

Purpose: DSHS is amending these rules to comply with chapter 387, Laws of 2007 (ESSB 5774) and chapter 410, Laws of 2007 (SHB 1333), impacting background check requirements for certain child care providers and children returning to their home; and to comply with the federal Adam Walsh Act of 2006. These rules make permanent the emergency rules originally filed on July 20, 2007.

Citation of Existing Rules Affected by this Order: Amending WAC 388-06-0110, 388-06-0150, and 388-06-0160.

Statutory Authority for Adoption: RCW 43.43.832, 26.33.190, 26.44.030, 74.15.030.

Other Authority: Chapter 387, Laws of 2007; Adam Walsh Act of 2006.

Adopted under notice filed as WSR 08-24-080 on December 1, 2008.

Number of Sections Adopted in Order to Comply with Federal Statute: New 0, Amended 0, Repealed 0; Federal Rules or Standards: New 0, Amended 0, Repealed 0; or Recently Enacted State Statutes: New 0, Amended 3, Repealed 0.

Number of Sections Adopted at Request of a Nongovernmental Entity: New 0, Amended 0, Repealed 0.

Number of Sections Adopted on the Agency's Own Initiative: New 0, Amended 0, Repealed 0.

Number of Sections Adopted in Order to Clarify, Streamline, or Reform Agency Procedures: New 0, Amended 0, Repealed 0.

Number of Sections Adopted Using Negotiated Rule Making: New 0, Amended 0, Repealed 0; Pilot Rule Making: New 0, Amended 0, Repealed 0; or Other Alternative Rule Making: New 0, Amended 3, Repealed 0.

Date Adopted: February 23, 2009.

Stephanie E. Schiller
Rules Coordinator

AMENDATORY SECTION (Amending WSR 01-18-025, filed 8/27/01, effective 10/1/01)

WAC 388-06-0110 Who must have background checks? The department requires background checks on individuals who will have unsupervised access to children or to individuals with a developmental disability in homes, facilities, or operations licensed, relicensed, or contracted by the department to provide care as required under chapter 74.15 RCW. The department requires background checks on the following people:

(1) A person licensed, certified, or contracted by us to care for children (chapter 74.15 RCW and RCW 43.43.832);

(2) A prospective or current employee for a licensed care provider or a person or entity contracting with us;

(3) A volunteer or intern with regular or unsupervised access to children who is in a home or facility that offers licensed care to children;

(4) A person who is at least sixteen years old, is residing in a foster home, relative's home, or child care home and is not a foster child;

(5) A person not related to the child who the court has approved placement as allowed in RCW 13.34.130;

(6) A relative other than a parent who may be caring for a child or an individual with a developmental disability;

~~((6))~~ (7) A person who regularly has unsupervised access to a child or an individual with a developmental disability;

~~((7))~~ (8) A provider who has unsupervised access to a child or individual with a developmental disability in the home of the child or individual with a developmental disability; and

~~((8))~~ (9) Prospective adoptive parents ((as defined in RCW 26.33.020)).

AMENDATORY SECTION (Amending WSR 01-18-025, filed 8/27/01, effective 10/1/01)

WAC 388-06-0150 What does the background check cover? (1) The department must review the following records:

(a) Criminal convictions and pending charges based on identifying information provided by you. However, if you have lived in Washington State for less than three years prior to the check, the department must conduct a fingerprint based

background check for you to have unsupervised access to children or to individuals with developmental disabilities.

(b) ((For children's administration, child protective service case file information (CAMIS) for founded reports of child abuse or neglect; and)) If the background check is being conducted for Children's Administration, it must also include:

(i) A review of child protective services case files information or other applicable information system.

(ii) Administrative hearing decisions related to any DSHS license that has been revoked, suspended, or denied.

(c) ((For children's administration, administrative hearing decisions related to any DLR license that has been revoked, suspended or denied)) If the background check is being conducted by Children's Administration for placement of a child in out-of-home care, including foster homes, adoptive homes, relative placements, and placement with other suitable persons under chapter 13.34 RCW, the department must check the following in addition to the requirements above for each person over eighteen years of age residing in the home:

(i) Child abuse and neglect registries in each state a person has lived in the five years prior to conducting the background check.

(ii) Washington state patrol (WSP) and federal bureau of investigation (FBI) fingerprint based background checks regardless of how long you have resided in Washington.

(2) The department may also review:

(a) Any civil judgment, determination or disciplinary board final decisions of child abuse or neglect.

(b) Law enforcement records of convictions and pending charges in other states or locations if:

(i) You have lived in another state.

(ii) Reports from other credible sources indicating a need to investigate another state's records.

((3) The department may review law enforcement records of convictions and pending charges in other states or locations if:

(a) You have lived in another state; and

(b) Reports from credible community sources indicate a need to investigate another state's records.

(4) If you have lived in Washington state less than three years immediately prior to your application to have unsupervised access to children or to individuals with a developmental disability, the department requires that you be fingerprinted for a background check with the Washington state patrol (WSP) and the Federal Bureau of Investigation (FBI), as mandated by chapter 74.15 RCW:))

AMENDATORY SECTION (Amending WSR 01-18-025, filed 8/27/01, effective 10/1/01)

WAC 388-06-0160 Who pays for the background check? (1) Children's administration (CA) pays ((for)) the DSHS general administrative costs for background checks for foster home applicants, CA relative and other suitable caregivers, and CA adoptive home applicants.

(2) Children's administration pays ((for fingerprinting expenses)) the WSP and FBI-fingerprint processing fees for ((those)) foster home applicants ((and relatives)), CA relative

and other suitable caregivers, CA adoptive home applicants, and other adults in the home who require fingerprinting under chapter 13.34 RCW.

(3) Children's administration does not pay ((for)) fingerprinting fees or expenses for employees, contractors, or volunteers associated with any other type of home or facility.

(4) The division of developmental disabilities pays for background checks for individuals seeking authorization to provide services to their clients.

WSR 09-06-029

PERMANENT RULES

DEPARTMENT OF

SOCIAL AND HEALTH SERVICES

(Health and Recovery Services Administration)

[Filed February 24, 2009, 7:19 a.m., effective March 27, 2009]

Effective Date of Rule: Thirty-one days after filing.

Purpose: The department is codifying institutional medical eligibility for clients who are categorically related to the temporary assistance for needy families (TANF) program. These rules also clarify program rules for children admitted to medical facilities and psychiatric inpatient treatment.

Statutory Authority for Adoption: RCW 74.04.055, 74.04.057, 74.08.090, 74.09.530, and 42 C.F.R. 441.151.

Adopted under notice filed as WSR 09-01-144 on December 22, 2008.

Number of Sections Adopted in Order to Comply with Federal Statute: New 0, Amended 0, Repealed 0; Federal Rules or Standards: New 9, Amended 0, Repealed 0; or Recently Enacted State Statutes: New 0, Amended 0, Repealed 0.

Number of Sections Adopted at Request of a Nongovernmental Entity: New 0, Amended 0, Repealed 0.

Number of Sections Adopted on the Agency's Own Initiative: New 0, Amended 0, Repealed 0.

Number of Sections Adopted in Order to Clarify, Streamline, or Reform Agency Procedures: New 0, Amended 0, Repealed 0.

Number of Sections Adopted Using Negotiated Rule Making: New 0, Amended 0, Repealed 0; Pilot Rule Making: New 0, Amended 0, Repealed 0; or Other Alternative Rule Making: New 9, Amended 0, Repealed 0.

Date Adopted: February 23, 2009.

Stephanie E. Schiller
Rules Coordinator

NEW SECTION

WAC 388-505-0230 Long term care for families and children. (1) The sections that follow describe the eligibility requirements for institutional medical benefits for parents and children who are not aged, blind or disabled, and who are admitted for a long term stay to a medical institution, an inpatient psychiatric facility or an institution for mental diseases (IMD):

(a) WAC 388-505-0235 Definitions;

(b) WAC 388-505-0240 General eligibility for family institutional medical coverage;

(c) WAC 388-505-0245 Resource eligibility for family institutional medical coverage;

(d) WAC 388-505-0250 Eligibility for family institutional medical for individuals twenty-one years of age or older;

(e) WAC 388-505-0255 Eligibility for family institutional medical for individuals nineteen and twenty years of age;

(f) WAC 388-505-0260 Eligibility for family institutional medical for children eighteen years of age or younger;

(g) WAC 388-505-0265 How the department determines how much of an institutionalized individual's income must be paid towards the cost of care; and

(h) WAC 388-505-0270 When an involuntary commitment to Eastern or Western State Hospital is covered by Medicaid.

(2) Individuals who are already eligible for a noninstitutional family or children's medical program when they are admitted for long term care do not need to submit a new application for institutional medical coverage. The department treats their admittance to the facility as a change of circumstances and determines their eligibility based upon the length of stay at the facility.

NEW SECTION

WAC 388-505-0235 Definitions. The following terms are used in WAC 388-505-0230 through 388-505-0270:

"Categorically needy income level (CNIL)" - The standard used by the department to determine eligibility under a categorically needy Medicaid program.

"Categorically needy (CN) medical" - Full scope of care medical benefits. CN medical may be either federally-funded under Title XIX of the social security act or state-funded.

"Categorically needy (CN) Medicaid" - Federally-funded full scope of care medical benefits under Title XIX of the social security act.

"Federal benefit rate (FBR)" - The payment standard set by the social security administration for recipients of supplemental security income (SSI). This standard is adjusted annually in January.

"Federal poverty level" - The income standards published annually by the federal government in the Federal Register found at <http://aspe.hhs.gov/poverty/index.shtml>. The income standards change on April first every year.

"Institution for mental diseases (IMD)" - A hospital, nursing facility, or other institution of more than sixteen beds, that is primarily engaged in providing diagnosis, treatment, or care of persons with mental diseases, including medical attention, nursing care, and related services. Inpatient chemical dependency facilities of more than sixteen beds which provide residential treatment for alcohol and substance abuse are also considered an IMD.

"Institutional status" - An individual meets institutional status when he or she is admitted to a medical institution, inpatient psychiatric facility, or IMD for a period of thirty days or longer. The time period is ninety days or longer

for individuals seventeen years of age and younger who are admitted to an inpatient psychiatric facility or institution for mental diseases. Institutional status is described in WAC 388-513-1320.

"Legal dependent" - A minor child, seventeen years of age and younger, and an individual eighteen years of age and older claimed as a dependent for income tax purposes; or a parent of either the applicant or the applicant's spouse claimed as a dependent for income tax purposes; or the brother or sister (including half and adoptive siblings) claimed by either the applicant or the applicant's spouse as a dependent for income tax purposes.

"Medical institution" - A medical facility that provides twenty-four hour supervision and skilled nursing care. Facilities which meet this definition include:

- (1) Hospitals;
- (2) Nursing homes or the nursing home section of a state veteran's facility;
- (3) Hospice care centers;
- (4) An intermediate care facility for the mentally retarded (ICF/MR); or
- (5) A residential habilitation center (RHC).

"Medically needy income level (MNIL)" - The standard used by the department to determine eligibility under the medically needy Medicaid program. The MNIL standards are described in WAC 388-478-0070.

"Medically needy (MN) Medicaid" - Federally-funded medical coverage under title XIX of the social security act. MN coverage has a more limited scope of care than CN coverage.

"Personal needs allowance (PNA)" - An amount designated to cover the expenses of an individual's clothing and personal incidentals while living in a medical institution, inpatient psychiatric facility, or institution for mental diseases.

"Psychiatric facility" - Designated long term inpatient psychiatric residential treatment facilities, state psychiatric hospitals, designated distinct psychiatric units, and Medicare-certified distinct units in acute care hospitals.

"Spendedown" - The amount of medical expenses an individual is required to incur prior to medical benefits being authorized. Spendedown is described in WAC 388-519-0100 and 388-519-0110.

"Title XIX" - The portion of the federal social security act, 42 U.S.C. 1396, that authorizes grants to states for medical assistance programs. Title XIX is also called Medicaid.

NEW SECTION

WAC 388-505-0240 General eligibility for family institutional medical coverage. (1) This section applies to all individuals applying for long term care services under the family institutional medical program. Additional rules may apply based upon an individual's age at the time he or she applies for long term care services and whether the facility the individual is admitted to is a medical institution, inpatient psychiatric facility, or an institution for mental diseases (IMD). Additional rules are described in WAC 388-505-0245 through 388-505-0265.

(2) Individuals must meet the following requirements to qualify for family institutional coverage:

(a) Institutional status described in WAC 388-513-1320. An individual meets institutional status if he or she is admitted to:

(i) A medical institution and resides, or is likely to reside, there for thirty days or longer, regardless of age;

(ii) An inpatient psychiatric facility or IMD and resides, or is likely to reside, there for thirty days or longer and is eighteen through twenty years of age; or

(iii) An inpatient psychiatric facility or IMD and resides, or is likely to reside, there for ninety days or longer and is seventeen years of age or younger.

(b) General eligibility requirements described in WAC 388-503-0505 (with the exception that subsections (3)(c) and (3)(d) of that section do not apply to individuals who are eligible under the alien emergency medical (AEM) program) and meet one of the following:

(i) Be a parent of, or a relative caring for, an eligible dependent child and meet the program requirements under:

(A) A family medical program described in WAC 388-505-0220;

(B) A transitional family medical program described in WAC 388-523-0100; or

(C) The temporary assistance for needy families (TANF) cash assistance program.

(ii) Be a child and meet the program requirements under apple health for kids as described in WAC 388-505-0210;

(iii) Be a pregnant woman and meet the program requirements for a pregnancy medical program as described in WAC 388-462-0015;

(iv) Meet the alien emergency medical (AEM) program requirements as described in WAC 388-438-0110 (with the exception that for family long term care services, AEM coverage may be authorized for children through twenty-one years of age) and:

(A) Have a qualifying emergency condition; and

(B) For payment for long term care services and room and board costs in the institution, request authorization from the department's medical consultant if the individual is admitted to a medical institution under hospice or is admitted to a nursing facility.

(v) Be an individual nineteen through twenty years of age but not eligible under subsections (i) through (iv) of this section.

(c) Resource requirements described in WAC 388-505-0245;

(d) Have countable income below the applicable standard described in WAC 388-505-0250(4), 388-505-0255(3) or 388-505-0260(4);

(e) Contribute income remaining after the post eligibility process described in WAC 388-505-0265 towards the cost of care in the facility; and

(f) Be assessed as needing nursing facility level of care as described in WAC 388-106-0355 if the admission is to a nursing facility. (This does not apply to nursing facility admissions under the hospice program.)

(3) Once the department determines an individual meets institutional status, it does not count the income of parent(s), a spouse, or dependent child(ren) when determining count-

able income. The department counts the following as the individual's income:

(a) Income received by the individual in his or her own name;

(b) Funds given to him or her by another individual towards meeting his or her needs; and

(c) Current child support received on behalf of the individual by his or her parents.

(4) Individuals eligible for a cash grant under the temporary assistance for needy families (TANF) program can remain eligible for a cash payment and the categorically needy (CN) medicaid program while in the institution. The expected length of stay in the institution may impact the amount of the TANF payment.

(a) When the institutionalized individual is expected to return to the home within one hundred and eighty days, the department considers this to be a temporary absence from the home and the individual remains eligible for their full TANF grant. Rules defining a temporary absence are described in WAC 388-454-0015.

(b) When the department determines that the institutionalized individual's stay in the facility is likely to exceed one hundred and eighty days, the department reduces his or her share of the TANF grant to the personal needs allowance (PNA) described in WAC 388-478-0040. This is also referred to as the clothing, personal maintenance and necessary incidentals (CPI) amount.

(5) Individuals who are not United States citizens or qualified aliens do not need to provide or apply for a social security number or meet the citizenship requirements under WAC 388-424-0010(1) or 388-424-0010(2) as long as the requirements in subsection (2) of this section are met.

(6) Individuals who are aged, blind or disabled under federal criteria may qualify for institutional benefits with income of up to three hundred percent of the federal benefit rate (FBR). Rules relating to institutional eligibility for aged, blind or disabled individuals are described in WAC 388-513-1315.

(7) If an individual does not meet institutional status, the department determines his or her eligibility for a noninstitutional medical program. An individual who is determined eligible for CN or medically needy (MN) coverage under a noninstitutional program who is admitted to a nursing facility for less than thirty days is approved for coverage for the nursing facility room and board costs, as long as the individual is assessed by the department as meeting nursing home level of care as described in WAC 388-106-0355.

NEW SECTION

WAC 388-505-0245 Resource eligibility for family institutional medical coverage. (1) The department does not restrict or limit resources available to individuals eighteen years of age or younger when determining eligibility for family institutional medical coverage. The department does not consider, or count towards eligibility, any resources owned by the individual in this age category, or any resources owned by the individual's parent(s), spouse, or child(ren), if applicable.

(2) For individuals nineteen years of age or older, there is a one thousand dollar countable resource limit for new applicants for family medical coverage not meeting the additional resource exclusion of WAC 388-470-0026, and all of the following apply:

(a) In order to determine which resources it must count, the department follows rules in WAC 388-470-0026, 388-470-0045 (with the exception of subsection (3) relating to primary residence), 388-470-0060, and 388-470-0070.

(b) Applicants and current categorically needy (CN) or medically needy (MN) medical assistance clients receiving long term care services under the family institutional medical program are subject to transfer of asset regulations as described in WAC 388-513-1363 through 388-513-1366.

(c) Individuals who apply for long term care services on or after May 1, 2006, who have an equity interest greater than five hundred thousand dollars in their primary residence are not eligible for long term care services. This does not apply if the individual's spouse or blind, disabled or dependent child under twenty-one years of age is lawfully residing in the primary residence. Individuals who are denied or terminated from long term care services due to excess home equity may apply for an undue hardship waiver as described in WAC 388-513-1367.

(d) Once an individual has been determined eligible for any family medical program, the department does not consider any subsequent increase in that individual's resources after the month of application, as described in WAC 388-470-0026. Subsequent increases in a family's resources are not applied towards the cost of care in any month in which the resources have exceeded the eligibility standard.

(e) When both spouses of a legally married couple are institutionalized, the department determines resource eligibility for each spouse separately, as if each were a single individual.

(f) When only one spouse in a legally married couple applies for family institutional coverage, the rules in WAC 388-513-1350 (8) through (13) apply.

(g) For countable resources over one thousand dollars that are not otherwise excluded by WAC 388-470-0026:

(i) The department reduces the excess resources in an amount equal to medical expenses incurred by the institutionalized individual, such as:

(A) Premiums, deductibles, coinsurance or copayments for health insurance and medicare;

(B) Necessary medical care recognized under state law, but not covered under the state's medical plan; and

(C) Necessary medical care recognized under state law, but incurred prior to medicaid eligibility.

(ii) Medical expenses that the department uses to reduce excess resources must not:

(A) Be the responsibility of a third party payer;

(B) Have been used to satisfy a previous spenddown liability;

(C) Have been previously used to reduce excess resources;

(D) Have been used to reduce client responsibility toward cost of care;

(E) Have been incurred during a transfer of asset penalty; or

(F) Have been written off by the medical provider (the individual must be financially liable for the expense).

(h) If an individual has excess resources remaining, after using incurred medical expenses to reduce those resources, the department uses the following calculations to determine if an individual is eligible for family institutional medical coverage under the CN or MN program:

(i) If countable income is below the CN income standard, and the combination of countable income plus excess resources is below the monthly cost of care at the state medicaid rate, the individual is eligible for family institutional medical coverage under the CN program.

(ii) If countable income is below the CN income standard, but the combination of countable income plus excess resources is above the monthly cost of care at the state medicaid rate, the individual is not eligible for family institutional medical coverage.

(iii) If countable income is over the CN income standard, and the combination of countable income plus excess resources is below the monthly cost of care at the institution's private rate plus the amount of any recurring medical expenses for institutional services, the individual is eligible for family institutional coverage under the MN program. (MN coverage applies only to individuals twenty years of age or younger.)

(iv) If countable income is over the CN income standard, but the combination of countable income plus excess resources is higher than the monthly cost of care at the institution's private rate plus the amount of any recurring medical expenses for institutional services, the individual is not eligible for family institutional coverage under the MN program. (MN coverage applies only to individuals twenty years of age or younger.)

NEW SECTION

WAC 388-505-0250 Eligibility for family institutional medical for individuals twenty-one years of age or older. (1) Individuals twenty-one years of age or older must meet the requirements in WAC 388-505-0240 to qualify for family institutional medical coverage.

(2) Individuals, twenty-one through sixty-four years of age who are admitted to an institution for mental diseases (IMD) are not eligible for coverage under this section. Individuals who are voluntarily admitted to a psychiatric hospital may be eligible for coverage under the psychiatric indigent inpatient program described in WAC 388-865-0217.

(3) Rules governing resources are described in WAC 388-505-0245. However, if an applicant has countable resources over the standard described in WAC 388-505-0245, he or she may spend down any excess amount towards his or her cost of care as described in WAC 388-505-0265(6).

(4) The categorically needy income level (CNIL) for individuals who qualify for family institutional medical coverage under this section is the temporary assistance for needy families (TANF) one person payment standard based on the requirement to pay shelter costs described in WAC 388-478-0020. An individual's countable income must be at or below this amount to be eligible.

(5) If the individual's income exceeds the standards to be eligible under a categorically needy (CN) medicaid family program, he or she is not eligible for coverage under the medically needy (MN) medicaid program.

(6) Individuals eligible under the provisions of this section may be required to contribute a portion of their income towards the cost of care as described in WAC 388-505-0265.

NEW SECTION

WAC 388-505-0255 Eligibility for family institutional medical for individuals nineteen and twenty years of age. (1) Individuals nineteen and twenty years of age must meet the requirements in WAC 388-505-0240 to qualify for family institutional medical coverage.

(2) Rules governing resources are described in WAC 388-505-0245. However, if an applicant has countable resources over the standard described in WAC 388-505-0245, he or she may spend down any excess resources over the standard by applying the excess amount towards his or her cost of care as described in WAC 388-505-0265(6).

(3) The categorically needy income level (CNIL) for individuals who qualify for family institutional medical coverage under this section is the temporary assistance for needy families (TANF) one person payment standard based on the requirement to pay shelter costs described in WAC 388-478-0020. An individual's countable income must be at or below this amount to be eligible.

(4) If an individual's countable income exceeds the standard described in subsection (3) of this section, the department determines whether he or she is eligible for coverage under the medically needy (MN) medicaid program.

(a) Individuals with countable income below the state monthly cost of care in the facility are eligible for MN with-spendsdown.

(b) If the individual's countable income exceeds the state monthly cost of care but is under the private cost of care plus the amount of any recurring medical expenses for institutional services, he or she may be required to spend down their income as described in WAC 388-519-0110.

(c) If the individual's countable income exceeds the private monthly cost of care plus the amount of any recurring medical expenses for institutional services, he or she is not eligible for family institutional medical coverage.

(5) If an individual is a medicaid applicant or current medical assistance client in the month of his or her twenty-first birthday and receives active inpatient psychiatric or inpatient chemical dependency treatment which extends beyond his or her twenty-first birthday, the department approves or continues CN or MN medicaid coverage until the date the individual is discharged from the facility or until his or her twenty-second birthday, whichever occurs first.

(6) Individuals eligible under the provisions of this section may be required to contribute a portion of their income towards the cost of care as described in WAC 388-505-0265.

NEW SECTION

WAC 388-505-0260 Eligibility for family institutional medical for children eighteen years of age or younger. (1) Individuals eighteen years of age or younger

must meet the requirements in WAC 388-505-0240 to qualify for family institutional medical coverage.

(2) When an individual eighteen years of age or younger is eligible for premium-based categorically needy (CN) coverage under apple health for kids as described in WAC 388-505-0210(4), the department re-determines his or her eligibility using the provisions of this section so that the individual is not required to pay the premium.

(3) The department does not restrict or limit the resources available to individuals eighteen years of age or younger when determining eligibility for family institutional medical coverage. The department does not consider, or count towards eligibility any resources owned by the individual in this age category, or any resources owned by the individual's parent(s), spouse, or child(ren), if applicable.

(4) The categorically needy income level (CNIL) for individuals who qualify for family institutional medical coverage under this section is two hundred percent of the federal poverty level income standard. Once the department determines an individual meets institutional status, it does not count the income of a parent(s), spouse, or dependent children (if applicable) when determining the individual's countable income.

(5) The department approves CN medical coverage under this section for twelve calendar months. If an individual is discharged from the facility before the end of his or her certification period, he or she remains continuously eligible for CN medical coverage through the end of the original certification date, unless he or she ages out of the program, moves out of state, is incarcerated, or dies.

(6) If an individual is not eligible for CN medical coverage under this section, the department determines his or her eligibility for coverage under the medically needy (MN) program.

(a) MN coverage is only available for an individual who meets the citizenship requirements under WAC 388-424-0010 (1) or (2).

(b) Individuals with countable income below the state monthly cost of care in the facility are eligible for MN with-spendsdown.

(c) If the individual's countable income exceeds the state monthly cost of care, but is under the private monthly cost of care plus the amount of any recurring medical expenses for institutional services, the department may require the individual to spend down his or her income as described in WAC 388-519-0110.

(d) If the individual's countable income exceeds the private monthly cost of care plus the amount of any recurring medical expenses for institutional services, he or she is not eligible for family institutional medical coverage.

(7) The facility where the individual resides may submit an application on the individual's behalf and may act as an authorized representative for the individual if the individual is:

(a) In a court ordered, out-of-home placement under chapter 13.34 RCW; or

(b) Involuntarily committed to an inpatient treatment program by a court order under chapter 71.34 RCW.

(8) Individuals eligible for family institutional medical coverage under the provisions of this section may be required

to contribute a portion of their income towards the cost of care as described in WAC 388-505-0265.

NEW SECTION

WAC 388-505-0265 How the department determines how much of an institutionalized individual's income must be paid towards the cost of care. (1) Individuals who reside in a medical institution, inpatient psychiatric facility or an institution for mental diseases (IMD) may be required to pay a portion of their income towards the cost of care. This section explains how the department calculates how much an individual is required to pay to the facility. This process is known as the post-eligibility process. If an individual does not have income, he or she does not have to pay.

(2) The department determines available income by considering an individual's total gross income before any mandatory deductions from earnings. Income that was not counted in the initial eligibility process is counted for the post-eligibility process unless the income is excluded under federal or state law. See WAC 388-450-0015 for examples of excluded income types.

(3) The following income allocations and exemptions are deducted from an individual's total gross income to determine his or her available income. The department uses the rules described in WAC 388-513-1380 to calculate the amount of these allocations and exemptions, with the exception that under the family institutional medical program, there is no deduction for earned income in the post-eligibility process.

(a) Personal needs allowance (PNA) and maintenance allocation. The combined totals of all of the following deductions cannot exceed the medically needy income level (MNIL):

(i) PNA as allowed under WAC 388-478-0040;

(ii) Mandatory federal, state, or local income taxes owed by the client; and

(iii) Court ordered guardianship fees and administrative costs, including attorney fees, as described in chapter 388-79 WAC.

(b) Income garnished to comply with a court order for child support.

(c) Community spouse allocation.

(d) Family maintenance allocation if married with dependents.

(e) Legal dependent allocation for an unmarried client with dependents. The maximum allocation is based upon the MNIL standard for the number of dependents minus the dependent's income.

(f) Medical expense allocation. The department allows a deduction for unpaid medical expenses for which the individual is still liable. Medical expenses allowed for this allocation are described in WAC 388-513-1350.

(g) Housing maintenance exemption:

(i) For an individual who is financially responsible for the costs of maintaining a home while he or she is in an institution, the department allows a deduction, limited to a six-month period, of up to one hundred percent of the one-person poverty level per month, when a physician has certified that

the individual is likely to return to the home within the six-month period.

(ii) An individual eighteen years of age or younger is not eligible for the housing maintenance exemption unless the housing expense is the individual's financial responsibility. Children are not financially responsible for the housing expenses incurred by their parents.

(4) Individuals may keep a personal needs allowance of up to the one person temporary assistance for needy families (TANF) payment standard (based upon the requirement to pay shelter costs) in the month they are admitted and in the month they are discharged from the facility.

(5) Any income which remains must be paid to the facility towards the cost of care.

(6) Individuals nineteen years of age or older who qualify for categorically needy (CN) or medically needy (MN) coverage but have countable resources in excess of the resource limits as described in WAC 388-505-0245 must pay an amount equal to the excess amount to the facility towards the cost of their care in the month of application. This amount is in addition to the amount calculated under subsections (2) through (4) of this section (if any).

NEW SECTION

WAC 388-505-0270 When an involuntary commitment to Eastern or Western State Hospital is covered by medicaid. (1) Individuals admitted to Eastern or Western State Hospital for inpatient psychiatric treatment may qualify for categorically needy (CN) medicaid coverage and general assistance (GA) cash benefits to cover their personal needs allowance (PNA).

(2) To be eligible under this program, individuals must:

(a) Be eighteen through twenty years of age or sixty-five years of age or older;

(b) Meet institutional status under WAC 388-513-1320;

(c) Be involuntarily committed to an inpatient treatment program by a court order under chapter 71.34 RCW;

(d) Meet the general eligibility requirements for the GA cash program as described in WAC 388-400-0025;

(e) Have countable income below the payment standard described in WAC 388-478-0040; and

(f) Have countable resources below one thousand dollars. Individuals eligible under the provisions of this section may not apply excess resources towards the cost of care to become eligible. An individual with resources over the standard is not eligible for assistance under this section.

(3) GA clients who receive active psychiatric treatment in Eastern or Western State Hospital at the time of their twenty-first birthday continue to be eligible for medicaid coverage until the date they are discharged from the facility or until their twenty-second birthday, whichever occurs first.

WSR 09-06-030

PERMANENT RULES

DEPARTMENT OF LICENSING

[Filed February 24, 2009, 8:07 a.m., effective March 27, 2009]

Effective Date of Rule: Thirty-one days after filing.

Purpose: Rule making is required to clarify the rule pertaining to horseless carriage. This amendment will provide a definition of a vehicle owned by a collector.

Citation of Existing Rules Affected by this Order: Amending WAC 308-96A-073 Antique vehicle—Horseless carriage license plate.

Statutory Authority for Adoption: RCW 46.16.305.

Other Authority: RCW 46.01.110.

Adopted under notice filed as WSR 09-01-154 on December 23, 2008.

Number of Sections Adopted in Order to Comply with Federal Statute: New 0, Amended 0, Repealed 0; Federal Rules or Standards: New 0, Amended 0, Repealed 0; or Recently Enacted State Statutes: New 0, Amended 0, Repealed 0.

Number of Sections Adopted at Request of a Nongovernmental Entity: New 0, Amended 0, Repealed 0.

Number of Sections Adopted on the Agency's Own Initiative: New 0, Amended 1, Repealed 0.

Number of Sections Adopted in Order to Clarify, Streamline, or Reform Agency Procedures: New 0, Amended 1, Repealed 0.

Number of Sections Adopted Using Negotiated Rule Making: New 0, Amended 0, Repealed 0; Pilot Rule Making: New 0, Amended 0, Repealed 0; or Other Alternative Rule Making: New 0, Amended 1, Repealed 0.

Date Adopted: February 24, 2009.

Mykel D. Gable
Assistant Director
Vehicle Services

AMENDATORY SECTION (Amending WSR 02-16-071, filed 8/6/02, effective 9/6/02)

WAC 308-96A-073 Antique vehicle—Horseless carriage license plate. (1) **What is a horseless carriage license plate?** A horseless carriage license plate is a single license plate issued to a qualified motor vehicle owned by a collector as defined in RCW 46.04.125. It must be displayed on the rear of the vehicle for which it was issued.

(2) **What vehicles qualify for a horseless carriage license plate?** Any motor vehicle which is:

- (a) At least forty years old; and
- (b) Capable of being operated upon the highway; and
- (c) Currently registered in Washington; and
- (d) Operated primarily as a collector vehicle under RCW 46.16.307.

~~((2)) **How is a horseless carriage license plate displayed?** The horseless carriage license plate must be displayed on the rear of the vehicle for which it was issued.))~~

(3) ~~((If I sell my vehicle))~~ **May I ((keep)) transfer my horseless carriage license plate to another antique vehicle?** ~~((Yes. You may keep the))~~ **No.** Horseless carriage license plates ~~((but it is))~~ **are** not transferrable to any other motor vehicle.

(4) **What additional fees are required to obtain a horseless carriage license plate?** In addition to all other license fees required by law, the applicant must pay ~~((an additional license))~~ **a** fee of thirty-five dollars for ~~((this))~~ **a** horseless carriage license plate.

(5) **Are horseless carriage license plates subject to periodic replacement?** No, the horseless carriage license plates are exempt from the vehicle license plate replacement schedule **and are valid for the life of the vehicle.**

WSR 09-06-036
PERMANENT RULES
SECRETARY OF STATE

[Filed February 24, 2009, 3:58 p.m., effective March 27, 2009]

Effective Date of Rule: Thirty-one days after filing.

Purpose: The proposed rules update and correct outdated information pertaining to corporation filing procedures and special fees as well as the corporations division and charities program services.

Citation of Existing Rules Affected by this Order: Repealing WAC 434-110-020, 434-110-040 and 434-112-095; and amending WAC 434-110-010, 434-110-030, 434-110-050, 434-110-100, 434-110-120, 434-110-130, 434-112-020, 434-112-025, 434-112-030, 434-112-040, 434-112-075, 434-112-080, 434-112-085, 434-112-090, and 434-112-100.

Statutory Authority for Adoption: RCW 23.86.070, 23B.01.200, 23B.01.220, 24.03.405, 25.10.600, 43.07.120.

Adopted under notice filed as WSR 09-01-197 on December 24, 2008.

Changes Other than Editing from Proposed to Adopted Version: WAC 434-112-085 [(1)](a) has been updated with language that took effect January 1, 2009, to reflect a legislatively approved five dollar increase for filing articles of incorporation.

Number of Sections Adopted in Order to Comply with Federal Statute: New 0, Amended 0, Repealed 0; Federal Rules or Standards: New 0, Amended 0, Repealed 0; or Recently Enacted State Statutes: New 0, Amended 0, Repealed 0.

Number of Sections Adopted at Request of a Nongovernmental Entity: New 0, Amended 0, Repealed 0.

Number of Sections Adopted on the Agency's Own Initiative: New 0, Amended 15, Repealed 3.

Number of Sections Adopted in Order to Clarify, Streamline, or Reform Agency Procedures: New 0, Amended 15, Repealed 3.

Number of Sections Adopted Using Negotiated Rule Making: New 0, Amended 0, Repealed 0; Pilot Rule Making: New 0, Amended 0, Repealed 0; or Other Alternative Rule Making: New 0, Amended 0, Repealed 0.

Date Adopted: February 24, 2009.

Steve Excell
Assistant Secretary of State

AMENDATORY SECTION (Amending WSR 94-19-004, filed 9/8/94, effective 10/9/94)

WAC 434-110-010 Purpose. These rules establish procedures and fee schedules for filings, for expedited ~~((and tele phone))~~ services, and for access to public records in the corporations division of the office of the secretary of state. These rules are adopted pursuant to Titles 23, 23B, 24, and 46 RCW, and chapters 19.77 and 43.07 RCW.

AMENDATORY SECTION (Amending WSR 00-21-084, filed 10/17/00, effective 11/17/00)

WAC 434-110-030 Office hours. (1) Business office hours are from 8:00 a.m. to 5:00 p.m. daily, Monday through Friday, excluding legal holidays. Walk-in, counter services are available for an expedited fee specified in WAC ((434-110-060)) 434-112-080. Emergency counter service at other times is available under terms of WAC ((434-110-060 (5) (b))) 434-112-080(8).

(2) Documents, including substitute service-of-process on the secretary of state, delivered after normal working hours will be deemed to be received on the next working day. The secretary assumes no responsibility for any form of delivery other than that received personally by an employee of the office of the secretary of state.

AMENDATORY SECTION (Amending WSR 00-21-084, filed 10/17/00, effective 11/17/00)

WAC 434-110-050 Mail-in service. (1) Expedited services for mail-in requests are available for an expedited fee specified in WAC ((434-110-060)) 434-112-080(3).

(2) All mailed-in documents are processed and filed in order of date of receipt unless incomplete or incorrect. ((At the customer's request, a staff member will call (collect) to confirm the filing date of a document.)) A specific filing date may be reserved for up to thirty days in advance. The necessary documents, in appropriate format with correct fees, must be in the office by the specified date. ((Requests for information in a nonactive or archived file, will be processed on a time available basis.))

(3) Requests for name searches coupled with a name reservation are completed in order of date received. A name reservation may be made by completing the form provided by the corporations division or in a letter clearly containing all the following information:

- (a) The corporate name desired, with two alternate names;
- (b) The name, address, and telephone number of the applicant;
- (c) The signature of the applicant; and
- (d) The application date.

An application on behalf of a client should also include the client's name and complete address.

AMENDATORY SECTION (Amending WSR 04-04-018, filed 1/23/04, effective 2/23/04)

WAC 434-110-100 Registered office address—Requirements. (1) A post office box address may be used in addition to a registered geographic office address when the United States Postal Service cannot or will not deliver to the street address.

(2) The registered agent is required to notify the office of the secretary of state and the corporation of any changes in either the street address or the post office box address. Change of address is subject to the fee stated in WAC 434-112-085 ((1)(j)) (2)(g).

AMENDATORY SECTION (Amending WSR 94-19-004, filed 9/8/94, effective 10/9/94)

WAC 434-110-120 Initial and annual reports—Form of content. (1) Any corporation filing under the Washington Business Corporations Act shall file its initial (annual) report on the form provided by the secretary of state or shall clearly and concisely provide the information topically sectioned exactly in the following manner:

(a) Section 1. Corporate name and registered agent and office address currently on file with the corporations division, the unified business identification number, corporations account number, state of incorporation, and original date filed in Washington;

(b) Section 2. If there has been a change in registered agent or registered office address include the effective date and the new agent's signature signifying acceptance of the appointment or the new address;

(c) Section 3. Address of principal place of business in Washington or, if a foreign corporation, the principal office address in state of original incorporation, the corporation telephone number, and a brief statement of nature of business;

(d) Section 4. A list of names and addresses of all corporate officers and directors; and

(e) Section 5. Signature of either the chair or president of the board of directors or an officer listed within the report.

(2) All profit and nonprofit corporations shall file their annual reports on the form prescribed by the secretary of state or clearly and concisely topically sectioned exactly in the following manner:

(a) Section 1. Corporate name and registered agent and office address currently on file with the corporations division, the unified business identification number, corporations account number, state of incorporation and original date filed in Washington;

(b) Section 2. If there has been a change in registered agent or registered office address include the effective date and the new agent's signature signifying acceptance of the appointment or the new address;

(c) Section 3. A list of names and addresses of all corporate officers and directors; and

(d) Section 4. The signature of either the chair or president of the board of directors or an officer listed within the report.

All annual reports must be accompanied by the statutory fee in RCW 23B.01.530 or ((24.03.450)) 24.03.405 (1)(b).

AMENDATORY SECTION (Amending WSR 93-20-072, filed 10/1/93, effective 11/1/93)

WAC 434-110-130 Annual reports—Due date for all nonprofit corporations. ((Beginning in January 1994, and for every year thereafter,)) Each nonprofit corporation shall file its annual report on the last day of the month of its original registration as a corporation. ((The fee paid to file the 1993 annual report or for filing new articles of incorporation in 1993 shall be sufficient to maintain an organization's good standing until its 1994 renewal date comes due. The corporations division shall notify all nonprofit corporations of this change in renewal dates by mail sent on December 15, 1993.

Thereafter, beginning in January of 1994,)) The division shall notify each nonprofit corporation of its annual renewal date forty-five days in advance by a mailing that includes the annual report form. Failure to receive an annual report notice is insufficient reason for failing to file the statutorily required annual report.

REPEALER

The following sections of the Washington Administrative Code are repealed:

WAC 434-110-020	Office address.
WAC 434-110-040	Telephone services.

AMENDATORY SECTION (Amending WSR 04-04-018, filed 1/23/04, effective 2/23/04)

WAC 434-112-020 Corporations division address, telephone number and office hours. ~~((1) The mailing address of the corporations division is: P.O. Box 40234-0234, Olympia, Washington 98504 40234.~~

~~((2) The corporations division is located in the James M. Dolliver Building at 801 Capitol Way South, Olympia, Washington.~~

~~((3) The telephone numbers for corporations division services are 360-753-7115 and 360-753-7120. The TDD line is 360-753-1485. Telephone services are available from 8:00 a.m. to 5:00 p.m. Pacific time, Monday through Friday, except for state holidays.~~

~~((4) The telephone number for charities program services is 360-753-0863. The toll free number in Washington is 1-800-332-GIVE (1-800-332-4483). The TDD number for the charities program is 1-888-658-1485. Telephone services are available from 8:00 a.m. to 5:00 p.m. Pacific time, Monday through Friday, except for state holidays.~~

~~((5) The corporations division counter is open for corporations and charities program services to in-person requests from 8:00 a.m. to 5:00 p.m. each business day. The corporations division is unable to guarantee same day processing of any filing or request submitted after 4:30 p.m. on that day. See WAC 434-112-080 for fees and regulations related to expedited processing.))~~

AMENDATORY SECTION (Amending WSR 04-04-018, filed 1/23/04, effective 2/23/04)

WAC 434-112-025 Documents delivered after normal working hours. (1) Documents, including substitute service of process on the secretary of state, delivered after the normal working hours of 8:00 a.m. to 5:00 p.m., will be deemed to be received on the next working day.

(2) Filings submitted on-line will be deemed to be received as of the date and time the corporations division computer system records the complete submission and credit card approval for the transaction.

(3) The secretary assumes no responsibility for any form of delivery other than that:

(a) Received personally by an employee of the office of the secretary of state; or

(b) Received by the corporations division computer system as a result of an on-line filing.

AMENDATORY SECTION (Amending WSR 04-04-018, filed 1/23/04, effective 2/23/04)

WAC 434-112-030 Certificates for business filings.

~~((+))~~ Certificates issued by the secretary of state or the secretary's designee in furtherance of duties under Titles 18, 19, 23, 23B, 24 and 25 RCW shall:

~~((a))~~ (1) Bear a rendition of the Washington state seal;
~~((b))~~ (2) Bear a mechanical or electronic reproduction of the secretary's signature; and

~~((c))~~ (3) Be regarded as the secretary of state's official certification of the matters itemized in the certificate.

~~((2) The secretary may make commemorative certificates available. When such certificates are available, any person or entity completing a filing under the authority listed in WAC 434-112-010 (2)(a) through (d) may purchase a commemorative certificate bearing a gold foil seal documenting the filing.~~

~~((a) The cost for a commemorative certificate is one hundred dollars;~~

~~((b) Expedited service is not available for commemorative certificates.))~~

AMENDATORY SECTION (Amending WSR 04-04-018, filed 1/23/04, effective 2/23/04)

WAC 434-112-040 Document standards for filings—Cover sheet requirement and document quality. (1) A completed contact information cover sheet shall be submitted with each filing with the corporations division or the charities program if:

(a) The filing party is not the registered agent and would like the completed filing returned to them directly;

(b) The filing party would like expedited service under WAC 434-112-080; or

(c) The filing party would like correspondence related to a charities program filing sent to an individual at an address other than the mailing address of record.

(2) The cover sheet will include contact telephone and address information related to the filing, and provide an opportunity to advise the corporations division whether the request is for expedited service and designate the address to which the corporations division is to return the completed request.

(3) All corporations related filings received without a contact information cover sheet will be returned to the registered agent for the entity when processing is complete.

(4) Correspondence pertaining to a charities program filing received without a contact information cover sheet will be sent to the entity's mailing address of record when processing is complete.

(5) The corporations division including the charities program may reject and return documents and copies that are not legible or not capable of being recorded as an image with adequate resolution and clarity.

(a) Paper and ink must be of weight and color capable of producing a legible image regardless of the system used by the corporations division for creating the image.

(b) Documents completed in pencil will not be accepted for filing.

(c) ~~((All filings except on-line filings must be submitted on 8 1/2 x 11 paper.~~

~~((d)) All text must be written or printed in eight point type or larger.~~

~~((6) All filings not presented on forms provided by the office of the secretary of state must have a three-inch top margin on page one, with one-inch side and bottom margins. Pages after page one must have a one-inch margin on the top, bottom and sides.))~~

AMENDATORY SECTION (Amending WSR 04-04-018, filed 1/23/04, effective 2/23/04)

WAC 434-112-075 On-line services. (1) The corporations division web site is located at www.secstate.wa.gov/. The web site provides a variety of services for charities and corporations including on-line lookup, on-line filing and downloadable forms. Please see the web site for the most up to date list of services available.

(2) The following business entities may pay their annual license fees and submit their annual reports on-line, provided they meet the requirements of this subsection:

(a) Domestic or foreign profit corporations organized under Title 23B RCW, including professional service corporations under chapter 18.100 RCW; and Massachusetts trusts under chapter 23.90 RCW.

(b) Foreign and domestic limited liability companies registered or formed under chapter 25.15 RCW, including limited liability companies formed under RCW 25.15.045 to provide professional services.

(3) Entities filing annual reports on-line must have twenty-five or fewer board members, officers, shareholders, members or managers to report.

(4) On-line filings for foreign and domestic corporations, foreign and domestic limited liability companies, and registrations under the charities programs:

(a) Will be processed as expedited filings under WAC ~~((434-112-065))~~ 434-112-080;

(b) Will be subject to the expedited processing fee set forth in WAC ~~((434-112-065))~~ 434-112-080; and

(c) Be treated as received when the corporations division system records receipt of the completed transaction including payment authorization.

(5) When submitting an on-line filing, the person completing the filing shall sign the application by: Typing their full name in the space provided on the web form; stating their capacity with the entity addressed in the filing; and following the directions for signing the web form.

AMENDATORY SECTION (Amending WSR 04-04-018, filed 1/23/04, effective 2/23/04)

WAC 434-112-080 In-person or expedited service—Special fees. (1) The corporations division counter is open for corporations and charities program services to in-person requests from 8:00 a.m. to 5:00 p.m. each business day.

(a) Staff provides expedited, same-day processing of documents or requests submitted in person prior to 4:30 p.m. on that day. The corporations division is unable to guarantee

same day processing of any filing or request submitted after 4:30 p.m. on that day.

(b) Expedited requests submitted by fax, mail or on-line will be completed within two working days of submission, or as soon thereafter as possible.

(2) Expedited services under this section are available for the following transactions:

(a) Business filing transactions:

(i) Charter document review and filing;

(ii) Name reservation review and filing;

(iii) Document certification;

(iv) Document copying or status certificates;

(v) Status change filings;

(vi) Reinstatements; and

(vii) Trademark filings.

(b) Charities program filings:

(i) Document review and filing including initial registration and renewals of charities, commercial fund-raisers and charitable trusts;

(ii) Document copying and status verification letters;

(iii) Status change filings.

(c) Apostille requests submitted at the corporations division counter.

(3) The fee for ~~((same-day))~~ expedited service is twenty dollars for single or multiple transactions within each new or existing corporation program file, or charities program file. In addition, the filing fee for each transaction will apply.

(4) Except for on-line filings, the filing party shall indicate that expedited processing is requested by:

(a) Submitting a completed contact information cover sheet as described by WAC 434-112-040 indicating that the document is submitted for expedited filing; or

(b) Placing the word "expedite" conspicuously on either the face of the document to be filed, or on any cover letter submitted with the document.

(5) All documents submitted for filing on-line and corporations documents submitted via facsimile transmission are treated as expedited processing requests. Registrations with the charities program may not be submitted by facsimile. Documents transmitted via facsimile will receive expedited ~~((forty-eight hour))~~ processing within two working days of submission, or as soon thereafter as possible when the documents are received between 8:00 a.m. and 5:00 p.m. Pacific time each business day. The fee for facsimile filings is twenty dollars for single or multiple transactions within each new or existing corporation or trademark file. In addition, the filing fee for each transaction will apply.

(6) There is no expedited fee for the following transactions, unless they are submitted via facsimile transmission ~~((as set forth under subsection (3) of this section))~~ or on-line:

(a) Registered agent or address change;

(b) Initial reports;

(c) License renewal and required annual report;

(d) Amended annual reports;

(e) In-person inspection or review of corporation files or other public documents located in the corporations division office;

(f) Documents left at the counter for processing with mail-in documents received the same day; or

(g) A search for nonactive corporations less than twenty years old or trademark files less than six years old.

(7) If staff cannot complete the expedited service request before the end of the same day, or the second consecutive business day for facsimile filings, the transaction will be completed ~~((on the following business day))~~ as soon as possible.

(8) Emergency services needed outside regular business hours requiring employee overtime are one hundred fifty dollars per hour plus regulatory or statutory fees due for the form of the filing. When the division receives an emergency request, staff notifies the customer of the service fee and any other reasonable conditions set by the director. The customer must agree to pay the fees or have received a fee waiver before emergency services are provided.

(9) Service may be limited under extraordinary circumstances.

(a) Over-the-counter service hours may be shortened under extraordinary circumstances.

(b) Separate over-the-counter service requests by one person may be limited to those relating to three corporations per day.

(c) Documents submitted by courier services or document-handling companies may receive twenty-four-hour service or as soon thereafter as possible.

(d) A customer may make alternate arrangements with the director prior to bringing or sending in documents, if a sudden, unexpected situation occurs during the business day.

(10) A person submitting a filing or request may submit a written request asking the secretary to waive emergency or penalty fees.

(a) The request must include the special circumstances justifying the fee waiver.

(b) Under special circumstances the secretary may waive emergency or penalty fees.

(11) Fees for expedited or in-person processing will not be refunded ~~((if processing the request is delayed or not completed due to documents that lack required information, that contain provisions prohibited by Washington law, or are not presented in a manner that can be legibly preserved in the records of the office of the secretary of state))~~.

AMENDATORY SECTION (Amending WSR 07-20-065, filed 9/28/07, effective 10/29/07)

WAC 434-112-085 Fees and penalties. (1) For Washington registered profit domestic and foreign corporations, including profit cooperative associations, employee cooperative associations, limited liability companies, limited partnerships, Massachusetts trusts and limited liability partnerships, fees and penalties are as follows:

(a) Articles of incorporation, certificates of formation, certificate of limited partnership ((agreements)) and other original filings, one hundred ~~((seventy-five))~~ eighty dollars;

(b) Articles of amendment, restatement, correction, or revocation of dissolution, thirty dollars; articles of amendment for limited partnerships are twenty-five dollars;

(c) License renewal with required annual report filed after due date and before administrative dissolution, penalty fee of twenty-five dollars, plus the statutory fee of fifty dol-

lars and the department of licensing handling fee of nine dollars; limited partnership and limited liability partnership annual report statutory fee is fifty dollars;

(d) Reinstatement, one hundred dollars plus all delinquent license or annual fees and a twenty-five percent penalty computed on the total amount;

(e) Articles of merger or exchange, twenty dollars for each listed company;

(f) Resignation of registered agent, twenty dollars;

(g) Resignation of officer or director, an initial report or amended annual report, and the appointment or change of registered agent or change of registered address, ten dollars;

(h) Registration, reservation, or transfer of name, thirty dollars;

(i) Articles of dissolution, certificate of withdrawal, dissolution by judicial decree, or revocation of certificate of authority by either failure to renew or judicial decree, no fee;

(j) Agent's consent to act as agent, agent's resignation if appointed without consent, or annual report when filed concurrently with annual license fee, no fee; and

(k) Other statement or report filed, ten dollars.

(2) For Washington registered domestic and foreign non-profit corporations, nonprofit miscellaneous and mutual corporations, building corporations, and other associations and corporations under Title 24 RCW, fees and penalties are as follows:

(a) Articles of incorporation and other original filings, thirty dollars;

(b) Articles of amendment, restatement, ~~((or correction))~~ twenty dollars;

(c) Articles of dissolution or certificate of withdrawal, no fee;

(d) Revocation of dissolution, twenty dollars;

(e) Reinstatement following administrative dissolution, thirty dollars plus all delinquent annual fees and a five-dollar penalty;

(f) Articles of merger or exchange, twenty dollars for each listed corporation;

(g) Resignation of officer or director, an initial report or amended annual report, the appointment or change of registered agent, or change of registered address, ten dollars;

(h) Resignation of registered agent, twenty dollars;

(i) Registration, reservation, or transfer of reservation of name, twenty dollars;

(j) Certificate of election adopting provisions of chapter 24.03 RCW as described in RCW 24.03.017, thirty dollars; and

(k) Other statement or report filed, ten dollars.

(3) For registering trademarks for use within the state, the fees are as follows:

(a) For a five-year registration or renewal, fifty dollars for each class in which the trademark is registered;

(b) For recording the assignment of a trademark and its registration or application for registration, ten dollars;

(c) For a new certificate with the name of the new assignee, five dollars;

(d) For reservation of a trademark for one hundred eighty days, thirty dollars for each class in which the trademark is reserved;

(e) For amendment of a trademark to add new classes of goods or services, fifty dollars for each class added by the amendment;

(f) Cancellation of trademark, no fee; and

(g) Other statement or report filed, ten dollars.

(4) For registration of a declaration of state registered domestic partnership, or registration of a notice of termination of state registered domestic partnership, fifty dollars each.

(5) Fees paid under WAC 434-112-085 are not refundable. Under special circumstances, the filing party may petition the secretary in writing to request a waiver of emergency or penalty fees.

AMENDATORY SECTION (Amending WSR 07-20-065, filed 9/28/07, effective 10/29/07)

WAC 434-112-090 Miscellaneous fees. (1) ~~((For photocopies, fees are as follows:))~~ Copy fees for corporate documents are:

(a) Each annual report, five dollars;

(b) Initial articles of incorporation, initial certificate of formation, other initial organizing document ~~((or any single document))~~, ten dollars;

(c) Articles of incorporation, certificate of formation, other organizing documents including all subsequent amendments and restatements, twenty dollars;

(d) Copy of any filing related to a state registered domestic partnership, five dollars;

(e) Surcharge for files exceeding one hundred pages of copy, thirteen dollars for each fifty-page increment (number of pages determined by weight of copies);

(2) For certificates of existence fees are as follows:

(a) With complete historical data, under embossed seal, thirty dollars;

(b) ~~((Computer-generated))~~ Without complete historical data, twenty dollars;

(c) Duplicate certificate twenty dollars.

(3) For additional certificates of registration or termination of a state registered domestic partnership, five dollars. For an additional or replacement state registered domestic partnership wallet card, ten dollars.

(4) For verifying the signature of a notary or public official for an apostille or certification authenticating a sworn document, the fee is fifteen dollars. ~~((This includes:~~

~~(a) A ten-dollar fee for verifying the signature of a notary or public official; and~~

~~(b) A five-dollar fee for providing a certificate under seal pursuant to RCW 47.03.120 (1)(b).))~~

(5) For each certified copy of any document the fee is ~~((ten dollars plus a ten-dollar copy fee per document))~~ twenty dollars.

(6) For any service of process the fee is fifty dollars.

(7) Dishonored checks. If a person, corporation or other submitting entity has attempted to pay any fee due to the secretary of state by means of a check, and the check is dishonored by the financial institution when presented, the secretary of state will impose a twenty-five-dollar penalty, payable to the secretary of state.

In the event a valid replacement check and dishonor charge is not received in the office of the secretary of state within the time prescribed by its accounting division, the transaction covered by the dishonored check will be canceled and all other late filing fees and penalties will be instituted.

AMENDATORY SECTION (Amending WSR 07-20-065, filed 9/28/07, effective 10/29/07)

WAC 434-112-100 State registered domestic partnerships. (1) State registered domestic partnerships will be registered by the corporations program, in the corporations division of the office of the secretary of state.

(2) Declarations of state registered domestic partnerships, and notices of termination of state registered domestic partnerships may be submitted to the corporations division by mail, or in person. See WAC 434-112-020 for the corporations division ~~((address and))~~ hours of service.

(3) The document standards in WAC 434-112-040(5) apply to declarations of state registered domestic partnerships and to notices of termination of state registered domestic partnerships.

(4) At the time of registration of a declaration of state registered domestic partnership or of filing of a notice of termination of state registered domestic partnership the corporations division will provide to each state registered domestic partner:

(a) One original certificate of registration or termination. Further certificates or additional certificates requested after registration are available subject to the fees set forth in WAC 434-112-090.

(b) One wallet sized card documenting registration of the state registered domestic partnership.

(5) Registrations of state registered domestic partnerships are public records and all documents related to the registration are subject to public disclosure.

REPEALER

The following section of the Washington Administrative Code is repealed:

WAC 434-112-095

Fee prepayment—When required.

WSR 09-06-038

PERMANENT RULES

SUPERINTENDENT OF PUBLIC INSTRUCTION

[Filed February 25, 2009, 9:30 a.m., effective March 28, 2009]

Effective Date of Rule: Thirty-one days after filing.

Purpose: To change outdated references throughout the chapter.

Citation of Existing Rules Affected by this Order: Amending chapter 392-121 WAC.

Statutory Authority for Adoption: RCW 28A.150.290.

Adopted under notice filed as WSR 09-01-092 on December 16, 2008.

Number of Sections Adopted in Order to Comply with Federal Statute: New 0, Amended 0, Repealed 0; Federal Rules or Standards: New 0, Amended 0, Repealed 0; or Recently Enacted State Statutes: New 0, Amended 0, Repealed 0.

Number of Sections Adopted at Request of a Nongovernmental Entity: New 0, Amended 0, Repealed 0.

Number of Sections Adopted on the Agency's Own Initiative: New 0, Amended 0, Repealed 0.

Number of Sections Adopted in Order to Clarify, Streamline, or Reform Agency Procedures: New 0, Amended 0, Repealed 0.

Number of Sections Adopted Using Negotiated Rule Making: New 0, Amended 0, Repealed 0; Pilot Rule Making: New 0, Amended 0, Repealed 0; or Other Alternative Rule Making: New 0, Amended 0, Repealed 0.

Date Adopted: February 24, 2009.

Randy Dorn
Superintendent of
Public Instruction

AMENDATORY SECTION (Amending WSR 07-23-008, filed 11/8/07, effective 12/9/07)

WAC 392-121-107 Definition—Course of study. As used in this chapter, "course of study" means those activities for which students enrolled pursuant to chapters 180-16, 180-51, 392-169, 392-134, and 392-410 WAC may be counted as enrolled students for the purpose of full-time equivalent student enrollment counts.

(1) Course of study includes:

(a) Instruction - teaching/learning experiences conducted by school district staff as directed by the administration and the board of directors of the school district, inclusive of intermissions for class changes, recess and teacher/parent-guardian conferences that are planned and scheduled by the district for the purpose of discussing students' educational needs or progress, and exclusive of time for meals.

(b) Alternative learning experience - alternative learning experience provided by the school district in conformance with WAC 392-121-182.

(c) Instruction provided by a contractor - instruction provided by a contractor in conformance with WAC 392-121-188.

(d) National guard - participation in a national guard high school career training program for which credit is being given toward either required or elective high school credits pursuant to RCW ((28A.305.170)) 28A.300.165 and WAC 392-410-320. Such participation may be counted as a course of study only by the school district which the individual last attended.

(e) Ancillary service - any cocurricular service or activity, any health care service or activity, and any other services or activities, for or in which enrolled students are served by appropriate school district staff. The term shall include, but not be limited to, counseling, psychological services, testing, remedial instruction, speech and hearing therapy, health care services, and if such service is provided by the district, certificated contact time pursuant to RCW 28A.225.010 (4)(a) with students who are in a home-based instruction program.

The term shall exclude all extracurricular activities and all other courses of study defined in this section. In conformance with WAC 392-134-025, school districts report the actual number of student contact hours of ancillary service for part-time, private school, and home-based students to the superintendent of public instruction.

(f) Work based learning - training provided pursuant to WAC 392-410-315 and reported as provided in WAC 392-121-124.

(g) Running start - attendance at an institution of higher education pursuant to RCW 28A.600.300 through 28A.600.400, chapter 392-169 WAC.

(h) Transition school - participation in the University of Washington's transition school and early entrance program pursuant to RCW 28A.185.040, and chapter 392-120 WAC. Such participation shall be reported by the University of Washington and shall not be reported by a school district.

(i) Technical college direct funding - enrollment at a technical college pursuant to RCW 28A.150.275 and WAC 392-121-187. Such participation shall be reported by the technical college and shall not be reported by a school district unless the technical college and the school district agree to have the school district report such enrollment.

(2) Course of study does not include:

(a) Home-based instruction pursuant to RCW 28A.225.010(4): Education programs provided by a parent which do not meet the requirements of WAC 392-121-182 cannot be claimed for state funding;

(b) Private school instruction pursuant to chapter 28A.195 RCW;

(c) Adult education as defined in RCW 28B.50.030(12);

(d) Instruction provided to students who do not reside in Washington state (RCW 28A.225.260);

(e) Enrollment in state institutions, i.e., state operated group homes, county juvenile detention centers, state institutions for juvenile delinquents, and state residential habilitation centers;

(f) Instruction preparing a student for the general education development (GED) test if such instruction generates state or federal moneys for adult education;

(g) Enrollment in education centers except as provided under contract with a school district pursuant to RCW 28A.150.305 and WAC 392-121-188;

(h) Enrollment in the Washington state school for the deaf and the Washington state school for the blind;

(i) Extracurricular activities including but not limited to before and after school activities such as classes, sports and other activities offered outside the regular curriculum or for which credit is not earned; or

(j) Attendance at universities, colleges, community colleges, or technical colleges of students not earning high school credit.

AMENDATORY SECTION (Amending Order 97-06, filed 10/27/97, effective 11/27/97)

WAC 392-121-137 Full-time equivalent enrollment of students with a disability. In determining the full-time equivalent enrollment of students reported as students with a

disability pursuant to chapter 392-172A WAC, the following rules apply:

(1) If the student is enrolled exclusively in an ungraded special education program, the student's grade level shall be based on the typical grade level of students of the same age (e.g., a student who is six years old at the beginning of the school year shall be counted as a first grader).

(2) If the student is enrolled in a grade level below the typical grade level of students of the same age, the school district shall have the option of counting the student in the grade enrolled or the typical grade level of students of the same age.

(3) A student with a disability who is five years old at the beginning of the school year may be counted as a kindergarten student only if the student is enrolled full time (twenty hours or more per week), or is enrolled in a kindergarten program and is provided special education services in addition to the kindergarten program.

AMENDATORY SECTION (Amending WSR 05-13-154, filed 6/21/05, effective 7/22/05)

WAC 392-121-182 Alternative learning experience requirements. (1) An alternative learning experience may be counted as a course of study. A school district alternative learning experience may make use of digital and/or on-line curricula, and may be delivered over the internet or using other electronic means. A school district alternative learning experience may also include significant participation by students, parents, and families in the design and implementation of a student's learning experience. This section provides an alternative method of determining full-time equivalent enrollment and claiming state funding for public school learning experiences that are:

(a) Individual courses of study for students who meet the definition for enrollment specified by WAC 392-121-106. Students may enroll part-time in alternative learning experiences. Such enrollment shall be subject to the provisions of RCW 28A.150.350 and chapter 392-134 WAC;

(b) Supervised, monitored, assessed, and evaluated by school staff. As used in this section, "school staff" means certificated instructional staff of the school district according to the provisions of chapter ~~((480-82))~~ 181-82 WAC, or a contractor pursuant to WAC 392-121-188;

(c) Provided in accordance with a written alternative learning experience plan that is implemented pursuant to the school district board's policy for alternative learning experiences; and

(d) Provided in whole or part, outside the regular classroom setting, including those learning experiences provided digitally via the internet or other electronic means.

This section sets forth the standards, procedures, and requirements for state funded alternative learning experiences. This section is not intended to prevent or limit alternative education programs provided by a school district with federal or local resources.

An alternative learning experience may be counted as a course of study pursuant to WAC 392-121-107 if the following requirements are met:

(2) **School district board policies for alternative learning experiences:** The board of directors of a school

district claiming state funding for alternative learning experiences shall adopt and annually review written policies for each alternative learning experience program and program provider that:

(a) Require a written plan for each student participating in an alternative learning experience that meets the minimum criteria pursuant to subsection (4) of this section;

(b) Require that the overall ratio of certificated instructional staff to full-time equivalent students enrolled in alternative learning experience programs and courses, including those that rely primarily on digital curriculum, be identified and approved by the school district board of directors in a public meeting;

(c) Describe how student performance will be supervised, monitored, assessed, evaluated, and recorded by school staff. Such description shall include methods for periodic grade reporting, if different from existing school district policy;

(d) Require each student enrolled in an alternative learning experience to have direct personal contact with school staff at least weekly, until the student completes the course objectives or the requirements of the learning plan. Direct personal contact shall be for the purposes of instruction, review of assignments, testing, reporting of student progress, or other learning activities. Direct personal contact means a face-to-face meeting with the student and, where appropriate, the student's parent or guardian. In establishing policies for alternative learning experience programs and program providers, the school district board of directors may determine that direct personal contact can be accomplished through the use of telephone, e-mail, instant messaging, interactive video communication, or other means of digital communication, instead of a face-to-face meeting, if in the judgment of the board such contact methods do not compromise educational quality, student health and safety, or the fiscal integrity of the district;

(e) Require that each student's educational progress be reviewed at least monthly and that the results of each review be communicated to the student and if the student is in grades K-8, the student's parent or guardian;

(f) At the discretion of the school district board, the policy may describe responsibilities of the student's parent(s) or guardian including, but not limited to:

(i) Approval of the written alternative learning experience plan;

(ii) Responsibility for the parent(s) or guardian to provide or implement a portion of the student's alternative learning experience under the supervision of school staff, if the parent(s) or guardian agrees; and

(iii) Requirements to meet with school staff for purposes of evaluating the student's performance and/or receiving instructions on assisting with the student's alternative learning experience. The school district board may also prescribe requirements for appointing a person to provide or supervise a portion of the student's alternative learning experience in the event the student's parent(s) or guardian will not or cannot be a participant in the student's alternative learning experience;

(g) Designate one or more school district official(s) responsible for approving specific alternative learning experience

rience programs or courses, monitoring compliance with this section, and reporting at least annually to the school district board of directors on the program. This annual report shall include at least the following:

(i) Documentation of alternative learning experience student headcount and full-time equivalent enrollment claimed for basic education funding;

(ii) A description of how certificated and classified staff are assigned program management and instructional responsibilities that maximize student learning, including the ratio of certificated instructional staff to full-time equivalent students;

(iii) A description of how a written student learning plan pursuant to subsection (4) of this section, is developed, and student performance supervised and evaluated, by certificated staff;

(iv) A description of how the program supports the district's overall goals and objectives for student academic achievement; and

(v) Results of any self-evaluations conducted pursuant to subsection (7) of this section;

(h) Satisfy the ~~((state board of education's))~~ office of superintendent of public instruction's requirements for courses of study and equivalencies (chapter ~~((180-50))~~ 392-410 WAC);

(i) For alternative learning experience courses offering credit, or for alternative learning experience programs issuing a high school diploma, satisfy the state board of education's high school graduation requirements (chapter 180-51 WAC); and

(j) Identify what, if any, expenditures which are directly related to the written student learning plan and are paid by participants of an alternative learning experience may be subject to reimbursement by the district.

(3) Alternative learning experience implementation standards:

(a) Alternative learning experiences shall be accessible to all students, including those with disabilities. Alternative learning experiences for special education students shall be provided in accordance with chapter 392-172A WAC.

(b) It is the responsibility of the school district or school district contractor to ensure that students have all curricula, course content, instructional materials, and other learning resources essential to successfully complete the requirements of the written student learning plan. Curricula, course content, instructional materials, and other learning resources for alternative learning experiences shall at minimum be consistent in quality with those available to the district's overall student population. Instructional materials shall be provided in accordance with RCW 28A.320.230.

(c) Work-based learning as a component of an alternative learning experience course of study shall be subject to the provisions of WAC ~~((180-50-315))~~ 392-410-315 and 392-121-124.

(d) Contracting for alternative learning experiences shall be subject to the provisions of WAC 392-121-188 and RCW 28A.150.305.

(e) A school district that provides one or more alternative learning experiences to a student shall provide the parent(s) or guardian of the student, prior to the student's enrollment,

with a description of the difference between home-based instruction pursuant to chapter 28A.200 RCW and the enrollment option selected by the student. The parent or guardian shall sign documentation attesting to his or her understanding of the difference and the documentation shall be retained by the district and made available for audit.

(f) The school district shall institute reliable methods to verify a student is doing his or her own work. The methods may include proctored examinations or projects, including the use of web cams or other technologies. "Proctored" means directly monitored by an adult authorized by the school district.

(g) State funded public schools or public school programs whose primary purpose is to provide alternative learning experiences using digital or on-line means shall be accredited through the state accreditation program or through the regional accreditation program.

(4) Written student learning plan: Each student enrolled in an alternative learning experience course of study shall have a written student learning plan designed to meet the student's individual educational needs. The written student learning plan may be developed in partnership with the student, the student's parents, and other interested parties, with recognition that school staff has the primary responsibility and accountability for the plan, including supervision and monitoring, and evaluation and assessment of the student's progress. The written student learning plan shall include, but not be limited to, the following elements:

(a) A beginning and ending date for the learning experience;

(b) An estimate of the average number of hours per week that the student will engage in learning activities to meet the requirements of the student learning plan. This estimate may be used in reporting enrollment in compliance with subsection (5) of this section and must be based upon the criteria in subsection (6) of this section;

(c) A description of how weekly contact requirements will be fulfilled;

(d) A description of the specific learning goals and performance objectives of the alternative learning experience. This requirement may be met through the use of course syllabi or other similarly detailed descriptions of learning requirements. The description shall clearly identify the requirements a student must meet to successfully complete the course or program;

(e) Identification of instructional materials essential to successful completion of the learning plan; and

(f) A description of the timelines and methods for evaluating student progress toward the learning goals and performance objectives specified in the learning plan.

The written student learning plan shall identify whether the alternative learning experience meets one or more of the state essential academic learning requirements or any other academic goals, objectives, and learning requirements defined by the school district. For a high school alternative learning experience, the plan shall specify whether the experience meets state and district graduation requirements.

(5) Enrollment reporting: Effective the 2005-06 school year, the full-time equivalency of students enrolled in

alternative learning experience programs shall be determined as follows:

(a) Using the definition of full-time equivalent student in WAC 392-121-122 and the number of hours the student is expected to engage in learning activities as follows:

(i) On the first enrollment count date on or after the start date specified in the written student learning plan, the estimated average weekly hours of learning activity described in the written student learning plan;

(ii) On subsequent monthly count dates, if the student's progress review pursuant to subsection (6) of this section indicates satisfactory progress, the student's full-time equivalent shall be based on the estimated average weekly hours of learning activity identified in the student learning plan;

(iii) If the student's progress review indicates a lack of satisfactory progress, the student's full-time equivalent shall be based on the estimated average weekly hours of learning activity described in the student learning plan, and the actual number of hours the student engages in learning activity pursuant to the written student learning plan shall be documented during the ensuing month. Documented hours shall encompass only time spent on those learning activities intended to accomplish the learning goals and performance objectives identified in the written student learning plan, shall meet the following criteria and shall be verified by district staff:

(A) Those hours of classroom instruction provided by school staff;

(B) Those hours of work based learning calculated in accordance with WAC 392-121-107 (1)(f);

(C) Those hours of learning activity other than those specified in (a)(iii)(A), (B) and (D) of this subsection that are conducted and supervised by the student's parent(s) or guardian, or other person as designated by the written plan; and

(D) Those hours that the student participates in learning activities other than those specified in (a)(iii)(A), (B) and (C) of this subsection. If the student is in grades K-8, such learning activity shall be supervised by the student's parent(s) or guardian or other person designated by the written student learning plan;

(iv) On subsequent monthly count dates, if the student's progress review indicates a lack of satisfactory progress, the student's full-time equivalent shall be based on the actual average weekly hours of learning activity documented during the prior month;

(v) Enrollment of part-time students shall be subject to the provisions of RCW 28A.150.350, and shall generate the pro rata share of full-time funding.

(b) The enrollment count shall exclude students meeting the definition of enrollment exclusions in WAC 392-121-108 or students who have not had direct personal contact with school staff for twenty consecutive school days. Any such student shall not be counted as an enrolled student until the student has met with appropriate school staff and resumed participation in their alternative learning experience or participated in another course of study as defined in WAC 392-121-107;

(c) School districts providing alternative learning experiences to nonresident students shall document the district of the student's physical residence, and shall establish proce-

dures that address, at a minimum, the coordination of student counting for state funding so that no student is counted for more than one full-time equivalent in the aggregate.

(6) Accountability for student performance:

(a) At minimum, students enrolled in alternative learning experiences shall have their educational performance evaluated according to the following process and schedule:

(i) Each student's educational progress shall be reviewed at least once per month. The progress review shall be based on the learning goals and performance objectives defined in the written student learning plan.

(ii) The progress review shall be conducted by school staff and shall include direct personal contact with the student. If allowed by district policy, direct personal contact may include the use of telephone, e-mail, instant messaging, interactive video communication, or other means of digital communication. The results of the review shall be communicated to the student and, where possible, the student's parent(s) or guardian.

(iii) Based on the progress review, school staff shall determine and document whether the student is making satisfactory progress in completing the learning activities and reaching the learning goals and performance objectives defined in the written plan.

(iv) If the student fails to make satisfactory progress for no more than two consecutive evaluation periods or if the student fails to follow the written student learning plan, an intervention plan designed to improve student progress shall be developed and implemented. This intervention plan shall be developed by school staff in conjunction with the student and, for students in grades K-8, the student's parent(s) or guardian.

(v) If, after no more than three subsequent evaluation periods, the student still is not making satisfactory progress, a plan designed to more appropriately meet the student's educational need shall be developed and implemented by school staff in conjunction with the student and, for students in grades K-8, the student's parent(s) or guardian.

(b) The educational progress of students enrolled in alternative learning experiences shall be assessed at least annually, using, for full-time students, the state assessment for the student's grade level and using any other annual assessments required by the school district. Part-time students shall also be assessed at least annually. However, part-time students who are either receiving home-based instruction under chapter 28A.200 RCW or who are enrolled in an approved private school under chapter 28A.195 RCW are not required to participate in the assessments required under chapter 28A.655 RCW.

(c) Students enrolled full-time in nonresident alternative learning experience schools, programs, or courses shall have the opportunity to participate in any required annual state assessments at the district of residence, subject to that district's planned testing schedule. It is the responsibility of the enrolling district to facilitate all necessary coordination with the district of residence and with the student and, where appropriate, the student's parent(s) or guardian to fulfill this requirement. Such coordination may include arranging for appropriate assessment booklets, student notification of assessment administration schedules, arrangements for for-

warding of completed assessment booklets to the enrolling district for submission for scoring and reporting, and other steps as may be necessary. Assessment results for students assessed according to these provisions shall be included in the enrolling district's accountability measurements, and not in the district of residence's accountability measurements.

(7) **Program evaluation:** School districts offering alternative learning experiences shall engage in periodic self-evaluation of these learning experiences in a manner designed to objectively measure their effectiveness, including the impact of the experiences on student learning and achievement. Self-evaluation shall follow a continuous improvement model, and may be implemented as part of the school district's school improvement planning efforts.

(8) **Annual reporting:** Each school district offering alternative learning experiences shall report annually to the superintendent of public instruction on the types of programs and course offerings subject to this section, including student headcount and full-time equivalent enrollment claimed for basic education funding. The report shall identify the ratio of certificated instructional staff to full-time equivalent students enrolled in alternative learning experience courses or programs. The report shall separately identify alternative learning experience enrollment of students provided under contract pursuant to RCW 28A.150.305 and WAC 392-121-188.

(9) **Documentation:** In accordance with required records retention schedules, a school district claiming state funding for alternative learning experiences shall maintain the following written documentation available for audit:

- (a) School board policy for alternative learning experiences pursuant to this section;
- (b) Annual reports to the school district board of directors as required by subsection (2)(g) of this section;
- (c) Annual reports to the superintendent of public instruction as required by subsection (8) of this section;
- (d) The written student learning plans required by subsection (4) of this section, including documentation of required weekly direct personal contact;
- (e) Student progress reviews, evaluations, and assessments required by subsection (6) of this section;
- (f) Student enrollment detail substantiating full-time equivalent enrollment reported to the state, including estimated total hours of participation in educational activities, and any actual documentation of hours of learning for those students failing to make satisfactory progress; and
- (g) Signed parent enrollment disclosure documents required by subsection (3)(e) of this section.

AMENDATORY SECTION (Amending WSR 94-17-096, filed 8/17/94, effective 9/17/94)

WAC 392-121-187 Technical college direct-funded enrollment. Enrollment in a technical college pursuant to an interlocal agreement with a school district as provided in RCW 28B.50.533 may be counted as course of study generating state moneys payable directly to the technical college as provided in this section.

(1) The technical college shall submit a written request to the superintendent of public instruction and for each school district whose students are to be claimed by the col-

lege shall provide a copy of the interlocal agreement signed by the school district superintendent and the technical college president or authorized officials of the school district and college.

(2) The technical college shall report enrolled students monthly (October through June) to the superintendent of public instruction pursuant to this chapter and instructions provided by the superintendent. A separate report shall be submitted for each school district whose students are reported. Reports of students eligible for state basic education support shall show the total number of students served and total non-vocational and vocational FTE students on the monthly count date. Reports shall also show the name of each student, hours of enrollment per week on the monthly count date, and the nonvocational and vocational full-time equivalent reported for the student on the count date. Technical colleges claiming direct state handicapped funding under the interlocal agreement shall also report the number of enrolled handicapped students by handicapping category on the count dates of October through May pursuant to WAC 392-122-160 and chapter ((392-174)) 392-172A WAC.

(3) The technical college shall report monthly to each school district whose students are served pursuant to this section. The report shall include at a minimum the data reported to the superintendent of public instruction pursuant to subsection (2) of this section.

(4) The technical college shall report only students who:

- (a) Were under twenty-one years of age at the beginning of the school year;
 - (b) Are enrolled tuition-free;
 - (c) Are enrolled in a school district with which the technical college has a signed interlocal agreement on file with the superintendent of public instruction pursuant to subsection (1) of this section;
 - (d) Are enrolled in the school district for the purpose of earning a high school diploma or certificate; and
 - (e) Have actually participated in instructional activity at the technical college during the current school year.
- (5) Enrollments claimed for state basic education funding by the technical college:

- (a) Shall be for courses for which the student is earning high school graduation credit through the school district or the technical college; and
- (b) Shall not include:
 - (i) Enrollment which is claimed by the school district for state funding; or
 - (ii) Enrollment which generates state or federal moneys for higher education, adult education, or job training for the technical college.

(6) Full-time equivalent students reported by the technical college for state basic education funding shall be determined pursuant to WAC 392-121-106 through 392-121-183 except that the enrollment count dates shall be for the months of October through June. If a student is enrolled in courses provided by the school district as well as courses provided by the technical college, the combined full-time equivalents reported by the school district and the technical college are limited by WAC 392-121-136.

(7) The superintendent of public instruction shall make quarterly payments to the technical college as follows:

(a) Basic education allocations shall be determined pursuant to chapter 392-121 WAC based on average enrollments reported by the technical college for each school district times the average allocation per full-time equivalent high school student of the school district: Provided, That allocations for students enrolled in school districts with no more than two high schools with enrollments of less than three hundred annual average full-time equivalent students shall be at the incremental rate generated by students in excess of sixty annual average full-time equivalent students. Allocations for nonvocational and vocational full-time equivalent enrollments shall be calculated separately.

(b) Handicapped allocations shall be determined pursuant to WAC 392-122-100 through 392-122-165 based on average handicapped enrollments and the school district's average allocation per handicapped student in each handicapping category.

(c) Quarterly payments shall provide the following percentages of the annual allocation:

December	30%
March	30%
June	20%
August	20%

AMENDATORY SECTION (Amending WSR 07-23-024, filed 11/9/07, effective 12/10/07)

WAC 392-121-188 Instruction provided under contract. School districts have general authority to contract for the services of individuals to provide instruction, subject to applicable state and federal laws and local collective bargaining agreements. School districts also have authority to enter into interdistrict cooperative agreements for instructional services with other school districts under RCW 28A.225.250. However, when a school district contracts with an entity other than a school district and that entity employs staff to provide basic education instruction claimed by the school district for state basic education funding, the requirements of this section also apply. Instruction provided by such an entity (hereafter called the contractor) may be counted as a course of study and claimed by the school district for state funding if the following requirements are met:

(1) The school district board of directors in accordance with RCW 28A.320.015 adopts a resolution that concludes it is in the best interest of the students to expand the options available by providing an appropriate basic education program pursuant to the contract and sets forth the rationale in support of the conclusion;

(2) The school district retains full responsibility for compliance with all state and federal laws;

(3) The contractor complies with all relevant state and federal laws that are applicable to the school district;

(4) The contractor provides instruction free of sectarian or religious influence or control.

(5) The contractor serves the students at no cost to the student for tuition and fees and enrollment is voluntary and no student or person is unlawfully excluded from participation on the grounds of race, creed, color, national origin, sex,

marital status, or presence of any sensory, mental, or physical handicap;

(6) Each student is enrolled in the school district reporting the enrollment and each high school student is working toward course credits which satisfy high school graduation requirements;

(7) If the contractor is a state higher education institution, a state funded education center, or any other state funded entity, the contractor is not claiming enrollment of the student or receiving direct state support for the contracted instruction reported pursuant to this section.

(8) The curriculum is approved by the district;

(9) The contractor provides enrollment reports to the school district that comply with this chapter;

(10) The contractor maintains and has available for audit or review by the school district, state, or federal authorities documentation of enrollment, hours of instructional activity participated in by the students, personnel data, and financial data including all revenues and expenditures pertaining to the contract with the school district;

(11) If a contractor other than an institution of higher education at any time during the school year serves more than twenty-five students which equals more than one quarter of one percent (.0025) of the district's annual average full-time equivalent enrollment claimed for basic education funding the school district reports the certificated instructional employees of the contractor funded with any state moneys or federal moneys that flow through the school district as required by the SPI annual personnel reporting system for calculation of state funding, staff ratios and statistics;

(12) If the contract is with an entity other than an institution of higher education, for the students served pursuant to the contract, the contractor maintains a ratio of full-time equivalent certificated instructional staff serving the annual average full-time equivalent students reported for basic education funding pursuant to this section which is at least equal to the district's basic education funding ratio for the grade level of the students being reported for basic education funding pursuant to this section;

(13) The school district and contractor execute a written contract which is consistent with this section, and which sets forth the duties of the contractor in detail sufficient to hold the contractor accountable to the school district;

(14) The school district and contractor establish a process for periodic on-site monitoring by the school district for compliance with this section and other terms of the contract between the school district and contractor;

(15) Contracts for services for students with disabilities shall comply with WAC ((392-172-220)) 392-172A-04085 and ((392-172-222)) 392-172A-04090;

(16) Full-time equivalent enrollment reported for students served under a contract with a higher education institution shall be based on the number of hours of instruction meeting the criteria in WAC 392-121-107 (1)(a) provided by staff of the higher education institution under the contract. This section does not apply to running start enrollment, which is governed by chapter 392-169 WAC or at-risk programs meeting the standards of subsection (18) of this section; and

(17) When a school district contracts for an alternative learning experience program and the contractor exercises primary responsibility for the student's written learning plan, the program shall be for academically at-risk students and shall comply with RCW 28A.150.305. Enrollment in these programs shall be reported pursuant to WAC 392-121-182.

(18) Full-time equivalent enrollment reported for students served under contract with a community or technical college as defined in RCW 28B.50.030 shall be based on the credits generated by the student consistent with WAC 392-169-025 if the program meets the following standards:

(a) The student is earning credits applicable to a high school diploma.

(b) The program is focused on serving credit deficient students.

(c) The student population served is considered at-risk and meet the following criteria:

(i) The students have already dropped out of high school; or

(ii) The students have not demonstrated success in the traditional high school environment.

AMENDATORY SECTION (Amending WSR 08-03-086, filed 1/16/08, effective 2/16/08)

WAC 392-121-264 Definition—Certificated years of experience. Regardless of the experience factors used by a school district for the purposes of its salary schedule(s), as used in this chapter, the term "certificated years of experience" means the number of years of accumulated full-time and part-time professional education employment prior to the current reporting school year in the state of Washington, out-of-state, and a foreign country. School districts shall report all certificated years of experience including those beyond the experience limit of the school district's salary schedule.

(1) Professional education employment shall be limited to the following:

(a) Employment in public or private preschools or elementary and secondary schools in positions which require certification where:

(i) Schools include the Centrum education program, the Pacific Science Center education program, and educational centers authorized under chapter 28A.205 RCW;

(ii) Certification means the concurrent public professional education licensing requirements established in the state, province, country, or other governmental unit in which employment occurred and which, for the state of Washington, refers to the certificates authorized by WAC 181-79A-140 and temporary permits authorized by WAC 181-79A-128;

(b) Employment in public or private vocational-technical schools, technical colleges, community/junior colleges, colleges, and universities in positions comparable to those which require certification in Washington school districts;

(c) Employment in a governmental educational agency with regional administrative responsibilities for preschool, elementary, and/or secondary education including but not limited to an educational service district, office of ~~((the))~~ superintendent of public instruction, or United States department of education in any professional position including but

not limited to C.P.A., architect, business manager, or physician;

(d) Experience in the following areas:

(i) Military, Peace Corps, or Vista service which interrupted professional education employment included in (a), (b), or (c) of this subsection; and

(ii) Sabbatical leave.

(e) For nondegreed vocational/career and technical education instructors, up to a maximum of six years of management experience as defined in WAC 181-77-003(6) acquired after the instructor meets the minimum vocational/career and technical education certification requirements of three years (six thousand hours) established in WAC 181-77-041 (1)(a)(i), regardless of when the initial certificate is issued and regardless of type of vocational/career and technical education certificate held. If a degree is obtained while employed in the state of Washington as a nondegreed vocational/career and technical education instructor, the eligible years of management experience pursuant to this subsection reported on Report S-275 prior to the awarding of the degree shall continue to be reported but shall not increase.

(f) Beginning in the 2007-08 school year, for occupational therapists, physical therapists, nurses, speech-language pathologists, audiologists, counselors, psychologists, and social workers regulated under Title 18 RCW, years of experience may include employment as occupational therapists, physical therapists, nurses, speech-language pathologists, audiologists, counselors, psychologists, and social workers, that does not otherwise meet the requirements of (a) through (e) of this subsection, subject to the following conditions and limitations:

(i) Experience included under this subsection shall be limited to a maximum of two years.

(ii) The calculation of years of experience shall be that one year of experience in a school or other nonschool position counts as one year of experience for the purposes of this subsection, per subsection (2)(a) of this section.

(iii) Employment as occupational therapists shall be limited to the following:

(A) In positions requiring licensure as an occupational therapist under Title 18 RCW, or comparable out-of-state employment; and

(B) While holding a valid occupational therapist license, or other comparable occupational therapist credential.

(iv) Employment as physical therapists shall be limited to the following:

(A) In positions requiring licensure as a physical therapist under Title 18 RCW, or comparable out-of-state employment; and

(B) While holding a valid physical therapist license, or other comparable physical therapist credential.

(v) Employment as nurses shall be limited to the following:

(A) In positions requiring licensure as a registered nurse under Title 18 RCW, or comparable out-of-state employment; and

(B) While holding a valid registered nurse license, or other comparable registered nurse credential.

(vi) Employment as speech-language pathologists or audiologists shall be limited to the following:

(A) In positions requiring the same or similar duties and responsibilities as are performed by speech-language pathologists or audiologists regulated under Title 18 RCW; and

(B) After completion of the minimum requirements for conditional certification as a school speech-language pathologist or audiologist established in WAC 181-79A-231 (1)(c)(iv).

(vii) Employment as counselors shall be limited to the following:

(A) In positions requiring the same or similar duties and responsibilities as are performed by counselors regulated under Title 18 RCW; and

(B) After completion of the minimum requirements for emergency certification as a school counselor established in WAC 181-79A-231(3).

(viii) Employment as psychologists shall be limited to the following:

(A) In positions requiring the same or similar duties and responsibilities as are performed by psychologists regulated under Title 18 RCW; and

(B) After completion of the minimum requirements for emergency certification as a school psychologist established in WAC 181-79A-231(3).

(ix) Employment as social workers shall be limited to the following:

(A) In positions requiring the same or similar duties and responsibilities as are performed by social workers regulated under Title 18 RCW; and

(B) After completion of the minimum requirements for emergency certification as a school social worker established in WAC 181-79A-231(3).

(x) Certificated years of experience as occupational therapists, physical therapists, nurses, speech-language pathologists, audiologists, counselors, psychologists, and social workers, determined pursuant to this subsection and reported on Report S-275, by teachers and other certificated staff who are no longer employed as occupational therapists, physical therapists, nurses, speech-language pathologists, audiologists, counselors, psychologists, and social workers, shall continue to be reported but shall not increase.

(2) Years of full-time and part-time professional education employment prior to the current reporting school year are accumulated as follows:

(a) For each professional education employment which is not employment as a casual substitute pursuant to subsection (1)(a) of this section;

(i) Determine the total number of hours, or other unit of measure, per year for an employee working full-time with each employer;

(ii) Determine the number of hours, or other unit of measure, per year with each employer, including paid leave and excluding unpaid leave;

(iii) Calculate the quotient of the hours, or other unit of measure, determined in (a)(ii) of this subsection divided by the hours, or other unit of measure, in (a)(i) of this subsection rounded to two decimal places for each year.

(b) For professional education employment as a casual substitute pursuant to subsection (1)(a) of this section:

(i) Determine the total number of full-time equivalent substitute days per year;

(ii) Calculate the quotient of full-time equivalent days determined in (b)(i) of this subsection divided by 180 rounded to two decimal places for each year.

(c) No more than 1.0 year may be accumulated in any traditional nine-month academic year or any twelve-month period.

(i) Accumulate, for each year, professional education employment calculated in (a)(iii) and (b)(ii) of this subsection.

(ii) Determine the smaller of the result in (c)(i) of this subsection or 1.00 for each year.

(d) Determine certificated years of experience as the accumulation of all years of professional education employment calculated in (c)(ii) of this subsection and report such years rounded to one decimal place.

AMENDATORY SECTION (Amending Order 18, filed 7/19/90, effective 8/19/90)

WAC 392-121-415 Basic education allocation—Deductible revenues. In addition to those funds appropriated by the legislature for basic education allocation purposes, the following locally available general fund revenues shall be included in the computation of the total annual basic education allocation of each school district pursuant to RCW 28A.150.250 and 28A.150.260 and shall be deducted from payments made pursuant to WAC 392-121-400:

(1) Proceeds from the sale, rental or lease of stone, minerals, timber, forest products, other crops and matter, and improvements from or on tax title real property managed by a county pursuant to chapter 36.35 RCW (~~((36.35.040))~~);

(2) Proceeds from state forests pursuant to RCW (~~((76.12.030))~~) 79.22.040 and (~~((76.12.120))~~) 79.22.050;

(3) Federal in lieu of tax payments made pursuant to RCW 84.72.020; and

(4) Proceeds from the sale of lumber, timber, and timber products on military reservations or facilities in accordance with U.S.C. §2665, Title 10, and P.L. 97-99.

(5) Local in lieu of tax payments including but not limited to payments made pursuant to RCW 35.82.210, 35.83.040, and (~~((79.66.100))~~) 79.19.110.

Otherwise deductible revenues from any of the foregoing sources received by a school district due solely to the district's levy of a capital projects fund or debt service fund excess tax levy shall constitute nongeneral fund revenues and shall not be deducted in the computation of the district's annual basic education allocation for that school year.

AMENDATORY SECTION (Amending Order 28, filed 9/13/90, effective 10/14/90)

WAC 392-121-440 Emergency advance payments—Determination of amount. The superintendent of public instruction shall calculate the emergency advance on the school district's basic education allocation as the (~~((lessor))~~) lesser of:

(1) The amount set forth in the school district's resolution;

(2) An amount not to exceed ten percent of the total amount to become due and apportionable to the district from September 1 through August 31 of the school year.

(3) The highest negative monthly cash and investment balance of the general fund between the date of the resolution and May 31st of the school year less any redirection of a school district's basic education allocation to the capital projects fund, debt service fund, or both.

WSR 09-06-040
PERMANENT RULES
SUPERINTENDENT OF
PUBLIC INSTRUCTION

[Filed February 25, 2009, 9:35 a.m., effective March 28, 2009]

Effective Date of Rule: Thirty-one days after filing.

Purpose: The special education WAC chapter referred to in this WAC has been revised from chapters 392-171 and 392-172A WAC. This updates that reference.

Citation of Existing Rules Affected by this Order: Amending WAC 392-137-235.

Statutory Authority for Adoption: RCW 28A.150.290.

Adopted under notice filed as WSR 09-01-090 on December 16, 2008.

Number of Sections Adopted in Order to Comply with Federal Statute: New 0, Amended 0, Repealed 0; Federal Rules or Standards: New 0, Amended 0, Repealed 0; or Recently Enacted State Statutes: New 0, Amended 0, Repealed 0.

Number of Sections Adopted at Request of a Nongovernmental Entity: New 0, Amended 0, Repealed 0.

Number of Sections Adopted on the Agency's Own Initiative: New 0, Amended 0, Repealed 0.

Number of Sections Adopted in Order to Clarify, Streamline, or Reform Agency Procedures: New 0, Amended 2, Repealed 0.

Number of Sections Adopted Using Negotiated Rule Making: New 0, Amended 0, Repealed 0; Pilot Rule Making: New 0, Amended 0, Repealed 0; or Other Alternative Rule Making: New 0, Amended 0, Repealed 0.

Date Adopted: February 24, 2009.

Randy Dorn
 Superintendent of
 Public Instruction

AMENDATORY SECTION (Amending Order 26, filed 9/17/90, effective 10/18/90)

WAC 392-137-235 Residency of handicapped children—Special condition. Notwithstanding the definitions of resident and nonresident district pursuant to this chapter, in the event a student who is eligible for special education pursuant to chapter ((392-171)) 392-172A WAC transfers pursuant to this chapter from a resident school district to a nonresident district, the nonresident district shall be deemed the resident district for the purposes of chapter ((392-171)) 392-172A WAC and shall be required to perform all legal duties as otherwise required by the resident district, including the transportation of the transferring handicapped student if so required as a related service.

WSR 09-06-042
PERMANENT RULES
DEPARTMENT OF
FISH AND WILDLIFE

[Order 09-27—Filed February 25, 2009, 9:59 a.m., effective May 1, 2009]

Effective Date of Rule: May 1, 2009.

Purpose: Amend sportfishing rules.

Citation of Existing Rules Affected by this Order: New section WAC 220-16-880 Saltwater State Park Marine Preserve; and amending WAC 220-20-100 General provisions—Marine protected areas, 220-56-100 Definitions—Personal-use fishing, 220-56-105 River mouth definitions, 220-56-122 Statewide bait rules, 220-56-350 Clams other than razor clams, mussels—Areas and seasons, 220-56-380 Oysters—Areas and seasons, 220-56-500 Game fish seasons, 232-12-168 Fishing contests, and 232-28-619 Washington food fish and game fish—Freshwater exceptions to statewide rules.

Statutory Authority for Adoption: RCW 77.12.047.

Adopted under notice filed as WSR 09-01-023 on December 8, 2008.

Changes Other than Editing from Proposed to Adopted Version: WAC 220-56-100(2):

Anti-snagging rule definition amended:

(a) Terminal gear is limited to a lure or bait with one single point hook. When fishing from a floating device, up to two single point hooks may be used.

(b) Only single point hooks measuring not more than 3/4 inch from point to shank may be used, and all hooks must be attached to or below the lure or bait.

(c) Weights may not be attached below or less than 12 inches above lure or bait.

WAC 220-56-122(6):

Live bait rules amended: It is unlawful to possess or use live aquatic animals as bait in fresh water, except:

(a) Live aquatic animals (other than fish) collected from the water being fished may be possessed or used as bait.

(b) Live sand shrimp may be possessed or used as bait.

(c) Live forage fish may be possessed or used as bait in the Columbia River downstream of a line projected from Rocky Point on the Washington bank through Red Buoy 14 to the navigation light at Tongue Point on the Oregon bank.

WAC 220-56-350:

Sport clam seasons are adjusted on a yearly basis based on abundance and usage surveys and agreements with comanagers and other state agencies.

(1) Ala Spit - Closed the entire year (was open May 1 - May 31).

(19) Dosewallips State Park - Open March 1 through October 31 (was April 1 - September 30).

(23) Fort Flagler State Park - Open May 15 through July 31 (was April 1 - June 15).

(26) Frye Cove County Park - Closed the entire year (was open January 1 - June 15).

(56) Oak Bay County Park - Open June 1 through July 31 (was July 1 - August 31).

(66) Point Whitney - Open March 1 through May 31 (was March 1 - June 30).

(97) South Indian Island County Park - Open April 1 through May 31 (was April 1 - June 30).

WAC 220-56-380:

Sport oyster seasons are adjusted on a yearly basis based on abundance and usage surveys and agreements with comanagers and other state agencies.

(23) Fort Flagler State Park - Open May 15 through July 31 (was April 1 - June 15).

(26) Frye Cove County Park - Closed the entire year (was open January 1 - June 15).

(56) Oak Bay County Park - Open June 1 through July 31 (was July 1 - August 31).

(97) South Indian Island County Park - Open April 1 through May 31 (was April 1 - June 30).

WAC 232-28-619:

Modifies exceptions to statewide rules. Changes seasonal dates, closed areas, daily limits, size limits, and gear restrictions.

Blue Lake (Grant County) - The trout daily limit of 8 was not adopted. The daily limit remains at the statewide standard of 5 fish.

Cispus River (Lewis County) - The additional season was adjusted to end just before the new stream opener (first Saturday in June).

Columbia River - The sturgeon seasons were adjusted in the lower river, and total length measurements were converted to fork length. Total length of 42" becomes 38" fork length. Total length of 45" becomes 41" fork length, and total length of 60" becomes 54" fork length. Sturgeon release is required May 1 - 8, June 29 - July 1, and July 6 - December 31 below the Wauna powerlines. I-5 Bridge to the Wauna powerlines: Sturgeon retention is allowed only Thursdays, Fridays, and Saturdays.

Cowlitz River (Lewis County) - The additional season is adjusted to end just before the new stream opener (first Saturday in June).

Damon Lake (Grays Harbor County) - The season opener is changed to the first Saturday in June.

Grimes Lake (Douglas County) - The game fish season opener is changed to the first Saturday in June.

EF Lewis River (Clark/Skamania Counties) - The additional season is adjusted to end just before the new stream opener (first Saturday in June).

Hoh River (Jefferson County) - The closure is adjusted to end just before the new stream opener (first Saturday in June).

Medical Lake, West (Spokane County) - The trout daily limit of 8 was not adopted. The daily limit remains at the statewide standard of 5 fish.

Monte Christo Lake (Snohomish County) - The season opener was changed to the first Saturday in June.

Mooses Pond (Pacific County) - The season opener was changed to the first Saturday in June.

Owens Pond (Pacific County) - The season opener was changed to the first Saturday in June.

Park Lake (Grant County) - The trout daily limit of 8 was not adopted. The daily limit remains at the statewide standard of 5 fish.

Quigg Lake (Grays Harbor County) - The season opener was changed to the first Saturday in June.

Quillayute River (Clallam County) - The early season was adjusted to end just before the new stream opener (first Saturday in June).

Sprague Lake (Adams/Lincoln County) - The trout daily limit of 8 was not adopted. The daily limit remains at the statewide standard of 5 fish.

Shye Lake (Grays Harbor County) - The season opener was changed to the first Saturday in June.

Skagit River (Skagit/Whatcom County) - The game fish season opener was changed to the first Saturday in June.

Skykomish River (Snohomish County) - The game fish season opener was changed to the first Saturday in June.

Sol Duc River (Clallam County) - The early season was adjusted to end just before the new stream opener (first Saturday in June).

Spokane River (Spokane County) - From upstream boundary at Plese Flats Day Use Area, upstream to Monroe Street Dam - The game fish season opener was changed to June 1.

Swan's Mill Pond (Stossel Creek) (King County) - The season opener was changed to the first Saturday in June.

Tilton River (Lewis County) - From mouth to West Fork - The salmon opener was changed to the first Saturday in June.

Washougal River (Clark County) - From mouth to Mt. Norway Bridge - The additional season was adjusted to end just before the new stream opener (first Saturday in June).

Williams Lake (Spokane County) - The trout daily limit of 8 was not adopted. The daily limit remains at the statewide standard of 5 fish.

Number of Sections Adopted in Order to Comply with Federal Statute: New 0, Amended 0, Repealed 0; Federal Rules or Standards: New 0, Amended 0, Repealed 0; or Recently Enacted State Statutes: New 0, Amended 0, Repealed 0.

Number of Sections Adopted at Request of a Nongovernmental Entity: New 0, Amended 0, Repealed 0.

Number of Sections Adopted on the Agency's Own Initiative: New 1, Amended 9, Repealed 0.

Number of Sections Adopted in Order to Clarify, Streamline, or Reform Agency Procedures: New 0, Amended 0, Repealed 0.

Number of Sections Adopted Using Negotiated Rule Making: New 0, Amended 0, Repealed 0; Pilot Rule Making: New 0, Amended 0, Repealed 0; or Other Alternative Rule Making: New 0, Amended 0, Repealed 0.

Date Adopted: February 6, 2009.

Susan Yeager
for Miranda Wecker, Chair
Fish and Wildlife Commission

NEW SECTION

WAC 220-16-880 Saltwater State Park Marine Preserve. "Saltwater State Park Marine Preserve" is defined as those waters, bedlands, and tidelands of Saltwater State Park within a line projected from the northernmost marker at the DNR high tide line through 122°19'39.02"W, 47°22'25.14"N; then to 122°19'44.14"W, 47°22'26.11"N; then to 122°19'45.91"W, 47°22'21.54"N; then to 122°19'40.86"W,

47°22'20.60"N; then to the southernmost marker on the shoreline and back along the high tide line to the northernmost marker.

AMENDATORY SECTION (Amending WSR 07-16-056, filed 7/26/07, effective 8/26/07)

WAC 220-20-100 General provisions—Marine protected areas. (1) It is unlawful to fish for or possess fish, shellfish, or wildlife taken from any conservation area defined in chapter 220-16 WAC.

(2) The following marine preserves are closed to the taking of fish, shellfish, and wildlife as indicated:

(a) The Admiralty Head Marine Preserve is closed to the taking of fish and wildlife, and closed to the taking of shellfish except sea cucumbers and sea urchins.

(b) The Colvos Passage Marine Preserve is closed to the taking of shellfish and wildlife, closed to all commercial harvest of fish, and closed to recreational harvest of fish except it is lawful to take salmon for personal use by trolling, defined as fishing from a vessel under power and in gear making forward progress.

(c) The San Juan Island Marine Preserve is closed to the taking of shellfish except it is lawful to take crab from Parks Bay, and closed to the taking of food fish other than salmon except it is lawful to take herring and Yellow and Low Island Preserve is closed to the taking of food fish.

(d) The Titlow Beach Marine Preserve is closed to the taking of shellfish and wildlife, closed to the commercial harvest of all fish, and closed to the recreational harvest of all fish except that it is lawful to take salmon if taken with artificial lures from shore or from a nonmotorized vessel.

(e) The Z's Reef Marine Preserve is closed to the taking of shellfish and wildlife, closed to the commercial harvest of all fish, and closed to the recreational harvest of all fish except that it is lawful to take salmon with fly fishing gear as defined in WAC 220-56-210.

(f) The Seattle city park Marine Preserves (Golden Gardens, Carkeek, Lincoln, Discovery, Emma Schmitz, and Richey Viewpoint) are closed to removal of organisms from the intertidal areas, except that finfish may be harvested using hook and line gear, provided it is lawful under other WDFW fishing regulations. Any organism except finfish taken by hook and line in the intertidal area must be placed unharmed in the location it was found. Removal of organisms of unclassified marine invertebrates in numbers less than the daily limits is an infraction. All other penalties for larger numbers removed apply.

(g) The Saltwater State Park Marine Preserve is closed to all recreational harvest.

AMENDATORY SECTION (Amending WSR 08-07-003, filed 3/5/08, effective 4/5/08)

WAC 220-56-100 Definitions—Personal-use fishing. The following definitions apply to personal use fishing in Titles 220 and 232 WAC:

(1) "Anadromous game fish" means steelhead, sea-run cutthroat trout, and sea-run Dolly Varden/bull trout.

(2) "Anti-snagging rule" means:

(a) Terminal fishing gear is limited to a lure or bait with one single point hook. When fishing from a floating device, up to two single point hooks may be used.

(b) Only single point hooks measuring not more than 3/4 inch from point to shank may be used and all hooks must be attached to or below the lure or bait.

(c) Weights may not be attached below or less than 12 inches above the lure or bait.

(3) "Bait" means any substance which attracts fish by scent or flavors. Bait includes any lure which uses scent or flavoring to attract fish.

~~((3))~~ (4) "Barbless hook" means a hook on which all barbs have been deleted when manufactured or filed off or pinched down.

~~((4))~~ (5) "Bass" means largemouth and smallmouth bass.

~~((5))~~ (6) "Bow and arrow fishing" means any method of taking, or attempting to take, fish by the use of an arrow equipped with a barbed head and a line attached, and propelled by a bow, as in the sport of archery, while the fisher is above the surface of the water.

~~((6))~~ (7) "Buoy 10 line" means a true north-south line projected through Buoy 10 at the mouth of the Columbia River. "Buoy 10 fishery" means a fishery between a line in the Columbia River from Tongue Point in Oregon to Rocky Point in Washington and the Buoy 10 line.

~~((7))~~ (8) "Channel Marker 13 line" means a true north-south line through Grays Harbor Channel Marker 13.

~~((8))~~ (9) "Daily limit" means the maximum number or pounds of fish, shellfish, or seaweed of the required size of a given species or aggregate of species which a person may retain in a single day.

~~((9))~~ (10) "Fresh" means fish or shellfish that are refrigerated, iced, salted, or surface glazed.

~~((10))~~ (11) "Freshwater area" means:

(a) Within any freshwater river, lake, stream or pond.

(b) On the bank or within 10 yards of any freshwater river, lake, stream or pond.

(c) On or within any boat launch, ramp, or parking facility associated with any freshwater river, lake, stream or pond.

~~((11))~~ (12) "Frozen" means fish or shellfish that are hard frozen throughout.

~~((12))~~ (13) "Gaffing" means an effort to take fish by impaling the fish with a hook attached directly to a pole or other device.

~~((13))~~ (14) "Hatchery" when used to describe the difference between a hatchery fish and a nonhatchery fish, except salmon, means a fish having a clipped adipose fin or a clipped ventral fin with a healed scar at the location of the clipped fin. A hatchery salmon is a salmon having a clipped adipose fin and a healed scar at the location of the clipped fin, regardless of whether the fish is missing a ventral fin.

~~((14))~~ (15) "Hook" means one single point, double or treble hook. A "single point hook" means a hook having only one point. A "double hook" means a hook having two points on a common shank. A "treble hook" means a hook having three points on a common shank.

~~((15))~~ (16) "Hook and line" or "angling" shall be identical in meaning and, except as provided in WAC 220-56-115, shall be defined as the use of not more than one line with

three hooks attached to a pole held in hand while landing fish, or the use of a hand operated line without rod or reel, to which may be attached not more than three hooks. When fishing for bottom fish, "angling" and "jigging" shall be identical in meaning.

((16)) (17) "In the field or in transit" means at any place other than at the ordinary residence of the harvester. An ordinary residence is a residential dwelling where a person normally lives, with associated features such as address, telephone number, utility account, etc. A motor home or camper parked at a campsite or a vessel are not considered to be an ordinary residence.

((17)) (18) "Juvenile" means a person under fifteen year of age.

((18)) (19) "Lure" means a manufactured article constructed of feathers, hair, fiber, wood, metal, glass, cork, leather, rubber or plastic which does not use scent or flavoring to attract fish. "Nonbuoyant lure" means a lure complete with hooks, swivels or other attachments, which does not float in freshwater.

((19)) (20) "Night closure" means closed to fishing from one hour after official sunset to one hour before official sunrise.

~~((20) "Nonbuoyant lure restriction" means nonbuoyant lures, defined as lures with hooks and attachments (eyes, swivels, etc.), that do not have enough buoyancy to float in freshwater, may have only one single hook measuring not more than 3/4 inch point to shank. No weights may be attached below or less than twelve inches above a buoyant lure defined as a lure with hooks and attachments that has enough buoyancy to float in freshwater, and all hooks must be attached to or no more than three inches below a buoyant lure or within three inches of bait or a nonbuoyant lure. No hook may be attached to the line above a buoyant lure.))~~

(21) "Possession limit" means the number of daily limits allowed to be retained in the field or in transit.

(22) "Processed" means fish or shellfish which have been processed by heat for human consumption as kippered, smoked, boiled, or canned.

(23) "Steelhead license year limit" means the maximum number of steelhead trout any one angler may retain from April 1st through the following March 31st.

(24) "Selective gear rules" means terminal fishing gear is limited to artificial flies with barbless single hooks or lures with barbless single hooks, bait is prohibited, and fishing from a floating device equipped with an internal combustion motor is prohibited unless otherwise provided. Up to three hooks may be used. Only knotless nets may be used to land fish. In waters under selective gear rules, fish may be released until the daily limit is retained.

(25) "Slough" means any swamp, marsh, bog, pond, side-channel, or backwater connected to a river by water. Waters called sloughs that are not connected to a river are considered lakes.

(26) "Snagging" means an effort to take fish with a hook and line in a manner that the fish does not take the hook or hooks voluntarily in its mouth.

(27) "Spearing" or "spear fishing" means an effort to take fish or shellfish by impaling the fish or shellfish on a shaft, arrow or other device.

(28) "Stationary gear restriction" means the line and weight and lure or bait must be moving while in the water. The line and weight and lure or bait may not be stationary.

(29) "Steelhead" means sea-run rainbow trout over twenty inches in length.

(30) "Unmarked salmon" means a salmon with intact adipose and ventral fins.

(31) "Trout" means brown trout, bull trout, cutthroat trout, Dolly Varden, Eastern brook trout, golden trout, grayling, Kokanee (silver trout), lake trout, rainbow trout, tiger trout, and, in WAC 232-28-619, salmon from waters designated as "landlocked salmon rules apply."

(32) "Whitefish gear rules" means terminal fishing gear is restricted to one single hook, maximum hook size three-sixteenths inch point to shank (hook size 14), and bait is allowed. All species: Release all fish except whitefish.

(33) "Wild" when used to describe the difference between a hatchery fish and a nonhatchery fish, except salmon, means a fish with all fins intact.

(34) "Wild" when used to describe a salmon (Chinook, coho, chum, pink or sockeye), means a salmon with an unclipped adipose fin, regardless of whether the fish is ventral fin-clipped. A salmon with a clipped adipose fin and a healed scar at the site of the clipped fin is not a wild salmon.

(35) "Wild cutthroat release" means it is unlawful to retain any cutthroat trout that does not have a clipped adipose fin and a healed scar at the location of the clipped fin.

(36) "Wild steelhead release" means it is unlawful to retain any steelhead that does not have a clipped adipose or ventral fin and a healed scar at the location of the clipped fin.

AMENDATORY SECTION (Amending Order 08-165, filed 7/3/08, effective 8/3/08)

WAC 220-56-105 River mouth definitions. When pertaining to angling, unless otherwise defined, any reference to the mouths of rivers or streams shall be construed to include those waters of any river or stream including sloughs and tributaries upstream and inside of a line projected between the outermost uplands at the mouth. The term "outermost upland" shall be construed to mean those lands not covered by water during an ordinary high tide. The following river mouths are hereby otherwise defined:

Abernathy Creek - Highway 4 Bridge.

Bear River - Highway 101 Bridge.

Bone River - Highway 101 Bridge.

Chambers Creek - Burlington Northern Railroad Bridge.

Chehalis River - Highway 101 Bridge in Aberdeen.

Chelan River - Railroad Bridge.

Cispus River - Posted markers at the Lewis County P.U.D. kayak launch, approximately 1.5 miles upstream from the confluence of the Cowlitz and Cispus rivers.

Cowlitz River - A line projected across the river between two fishing boundary markers set on each bank of the river approximately one-half mile downstream from the lowermost railroad bridge crossing the Cowlitz River.

Dakota Creek - A line from the outermost headland of the south bank to a house at 1285 Runge Avenue, Blaine, Washington, approximately one-quarter mile downstream from the Blaine Road Bridge.

Deschutes River - A line projected across the river 400 feet below the lower Tumwater Falls fish ladder.

Drano Lake - Highway 14 Bridge.

Duwamish River - First Avenue South Bridge.

Elk River - Highway 105 Bridge.

Entiat River - Highway 97 Bridge.

Hawk Creek (Lincoln County) - Falls at the Hawk Creek campground.

Hoquiam River - Highway 101 Bridge.

Humptulips River - Mouth of Jessie Slough.

Johns River - Highway 105 Bridge.

Kennedy Creek - An arc 500 yards east of the midpoint of the northbound Highway 101 Bridge.

Kettle River - Barstow Bridge.

Lake Washington Ship Canal - A line 400 feet west of the fish ladder at the Chittenden Locks.

Lewis River - A straight line running from a fishing boundary marker or from the outermost upland at the north shore of the Lewis River mouth, southerly across the Lewis River to a fishing boundary marker near the south shore.

McLane Creek - A line 100 feet upstream of and parallel to the southernmost Highway 101 Bridge.

Methow River - Highway 97 Bridge.

Naselle River - Highway 101 Bridge.

North Nemah River - Highway 101 Bridge.

Niawiakum River - Highway 101 Bridge.

Nisqually River - At the upstream end of Alder Lake, the mouth of the Nisqually River is the Highway 7 Bridge at Elbe.

North River - Highway 105 Bridge.

Palix River - Highway 101 Bridge.

Puyallup River - 11th Street Bridge.

Samish River - The Samish Island Bridge (Bayview-Edison Road).

Sammamish River - 68th Avenue NE Bridge.

Skagit River - A line projected from the terminus of the jetty with McGlinn Island to the white monument on the easterly end of Ika Island, then to a white monument on the westerly end of Craft Island, then to a white monument near the corner of the levee on the westerly side of Dry Slough, and then to a white monument on the easterly side of Tom Moore Slough.

Skamokawa Creek - Highway 4 Bridge.

Skookum Creek - A line 400 yards below the old railroad bridge.

Snohomish River - Burlington Northern Railway Bridges crossing main river and sloughs.

South Nemah River - Lynn Point 117 degrees true to the opposite shore.

Spokane River - State Route 25 Bridge.

Wallace River - The furthest downstream railroad bridge.

Washougal River - A straight line from the Crown Zellerbach pumphouse southeasterly across the Washougal River to the east end of the Highway 14 Bridge near the upper end of Lady Island.

Whatcom Creek - A line projected approximately 14 degrees true from the flashing light at the southwesterly end of the Port of Bellingham North Terminal to the southernmost point of the dike surrounding the Georgia Pacific treatment pond.

White Salmon River - Between markers on the east and west shores downstream of the Burlington Northern Railroad Bridge except when buoys are in place southerly from the shore to the buoys and east and west between the buoys.

Little White Salmon River - At boundary markers on river bank downstream from the Little White Salmon National Fish Hatchery.

Willapa River - City of South Bend boat launch.

Wind River - Boundary line markers at mouth.

Yakima River - Highway 240 Bridge.

AMENDATORY SECTION (Amending WSR 07-16-056, filed 7/26/07, effective 8/26/07)

WAC 220-56-122 Statewide bait rules. (1) It is unlawful to fish for sturgeon except with bait.

(2) It is unlawful to use lamprey as fishing bait, regardless of the source or species of lamprey.

(3) It is ~~((lawful))~~ acceptable to use bait in saltwater.

(4) It is unlawful to chum, broadcast, feed, or distribute into freshwater any bait or other substance capable of attracting fish unless specifically authorized in exceptions to statewide rules.

(5) When fishing for trout with bait, all trout that are lawful to possess and are equal to or greater than the minimum size are counted as part of the daily limit, whether kept or released, and it is unlawful to continue to fish once the daily limit has been achieved, except that steelhead trout may be caught and released until the daily limit is taken.

(6) It is unlawful to possess or use live ((fish)) aquatic animals as bait ((to fish for game fish)) in fresh water except:

(a) Live aquatic animals (other than fish) collected from the water being fished may be possessed or used as bait.
(b) Live sand shrimp may be possessed or used as bait.
(c) Live forage fish may be possessed or used as bait in the Columbia River downstream of a line projected from Rocky Point on the Washington bank through Red Buoy 44 to the navigation light at Tongue Point on the Oregon bank.

(7) Use of bait in violation of this section is an infraction, punishable under RCW 77.15.160.

(8) It is unlawful to possess fish taken with bait in violation of the provisions of this section. Possession of fish while using bait in violation of the provisions of this section is a

rebuttable presumption that the fish were taken with such bait. Violation of this subsection is punishable under RCW 77.15.380. Unlawful recreational fishing in the second degree—Penalty, unless the fish are taken in the amounts or manner to constitute a violation of RCW 77.15.370. Unlawful recreational fishing in the first degree—Penalty.

AMENDATORY SECTION (Amending WSR 08-07-003, filed 3/5/08, effective 4/5/08)

WAC 220-56-350 Clams other than razor clams, mussels—Areas and seasons. A person can take, dig for and possess clams and mussels taken for personal use on Puget Sound the entire year:

Except that public tidelands at the following beaches are closed unless otherwise provided:

(1) Ala Spit: (~~Open May 1 through May 31~~) Closed the entire year.

(2) Alki Park: Closed the entire year.

(3) Alki Point: Closed the entire year.

(4) Bay View State Park: Closed the entire year.

(5) Brown's Point Lighthouse: Closed the entire year.

(6) Cama Beach State Park: Closed the entire year.

(7) Camano Island State Park: Closed the entire year.

(8) Chuckanut Bay: Closed the entire year.

(9) Coupeville: Closed the entire year.

(10) Dash Point State Park: Closed the entire year.

(11) Dave Mackie County Park: Closed the entire year.

(12) Des Moines City Park: Closed the entire year.

(13) Discovery Park: Closed the entire year.

(14) DNR-79: Closed the entire year.

(15) DNR-85: Closed the entire year.

(16) DNR-142: Closed the entire year.

(17) DNR-144 (Sleeper): Closed the entire year.

(18) Dockton County Park: Closed the entire year.

(19) Dosewallips State Park: Open (~~April~~) March 1 through ((September 30)) October 31 only in area defined by boundary markers and signs posted on the beach.

(20) Dungeness Spit and Dungeness National Wildlife Refuge Tidelands - Open May 15 through September 30.

(21) Eagle Creek: Open July 1 through July 31.

(22) East San De FCA: Closed the entire year.

(23) Fort Flagler State Park including that portion of the spit west of the park boundary (Rat Island): Open (~~April 1~~) May 15 through ((June 15)) July 31.

(24) Fort Ward State Park: Closed the entire year.

(25) Freeland County Park: Closed the entire year.

(26) Frye Cove County Park(~~Open January 1 through May 15~~): Closed the entire year.

(27) Garrison Bay: Tidelands at Guss Island and those tidelands at British camp between the National Park Service dinghy dock at the north end and the park boundary at the south end are closed the entire year.

(28) Gertrude Island - All tidelands at Gertrude Island closed the entire year.

(29) Golden Gardens: Closed the entire year.

(30) Graveyard Spit: Closed the entire year.

(31) Harrington Beach: Closed the entire year.

(32) Hoodsport: Tidelands at Hoodsport Salmon Hatchery are closed the entire year.

(33) Hope Island State Park (South Puget Sound): Open April 1 through May 31.

(34) Howarth Park: Closed the entire year.

(35) Illahee State Park: Open April 1 through July 31.

(36) Kayak Point County Park: Closed the entire year.

(37) Kitsap Memorial State Park: Open May 15 through July 15.

(38) Kopachuck State Park: Open June 1 through July 31.

(39) Liberty Bay - All state-owned tidelands in Liberty Bay north and west of the Keyport Naval Supply Center are closed to the harvest of clams the entire year.

(40) Lincoln Park: Closed the entire year.

(41) Lions Park (Bremerton): Closed the entire year.

(42) Little Clam Bay: Closed the entire year.

(43) Lower Roto Vista Park: Closed the entire year.

(44) Manchester State Park: Closed the entire year.

(45) McNeil Island - All tidelands on McNeil Island are closed the entire year.

(46) Meadowdale County Park: Closed the entire year.

(47) Mee-Kwa-Mooks Park: Closed the entire year.

(48) Monroe Landing: Closed the entire year.

(49) Mukilteo State Park - Closed the entire year.

(50) Mystery Bay State Park: Open October 1 through April 30.

(51) Nisqually National Wildlife Refuge: Closed the entire year.

(52) North Beach County Park: Closed the entire year.

(53) North Fort Lewis: Closed the entire year.

(54) North Point Hudson: Closed the entire year.

(55) Northeast Cultus Bay: Closed the entire year.

(56) Oak Bay County Park: Open (~~July~~) June 1 through ((August)) July 31.

(57) Oak Harbor City Park: Closed the entire year.

(58) Old Man House State Park: Closed the entire year.

(59) Olympia Shoal: Closed the entire year.

(60) Oyster Reserves: Puget Sound and Willapa Bay state oyster reserves are closed the entire year except as follows:

(a) North Bay: State-owned oyster reserves open the entire year.

(b) Oakland Bay: Tidelands at the north end of Oakland Bay and on the channel of the northwest shore of the Bay-shore Peninsula between department markers open the entire year.

(c) Willapa Bay - Long Island oyster reserve: Northwest side of Long Island between reserve monuments 39 and 41 and southwest side of Long Island between reserve monuments 58 and 59.

(61) Penrose Point State Park: Open March 1 through May 31.

(62) Picnic Point County Park: Closed the entire year.

(63) Pitship Point: Closed the entire year.

(64) Pitt Island - All tidelands on Pitt Island are closed the entire year.

(65) Pleasant Harbor State Park: Closed the entire year.

(66) Point Whitney (excluding Point Whitney Lagoon): Open March 1 through (~~June 30~~) May 31.

(67) Point Whitney Lagoon: (~~Open July 1 through July 31~~) Closed.

- (68) Port Angeles Coast Guard: Closed the entire year.
- (69) Port Angeles Harbor: Closed the entire year.
- (70) Port Gardner: Closed the entire year.
- (71) Port Townsend Ship Canal/Portage Canal: Open January 1 through May 31.
- (72) Post Point: Closed the entire year.
- (73) Potlatch DNR tidelands: Open April 1 through August 31.
- (74) Potlatch East: Open April 1 through August 31.
- (75) Potlatch State Park: Open April 1 through August 31.
- (76) Priest Point County Park: Closed the entire year.
- (77) Purdy Spit County Park: The southern shore of the spit from the boat ramp to the bridge is closed the entire year.
- (78) Quilcene Bay Tidelands - All state-owned tidelands in Quilcene Bay north of a line drawn from the Quilcene Boat Haven to Fisherman's Point are closed to the harvest of clams the entire year, except those state-owned tidelands on the west side of the bay north of the Quilcene Boat Haven are open April 1 through December 31, daily from official sunrise to official sunset only.
- (79) Reid Harbor - South Beach: Closed the entire year.
- (80) Retsil: Closed the entire year.
- (81) Rendsland Creek: Open January 1 through June 30.
- (82) Richmond Beach Saltwater Park: Closed the entire year.
- (83) Saltwater State Park: Closed the entire year.
- (84) Samish Beach: Closed the entire year.
- (85) Scenic Beach State Park: Open April 15 through May 15.
- (86) Seahurst County Park: Closed the entire year.
- (87) Semiahmoo: Closed the entire year.
- (88) Semiahmoo County Park: Closed the entire year.
- (89) Sequim Bay State Park - Open May 1 through July 31.
- (90) Shine Tidelands State Park: Open January 1 through May 15.
- (91) Silverdale County Park: Closed the entire year.
- (92) Sinclair Inlet: Closed the entire year.
- (93) Skagit Wildlife Area: Closed the entire year.
- (94) South Carkeek Park: Closed the entire year.
- (95) South Dougall Point: Closed the entire year.
- (96) South Gordon Point: Closed the entire year.
- (97) South Indian Island County Park: Open April 1 through ~~((June 30))~~ May 31.
- (98) South Mukilteo Park: Closed the entire year.
- (99) South Oro Bay: Closed the entire year.
- (100) South Point Wilson (Port Townsend): Closed the entire year.
- (101) Southworth Ferry Dock: Closed the entire year.
- (102) Spencer Spit State Park: Open March 1 through July 31.
- (103) Suquamish (Old Man House): Closed the entire year.
- (104) Taylor Bay: Closed the entire year.
- (105) Triton Cove Tidelands: Open May 1 through September 30.
- (106) Twanoh State Park: Open August 1 through September 30.
- (107) Walker County Park: Closed the entire year.

(108) West Dewatto: DNR Beach 44A open August 1 through September 30.

(109) West Pass Access: Closed the entire year.

(110) Willapa Bay: State-owned tidelands east of the department Willapa Bay Field Station and Nahcotta Tidelands Interpretive Site are closed year-round.

(111) Wolfe Property State Park: Open January 1 through May 15.

(112) Woodard Bay: Closed the entire year.

It is lawful to take, dig for and possess clams, cockles, borers, and mussels, not including razor clams, taken for personal use in Grays Harbor and Willapa Harbor the entire year, except from state oyster reserves, which are closed to clam digging the entire year.

It is lawful to take, dig for and possess clams, cockles, borers, and mussels, not including razor clams taken for personal use from the Pacific Ocean beaches from November 1 through March 31.

AMENDATORY SECTION (Amending WSR 08-07-003, filed 3/5/08, effective 4/5/08)

WAC 220-56-380 Oysters—Areas and seasons. ~~((It is lawful to))~~ A person can take and possess oysters taken for personal use from public tidelands the entire year, except that public tidelands at the following beaches are closed unless otherwise provided:

- (1) Alki Park: Closed the entire year.
- (2) Alki Point: Closed the entire year.
- (3) Bangor: Closed the entire year.
- (4) Bay View State Park: Closed the entire year.
- (5) Brown Point (DNR 57-B): Closed the entire year.
- (6) Brown's Point Lighthouse: Closed the entire year.
- (7) Chuckanut: Closed the entire year.
- (8) Coupeville: Closed the entire year.
- (9) Cushman (Saltwater) Park: Open year-round.
- (10) Dash Point State Park: Closed the entire year.
- (11) Dave Mackie County Park: Closed the entire year.
- (12) Des Moines City Park: Closed the entire year.
- (13) Discovery Park: Closed the entire year.
- (14) DNR-79: Closed the entire year.
- (15) DNR-85: Closed the entire year.
- (16) DNR-142: Closed the entire year.
- (17) DNR 144 (Sleeper): Closed the entire year.
- (18) Dockton County Park: Closed the entire year.
- (19) East San De Fuca: Closed the entire year.
- (20) Fort Flagler State Park including that portion of the spit west of the park boundary (Rat Island): Open ~~((April 1))~~ May 15 through ((June 15)) July 31.
- (21) Fort Ward State Park: Closed the entire year.
- (22) Freeland County Park: Closed the entire year.
- (23) Frye Cove County Park: ~~((Open January 1 through May 15-))~~ Closed the entire year.
- (24) Golden Gardens: Closed the entire year.
- (25) Graveyard Spit: Closed the entire year.
- (26) Harrington Beach: Closed the entire year.
- (27) Hoodspout: Tidelands at the Hoodspout Salmon Hatchery are closed the entire year.
- (28) Hope Island State Park (South Puget Sound): Open April 1 through May 31.

- (29) Howarth Park: Closed the entire year.
- (30) Illahee State Park: Open April 1 through July 31.
- (31) Kitsap Memorial State Park: Open May 15 through August 15.
- (32) Kopachuck State Park: Open March 1 through July 31.
- (33) Liberty Bay - All state-owned tidelands in Liberty Bay north and west of the Keyport Naval Supply Center are closed to the harvest of oysters the entire year.
- (34) Lincoln Park: Closed the entire year.
- (35) Lions Park (Bremerton): Closed the entire year.
- (36) Little Clam Bay: Closed the entire year.
- (37) Lower Roto Vista Park: Closed the entire year.
- (38) Manchester State Park: Closed the entire year.
- (39) Meadowdale County Park: Closed the entire year.
- (40) Mee-Kwa-Mooks Park: Closed the entire year.
- (41) Monroe Landing: Closed the entire year.
- (42) Mukilteo State Park: Closed the entire year.
- (43) Mystery Bay State Park: Open October 1 through April 30.
- (44) Nisqually National Wildlife Refuge: Closed the entire year.
- (45) North Beach County Park: Closed the entire year.
- (46) North Fort Lewis: Closed the entire year.
- (47) North Point Hudson: Closed the entire year.
- (48) Northeast Cultus Bay: Closed the entire year.
- (49) Oak Bay County Park: Open (~~(July)~~) June 1 through (~~(August)~~) July 31.
- (50) Oak Harbor Beach Park: Closed the entire year.
- (51) Oak Harbor City Park: Closed the entire year.
- (52) Old Man House State Park: Closed the entire year.
- (53) Olympia Shoal: Closed the entire year.
- (54) Oyster Reserves: Puget Sound and Willapa Bay oyster reserves are closed the entire year except the following are open the entire year:
 - (a) Oakland Bay - Tidelands at the north end of Oakland Bay and on the channel of the northwest shore of the Bay-shore Peninsula between department markers - open the entire year.
 - (b) North Bay - State-owned reserves open the entire year.
 - (c) Willapa Bay - Long Island oyster reserve: Northwest side of Long Island between reserve monuments 39 and 41 and southwest side of Long Island between reserve monuments 58 and 59.
- (55) Penrose Point State Park: Open March 1 through May 31.
- (56) Picnic Point: Closed the entire year.
- (57) Pleasant Harbor State Park: Closed the entire year.
- (58) Port Angeles Coast Guard: Closed the entire year.
- (59) Port Angeles Harbor: Closed the entire year.
- (60) Port Gardner: Closed the entire year.
- (61) Port Townsend Ship Canal/Portage Canal: Open January 1 through May 31.
- (62) Post Point: Closed the entire year.
- (63) Potlatch DNR Tidelands: Open April 1 through August 31.
- (64) Potlatch East: Open April 1 through August 31.
- (65) Potlatch State Park: Open April 1 through August 31.

- (66) Priest Point County Park: Closed the entire year.
- (67) Quilcene Bay Tidelands - All state-owned tidelands in Quilcene Bay north of a line drawn from the Quilcene Boat Haven to Fisherman's Point are closed except those state-owned tidelands on the west side of the bay north of the Quilcene Boat Haven are open April 1 through December 31, daily from official sunrise to official sunset, only.
- (68) Reid Harbor - South Beach: Closed the entire year.
- (69) Retsil: Closed the entire year.
- (70) Richmond Beach Saltwater Park: Closed the entire year.
- (71) Saltwater State Park: Closed the entire year.
- (72) Samish Beach: Closed the entire year.
- (73) Seahurst County Park: Closed the entire year.
- (74) Scenic Beach State Park: Open April 15 through May 15.
- (75) Semiahmoo: Closed the entire year.
- (76) Semiahmoo County Park: Closed the entire year.
- (77) Shine Tidelands State Park: Open January 1 through May 15.
- (78) Silverdale County Park: Closed the entire year.
- (79) Sinclair Inlet: Closed the entire year.
- (80) Skagit Wildlife Area: Closed the entire year.
- (81) South Carkeek Park: Closed the entire year.
- (82) South Dougall Point: Closed the entire year.
- (83) South Gordon Point: Closed the entire year.
- (84) South Indian Island County Park: Open April 1 through (~~(June 30)~~) May 31.
- (85) South Mukilteo Park: Closed the entire year.
- (86) South Oro Bay: Closed the entire year.
- (87) South Point Wilson (Port Townsend): Closed the entire year.
- (88) Southworth Ferry Dock: Closed the entire year.
- (89) Suquamish (Old Man House): Closed the entire year.
- (90) Taylor Bay: Closed the entire year.
- (91) Walker County Park: Closed the entire year.
- (92) West Pass Access: Closed the entire year.
- (93) Willapa Bay: State-owned tidelands east of the department Willapa Bay Field Station and the Nahcotta Tidelands Interpretive Site are open only between boundary markers and posted signs.
- (94) Woodard Bay: Closed the entire year.
- (95) Wolfe Property State Park: Open January 1 through May 15.

AMENDATORY SECTION (Amending Order 08-165, filed 7/3/08, effective 8/3/08)

WAC 220-56-500 Game fish seasons. It is unlawful to fish for game fish except during open seasons or open time periods.

(1) Freshwater lakes, ponds and reservoirs: Open year round except as provided for in WAC 232-28-619.

(2) Freshwater rivers, streams and beaver ponds: Open the first Saturday in June ((+)) through October 31 except as provided for in WAC 232-28-619.

(3) Saltwater (all waters downstream and seaward of the mouths of rivers and streams generally defined in WAC 220-

16-245 and specifically defined in WAC 220-56-105): Open year-round, except:

(a) Lake Washington Ship Canal - Those waters of Area 10 west of the Lake Washington Ship Canal to a north-south line 175 feet west of the Burlington-Northern Railroad Bridge are closed waters.

(b) Toliva Shoal - Waters within 500 yards of the Toliva Shoal buoy are closed waters from June 16 through April 30.

(c) Freshwater Bay - Waters south of a line from Angeles Point westerly to Observatory Point are closed July 1 through August 31.

(d) Tulalip Bay - Waters of Tulalip Bay east of a line from Hermosa Point to Mission Point are closed waters.

(e) Agate Pass - Waters of Catch Record Card Area 10 west of a line from Point Monroe to Indianola and east of a line from Point Bolin to Battle Point are closed to game fish angling from January 1 through March 31; except a person can fish with gear meeting the fly-fishing-only requirements of WAC 220-56-210, as long as he or she does not use lead-core fly line. Use of gear other than fly-fishing gear or use of a lead core line in violation of this subsection is an infraction, punishable under RCW 77.15.160. It is unlawful to retain any fish taken during the period January 1 through March 31.

AMENDATORY SECTION (Amending WSR 08-07-003, filed 3/5/08, effective 4/5/08)

WAC 232-12-168 Fishing contests. (1) Contest defined: By definition, a fishing contest exists when 6 or more licensed persons fish competitively and determine winners, regardless of prize value.

(2) Application:

(a) Fishing contest permit applications should be submitted to the department by ~~((November))~~ July 1 of each year for contests that are to take place the following calendar year. After ~~((November))~~ July 1, applications must be submitted not less than 30 days prior to the date for which the contest is proposed.

(b) Applications must include the permit fee required by RCW 77.65.480. The fee will be returned if the permit is denied. No more than seven permits will be issued to any one permittee during a calendar year. The fee is \$24 per permit.

(c) For purposes of application for a fishing contest permit, "permittee" means a "person" as defined in RCW 77.08.-010. All applications from a permittee must be in a single name.

(3) Approval:

(a) Fishing contests which adversely affect fish or wild-life resources or other recreational opportunity may be denied.

(b) Contests will not be allowed on sea-run cutthroat trout, wild steelhead, Dolly Varden or bull trout.

(c) During fishing contests, where anglers target tiger muskies, no retention of caught fish is allowed. Tiger muskies may be caught, measured for length, photographed and all fish must be immediately released alive.

(4) Prize value: Total prize value per contest will not exceed \$5,000 when trout, steelhead, char, whitefish, grayling, tiger muskie, or kokanee are included as target species; provided that contests wherein other species not listed above

are targeted, or where bass or walleye are the targeted species and at least 90 percent of bass or walleye are released alive and in good condition after the contest, may qualify for no limitation on amount of prize.

(5) Legal requirements, all contests:

(a) Fishing contest permits must be in the possession of the contest sponsor or official at the contest site.

(b) Contests are restricted to the species and waters approved on the permit. Only those species listed as a target of the contest may be retained by contest participants during bass or walleye contests where all contestants fish at the same time and place.

(c) Sponsors must report contest information requested by the department within 30 days after the contest has ended. Subsequent contest permits will not be issued for one year after the date of the contest for which the report was not returned if this requirement is not fulfilled.

(d) Contest participants may not restrict public access at boat launches.

(e) Contests for bass and walleye where participants expect to fish at the same time from boats on lakes or reservoirs will not last longer than ~~((three))~~ four consecutive days and have the following limits per water:

ACRES	BOATS PER CONTEST	
	CONTESTS PER DAY	CONTEST DAY
Less than 300	1	15
301 - 3,000	1	35
3,001 - 6,000	2	75
6,001 - 10,000	2	120
More than 10,000	3	250

* No more than four weekend days per month nor more than two weekends per month may be scheduled on any water when contestants fish at the same time, and are allowed to fish from boats.

(f) It is unlawful for the fishing contest permittee or any of the contest participants to fail to comply with the conditions of the fishing contest permit, or of general fishing rules not specifically exempted by this permit. Failure of the permittee or any of the contestants to comply with all provisions of the contest permit or of other fishing regulations during a contest may lead to revocation of the permit and result in denial of fishing contest permits to the permittee and related organizations or individuals sponsoring contests for two years.

(6) Special regulations, bass and walleye contests:

(a) In any contest targeting either bass or walleye, all live bass or walleye must be released alive into the water from which they were caught after being weighed and/or measured. At the end of each day's competition, if the mortality of target fish caught that day exceeds 10%, the contest will be suspended. Suspended contests may be continued (within assigned permit dates) only if the cause of the high mortality can be positively identified, and the cause of the mortality (high waves, equipment deficiency, etc.) ceases or is corrected by contest officials.

(b) During bass and walleye contests only, participants may continue to fish while holding up to five fish in possession, as long as one fish is released immediately upon catching a fish which would make the angler in excess of five fish if kept. The fish released may come either from the one just caught, or from the livewell, but at no time may the angler have more than five fish in the livewell.

(c) During bass contests, contestants may not use live bait.

(d) During bass and walleye contests participants may retain up to five bass and walleye of any size to be weighed in. A tournament angler may not be in possession of more than five bass or walleye from the water being fished, except as authorized under (6)(e) below.

(e) The contest director or director designee may exceed possession limits for bass or walleye for the purpose of transporting fish from a weigh-in site to an open-water area. During transportation, the transport boat must not leave the water the fish were caught from and a copy of the contest permit must be on board during actual fish transport.

(f) Boat identification: All boats used for fishing in bass and walleye contests must be clearly identified according to criteria established by the department.

(7) Aquatic invasive species decontamination. Prior to launching into any Washington state body of water:

(a) All contest participants are required to sign an aquatic invasive species decontamination statement that their boats and/or boat trailers have or have not been in physical contact with any waters outside of Washington state for thirty days immediately preceding the contest and, if the boat and/or trailer has been in contact with such waters, the participant must complete an aquatic invasive species decontamination report indicating that the following actions have been taken:

(i) A physical inspection has been made of the hull, motor, trailer, livewell and bilge by the contest director or designee, according to criteria established by the department; and

(ii) Any aquatic invasive species, if found, have been disposed of in a garbage container; and

(iii) The hull, motor, trailer, livewell, and bilge have been decontaminated according to criteria established by the department.

(b) The aquatic invasive species decontamination statement and decontamination report shall be submitted to the department as part of the fishing contest report.

AMENDATORY SECTION (Amending Order 08-165, filed 7/3/08, effective 8/3/08)

WAC 232-28-619 Washington food fish and game fish—Freshwater exceptions to statewide rules. (1) All freshwater streams and lakes not listed as open for salmon fishing are closed.

(2) Freshwater terminal gear restrictions: In all waters with freshwater terminal gear restrictions, including, but not limited to, selective gear rules, whitefish gear rules, single point barbless hooks required, fly-fishing only, and ~~((non-buoyant lure restrictions))~~ anti-snagging rules, violation of the gear rules is an infraction, punishable under RCW 77.15.160. It is unlawful to possess fish taken with gear in

violation of the freshwater terminal gear restrictions. Possession of fish while using gear in violation of the freshwater terminal gear restrictions is a rebuttable presumption that the fish were taken with such gear. Possession of such fish is punishable under RCW 77.15.380 Unlawful recreational fishing in the second degree, unless the fish are taken in the amounts or manner to constitute a violation of RCW 77.15.-370 Unlawful recreational fishing in the first degree.

(3) County freshwater exceptions to statewide rules:

(a) Adams and Grant counties: All seasons in specific freshwater exceptions to statewide rules apply to inlet and outlet streams of named lakes in Grant and Adams counties.

(b) Adams, Douglas, Franklin, Grant, and Okanogan counties, except Zosel Dam (Okanogan River): Lawful to fish to base of all dams.

(c) Benton County: Rivers, streams and beaver ponds open year around.

(d) Ferry and Lincoln counties: Except those tributaries listed under specific water exceptions to statewide rules, all tributaries to Lake Roosevelt between Grand Coulee Dam and the State Highway 25 Bridge at Northport except Barnaby and Nancy creeks: Saturday before Memorial Day through October 31 season. Trout: Daily limit 5, no minimum size.

(e) Kitsap County and Mason County on Tahuya Peninsula west of Belfair-Bremerton Highway (S.R. 3): Beaver ponds: Last Saturday in April through October 31 season. Trout: No minimum length.

(4) Specific freshwater exceptions to statewide rules:

Aberdeen Lake (Grays Harbor County): Last Saturday in April through October 31 season. Trout: No more than two over 15 inches in length may be retained per day.

Abernathy Creek (Cowlitz County):

From mouth to a point five hundred feet downstream from salmon hatchery: ~~((June 1))~~ The first Saturday in June through August 31 and November 1 through March 15 season. Trout: Release all fish except up to two hatchery steelhead may be retained per day.

From Abernathy Falls to posted markers five hundred feet downstream from salmon hatchery: Closed waters.

Aeneas Lake (Okanogan County): Last Saturday in April through October 31 season. Fly fishing only. Fishing from a floating device equipped with a motor prohibited. Trout: Daily limit one.

Ahtanum Creek, including North and Middle Forks (Yakima County): Selective gear rules. North Fork from Grey Rock Trailhead Bridge crossing to Shellneck Creek: Closed waters.

Alder Creek (Cowlitz County): Closed waters.

Aldrich Lake (Mason County): Last Saturday in April through October 31 season.

Aldwell Lake (Clallam County): Last Saturday in April through October 31 season. Selective gear rules except fishing from a floating device equipped with an internal combustion motor permitted. Trout: Daily limit two, minimum length twelve inches.

Alexander Lake (Kitsap County): Closed waters.

Alkali Lake (Grant County): Crappie: Not more than five greater than eight inches in length. Bluegill: Not more than five greater than six inches in length.

Alta Lake (Okanogan County): Last Saturday in April through September 30 season.

Amber Lake (Spokane County): Last Saturday in April through September 30 season. Selective gear rules. Trout: Daily limit two, minimum length fourteen inches; release rainbow trout with a clipped adipose fin and a healed scar at the site of the clipped fin. Additional season October 1 through November 30 and March 1 through Friday before last Saturday in April. Selective gear rules. All species: Release all fish.

American Lake (Pierce County): Chumming permitted.

American River (Yakima County): Closed waters: From Highway 410 Bridge at river mile 5.4 to the Mesatchee Creek Trail crossing at river mile 15.8 July 16 through September 15. Selective gear rules.

Anderson Lake (Jefferson County): Last Saturday in April through October 31 season. Fishing from a floating device equipped with an internal combustion motor prohibited. From September 1 through October 31, selective gear rules and trout: Release trout.

Armstrong Lake (Snohomish County): Last Saturday in April through October 31 season.

Asotin Creek, mainstem and forks (Asotin County): Closed to fishing for steelhead.

From SR 129 Bridge upstream to the forks: Lawful to fish up to base of Headgate Dam.

North Fork from mouth upstream to USFS boundary: Selective gear rules.

North Fork from USFS boundary upstream and all other tributaries: Closed waters.

South Fork and tributaries: Closed waters.

B.C. Mill Pond (Stevens County): Last Saturday in April through October 31 season.

Bachelor Creek (Yakima County): Year around season. Trout: Daily limit five, no minimum length.

Badger Lake (Spokane County): Last Saturday in April through September 30 season.

Baker Lake (Whatcom County): Last Saturday in April through October 31 season, except closed waters in an area two hundred feet in radius around the pump discharge at the south end of the lake. Chumming permitted. Trout: Minimum length six inches and maximum length eighteen inches.

Baker River (Skagit County): Mouth to Highway 20 Bridge: September 1 through October 31 season. ~~((Nonbuoyant lure restriction))~~ Anti-snagging rule and night closure. Trout: Minimum length fourteen inches, except Dolly Varden/Bull Trout. Legal to retain Dolly Varden/Bull Trout as part of the trout daily limit, minimum length twenty inches. Salmon: Open only June 14 through July 31 except closed 12:01 a.m.

June 30 through 2:00 p.m. July 2 and 12:01 a.m. July 9 through 2:00 p.m. July 11. ~~((Nonbuoyant lure restriction))~~ Anti-snagging rule and night closure. Daily limit 2 sockeye salmon.

Highway 20 Bridge to Baker River fish barrier dam: Closed waters except for salmon. Salmon: Open only June 14 through July 31 from Highway 20 Bridge upstream 250 feet. Daily limit 2 sockeye salmon. ~~((Nonbuoyant lure restriction))~~ Anti-snagging rule and night closure.

Banks Lake (Grant County): Chumming allowed. Perch: Daily limit twenty-five. Crappie: Daily limit 10, minimum size 9 inches in length.

Barnaby Slough (Skagit County): Closed waters.

Battle Ground Lake (Clark County): Fishing from a floating device equipped with an internal combustion motor prohibited. Trout: No more than 2 trout 20 inches or greater in length may be retained.

Bay Lake (Pierce County): Last Saturday in April through October 31 season.

Bayley Lake (Stevens County): Last Saturday in April through July 4 season. Fly fishing only. Fishing from a floating device equipped with a motor prohibited. Trout: Daily limit one, minimum length fourteen inches. Additional season, July 5 through October 31. Fly fishing only. Fishing from a floating device equipped with a motor prohibited. All species: Release all fish. Inlet stream: Closed waters.

Bear Creek (Yakima County), tributary to South Fork Tieton River: From the mouth to the falls (approximately 3/4 mile): Closed waters.

Bear Lake (Spokane County): Juveniles, holders of disability licenses, and licensed adults accompanied by a juvenile only.

Bear River (Pacific County): ~~((June 1))~~ The first Saturday in June through March 31 season. ~~((Nonbuoyant lure restriction))~~ Anti-snagging rule and night closure August 16 through November 30. Single point barbless hooks required August 16 through November 30 downstream from the Lime Quarry Road. All species: Release all fish except salmon and except up to two hatchery steelhead may be retained each day. From the Lime Quarry Road to the Longview Fiber Bridge: Selective gear rules ~~((June 1))~~ the first Saturday in June through March 31. All species: Release all fish except up to two hatchery steelhead may be retained each day. Salmon: Open only September 1 through November 30 from mouth to Lime Quarry Road. Daily limit 6 fish of which no more than 2 may be adult fish and of these two fish no more than one may be a wild adult coho. Release adult Chinook. Upstream of Longview Fiber Bridge: Closed waters.

Beaver Creek (tributary to Elochoman River) (Wahkiakum County): Closed waters.

Beaver Lake (Clallam County): Selective gear rules. Trout: Maximum size 12 inches in length.

Beaver Lake (Columbia County): March 1 through October 31 season. Fishing from any floating device prohibited.

Beda Lake (Grant County): Selective gear rules. Trout: Daily limit one fish.

Beehive (Lake) Reservoir (Chelan County): Last Saturday in April through October 31 season. July 5 through October 31, selective gear rules, and all species: Release all fish.

Bennington Lake (Mill Creek Reservoir) (Walla Walla County): Fishing from a floating device equipped with an internal combustion motor prohibited. Trout: No more than 2 trout over 13 inches in length may be retained.

Benson Lake (Mason County): Last Saturday in April through October 31 season.

Berry Creek (tributary to Nisqually River) (Lewis County): Selective gear rules.

Big Bear Creek (tributary of Sammamish River) (Snohomish/King counties): ~~((June 1))~~ The first Saturday in June through August 31 season. Juveniles only.

Big Beaver Creek (Whatcom County):

From closed water markers on Ross Lake upstream one-quarter mile: Closed waters.

From one-quarter mile markers upstream, including tributary streams, and beaver ponds that are tributary to Big Beaver Creek: July 1 through October 31 season. Selective gear rules. All species: Release all fish.

Big Beef Creek (Kitsap County): ~~((June 1))~~ The first Saturday in June through August 31 season. Closed waters August 1 through August 31: Waters within 100 feet of the Seabeck Highway NW Bridge. Selective gear rules. All species: Release all fish.

Big Four Lake (Columbia County): March 1 through October 31 season. Fly fishing only. Fishing from any floating device prohibited. Trout: Daily limit two.

Big Lake (Skagit County): Crappie: Daily limit ten, minimum length nine inches. Salmon: Landlocked salmon rules apply.

Big Meadow Lake (Pend Oreille County): Last Saturday in April through October 31 season.

Big Quilcene River (Jefferson County):

From mouth to upper boundary of Falls View Campground: ~~((June 1 through October 31 season and))~~ All game fish: Release all fish. From mouth to Rodgers Street selective gear rules ~~((June 1))~~ the first Saturday in June through August 15 and closed waters August 16 through October 31. Rodgers Street to the Highway 101 Bridge: Selective gear rules ~~((June 1))~~ the first Saturday in June through August 15, one single point barbless hook August 16 through October 31, and night closure August 16 through October 31. From electric weir to upper boundary of Falls View Campground: Selective gear rules. Salmon: Open only August 16 through October 31 from Rodgers Street to the Highway 101 Bridge. Daily limit 4 coho salmon. Only coho salmon hooked inside the mouth may be retained.

From Highway 101 Bridge upstream to the electric weir at the Quilcene National Fish Hatchery: Closed waters.

Big River (Clallam County): ~~((June 1))~~ The first Saturday in June through last day in February season. Selective gear rules. Trout: Minimum length fourteen inches.

Big Tiffany Lake (Okanogan County): Trout: Eastern brook trout not counted in daily trout limit. Eastern brook trout daily limit ten. Release all cutthroat.

Big Twin Lake (Okanogan County): Last Saturday in April through October 31 season. Selective gear rules. Trout: Daily limit one.

Bird Creek (Klickitat County): Trout: Daily limit five.

Black Lake (Okanogan County): Selective gear rules.

Black Lake (Pacific County): Last Saturday in April through October 31 season.

Black Lake (Stevens County): Last Saturday in April through October 31 season.

Black Lake (Thurston County): Crappie: Daily limit ten, minimum length nine inches.

Black River (Thurston County), from mouth to Black Lake and including all tributaries west of Interstate Highway 5, including Waddell Creek, Mima Creek, Dempsey Creek, Beaver Creek, Salmon Creek and Blooms Ditch: Selective gear rules. Trout: Minimum length fourteen inches.

Blockhouse Creek (Klickitat County): Trout: Daily limit five.

Bloodgood Creek (Klickitat County): Trout: Daily limit five.

Blue Creek (Lewis County), from mouth to Spencer Road: Closed waters except December 1 through December 31 season from mouth to posted sign at rearing pond outlet. Closed waters: Upstream from cable crossing to posted signs at fence. ~~((Nonbuoyant lure restriction))~~ Anti-snagging rule and night closure. Only anglers who permanently use a wheelchair may fish from posted signs above rearing pond to posted signs approximately 40 feet downstream at fence including the rearing pond outlet. Trout: Daily limit five. Minimum size 12 inches no more than two fish over 20 inches. Release wild cutthroat, wild steelhead and hatchery steelhead with clipped right ventral fin.

Blue Lake (Columbia County): March 1 through October 31 season. Fishing from any floating device prohibited. Trout: No more than 2 trout over 13 inches in length may be retained.

Blue Lake (Cowlitz County): Last Saturday in April through October 31 season. Selective gear rules. All species: Release all fish.

Blue Lake (Grant County): Last Saturday in April through September 30 season.

Blue Lake (near Sinlahekin) (Okanogan County): Last Saturday in April through October 31 season. Selective gear rules. Trout: Daily limit one.

Blue Lake (near Wannacut Lake) (Okanogan County): Last Saturday in April through October 31 season. Selective gear rules. Trout: Daily limit one.

Bobcat Creek and Ponds (Adams County): April 1 through September 30 season.

Bogachiel River (Clallam County), from mouth to Olympic National Park boundary: ~~((June 1))~~ The first Saturday in June through April 30 season. December 1 through April 30, selective gear rules from Highway 101 to Olympic National Park boundary. Trout: Minimum length fourteen inches. November 1 through last day in February, daily limit three steelhead downstream from Highway 101 Bridge. December 1 through April 30, mouth to Highway 101, one wild steelhead per day may be retained. Salmon: Open only July 1 through November 30 from mouth to Highway 101 Bridge. Daily limit 6 fish of which no more than 2 may be adult salmon July 1 through August 31 and of which no more than 3 may be adult salmon September 1 through November 30. July 1 through August 31 release wild adult coho and wild adult Chinook. September 1 through October 31 the daily limit may contain no more than 2 adult Chinook, release wild adult coho, and selective gear rules. November 1 through November 30 the daily limit may contain no more than 2 adult Chinook or 2 adult wild coho or a combination of adult Chinook and adult wild coho.

Bonaparte Lake (Okanogan County): Trout: No more than one over twenty inches in length may be retained.

Bosworth Lake (Snohomish County): Last Saturday in April through October 31 season.

Boulder Creek and tributaries (Okanogan County): Trout: Eastern brook trout not counted in daily trout limit. Eastern brook trout daily limit ten, no minimum size. Release all cut-throat.

Boundary Creek (Clallam County): Closed waters.

Bowman Creek (Klickitat County): Trout: Daily limit five.

Box Canyon Creek (Kittitas County), from mouth to waterfall approximately 2 miles upstream (including the portion flowing through the dry lakebed): Closed waters. From waterfall approximately 2 miles upstream of mouth to USFS Road #4930 Bridge: Selective gear rules.

Boxley Creek (North Bend) (King County), from its mouth to the falls located at approximately river mile 0.9: Closed waters.

Boyle Lake (King County): Last Saturday in April through October 31 season. The inlet and outlet streams to Boyle Lake are closed waters.

Bradley Lake (Pierce County): Salmon: Landlocked salmon rules apply. May 15 through the last day of Free Fishing Weekend (as defined in WAC 220-55-160): Juveniles only.

Bridges Lake (King County): Last Saturday in April through October 31 season. The inlet and outlet streams to Bridges Lake are closed waters.

Brookies Lake (Grant County): Selective gear rules. Trout: Daily limit one fish.

Browns Creek (Pend Oreille County): Fly fishing only.

Browns Lake (Pend Oreille County): Last Saturday in April through October 31 season. Fly fishing only. Fishing from a floating device equipped with a motor prohibited. Trout: No more than one fish greater than 11 inches in length may be retained.

Buck Lake (Kitsap County): Last Saturday in April through October 31 season.

Buckskin Creek and tributaries (Yakima County), from mouth to the west boundary of Suntides Golf Course: Closed waters.

Bumping Lake (Reservoir) (Yakima County): Chumming permitted. Trout: Kokanee not counted in daily trout limit. Kokanee daily limit sixteen.

Bumping River (Yakima County):

From mouth to Bumping Reservoir: Lawful to fish to base of Bumping Dam. Selective gear rules ~~((June 1))~~ the first Saturday in June through October 31. Whitefish: Additional December 1 through March 31 season. Whitefish gear rules apply.

Burbank Slough (Walla Walla County): Fishing from any floating device prohibited.

Burke Lake (Grant County): March 1 through July 31 season.

Burley Creek (Kitsap County): ~~((June 1 through October 31 season))~~ Trout: Minimum length fourteen inches.

Butter Creek (Lewis County): Selective gear rules. Trout: Minimum length ten inches.

Buttermilk Creek, mouth to confluence of East and West Forks (Okanogan County): Closed waters.

Cady Lake (Mason County): Fly fishing only. Fishing from a floating device equipped with an internal combustion motor prohibited. All species: Release all fish.

Cain Lake (Whatcom County): Last Saturday in April through October 31 season.

Calawah River (Clallam County), from mouth to forks: ~~((June 1))~~ The first Saturday in June through April 30 season. December 1 through April 30, selective gear rules from Highway 101 to forks. Trout: Minimum length fourteen inches. November 1 through last day in February, daily limit three steelhead from mouth to Highway 101 Bridge. December 1 through April 30, mouth to Highway 101, one wild steelhead per day may be retained. Salmon: Open only July 1 through November 30 from mouth to Highway 101 Bridge. Daily limit 6 fish of which no more than 2 may be adult salmon July 1 through August 31 and of which no more than 3 may be adult salmon September 1 through November 30. July 1 through August 31 release wild adult coho and wild adult Chinook. September 1 through October 31 the daily limit may contain no more than 2 adult Chinook, release wild adult coho, and selective gear rules. November 1 through Novem-

ber 30 the daily limit may contain no more than 2 adult Chinook or 2 adult wild coho or a combination of adult Chinook and adult wild coho.

Calawah River, South Fork (Clallam County) from mouth to Olympic National Park boundary: ~~((June 1))~~ The first Saturday in June through last day in February season. December 1 through last day in February, selective gear rules. Trout: Minimum length fourteen inches.

Caldwell Lake (Pend Oreille County): Last Saturday in April through October 31 season. Fishing from a floating device equipped with an internal combustion motor prohibited. Trout: Daily limit two, minimum length twelve inches.

Caliche Lakes, Lower, Upper and West (Grant County): March 1 through July 31 season.

Calispell Creek (Calispell River) (Pend Oreille County):

From mouth to Calispell Lake: Year around season.

From Calispell Lake upstream to source: Selective gear rules.

Calispell Creek and tributaries: Trout: Eastern brook trout not counted in daily trout limit. Eastern brook trout daily limit ten. Once the daily limit of trout other than eastern brook trout has been achieved, the entire daily limit for trout other than eastern brook trout and eastern brook trout has been taken.

Calligan Lake (King County): June 1 through October 31 season. All tributary streams, and the upper third of the outlet are closed waters.

Camas Slough: Waters of the Columbia River downstream from the mouth of the Washougal River, north of Lady Island, and downstream of the Highway 14 Bridge at the upstream end of Lady Island. Season: Open when the adjacent mainstem Columbia or Washougal rivers are open to fishing for salmon. Daily limit same as most liberal regulation of either area.

Campbell Creek (Mason County): Closed waters.

Campbell Lake (Okanogan County): April 1 through August 31: Selective gear rules and all species: Release all fish.

Campbell Lake (Skagit County): Crappie: Daily limit ten, minimum length nine inches.

Canyon Creek (Clark County): Trout: Daily limit five.

Canyon River (Mason County and Grays Harbor County): Closed waters.

Canyon Creek (S.F. Stillaguamish River) (Snohomish County), mouth to forks: ~~((June 1))~~ The first Saturday in June through last day in February season. Trout: Minimum length fourteen inches.

Canyon Creek (Whatcom County): Closed waters: Mouth to Canyon Creek Road Bridge.

Capitol Lake (Thurston County), from its outlet to a point four hundred feet below the lowest Tumwater Falls (Deschutes River) fish ladder: Closed waters: Percival Cove, west of a set of markers on the western shoreline of the south

basin of Capitol Lake. ~~((June 1))~~ The first Saturday in June through March 31 season. ~~((Nonbuoyant lure restriction))~~ Anti-snagging rule and night closure August 1 through November 30. Trout: ~~((June 1))~~ The first Saturday in June through July 31 daily limit five, minimum length eight inches. August 1 through March 31 daily limit two, minimum length fourteen inches. Salmon: Open only July 1 through October 15. Daily limit 6 fish of which no more than 2 may be adult salmon. Release coho.

Carbon River (Pierce County), from its mouth to Voight Creek: September 1 through last day in February season. ~~((Nonbuoyant lure restriction))~~ Anti-snagging rule, night closure and single point barbless hooks September 1 through November 30. Trout: Minimum length fourteen inches. Voight Creek to Highway 162 Bridge: July 1 through August 15 and December 1 through last day in February season: Trout: Minimum length 14 inches. Salmon: Open only September 1 through November 30 mouth to Voight Creek. Daily limit 6 fish of which no more than 4 may be adult salmon and of these 4 fish no more than 2 may be adult hatchery Chinook. Release chum and wild adult Chinook salmon.

Carlisle Lake (Lewis County): Last Saturday in April through last day in February season. Fishing from a floating device equipped with an internal combustion motor prohibited. Salmon: Landlocked salmon rules apply.

Carl's Lake (Pend Oreille County): Last Saturday in April through October 31 season.

Carney Lake (Pierce County): Last Saturday in April through June 30 and September 1 through November 30 seasons. Fishing from a floating device equipped with an internal combustion motor prohibited. Salmon: Landlocked salmon rules apply.

Carson Lake (Mason County): Last Saturday in April through October 31 season.

Cascade Lake (Grant County): March 1 through July 31 season.

Cascade Lake (San Juan County): Last Saturday in April through October 31 season.

Cascade River (Skagit County):

From the mouth to the Rockport-Cascade Road Bridge: ~~((October 1))~~ June 1 through July 15 and September 16 through last day in February season. ~~((Nonbuoyant lure restriction))~~ All species: Anti-snagging rule and night closure June 1 through July 15 and September 16 through November 30. Trout: Trout except Dolly Varden/Bull Trout, minimum length fourteen inches. Legal to retain Dolly Varden/Bull Trout as part of the trout daily limit, minimum length twenty inches. Salmon: Open June 1 through July 15. ~~((Nonbuoyant lure restriction and night closure.))~~ Daily limit 4 hatchery Chinook, of which no more than 2 may be adult hatchery Chinook. Open September 16 through November 30. Daily limit 4 coho salmon.

From the Rockport-Cascade Road Bridge upstream: ~~((June 1))~~ The first Saturday in June through last day in February season. Selective gear rules. All species: Release all

fish except up to two hatchery steelhead may be retained per day.

Cases Pond (Pacific County): Last Saturday in April through November 30 season. Juveniles only. Salmon: Landlocked salmon rules apply.

Cassidy Lake (Snohomish County): Crappie: Daily limit ten, minimum length nine inches.

Castle Lake (Cowlitz County): Selective gear rules. Trout: Daily limit one, minimum length sixteen inches.

Cattail Lake (Grant County): April 1 through September 30 season.

Cavanaugh Lake (Skagit County): Chumming permitted.

Cedar Creek (tributary of N.F. Lewis) (Clark County), from mouth to 100 feet upstream of the falls: From the Grist Mill Bridge to 100 feet upstream of the falls: Closed waters. ~~((June 1))~~ The first Saturday in June through March 15 season. Trout: Release all fish except up to two hatchery steelhead may be retained per day.

Cedar Creek (Jefferson County): ~~((June 1))~~ The first Saturday in June through last day in February season. Selective gear rules. Trout: Minimum length fourteen inches.

Cedar Creek (Okanogan County), from mouth to Cedar Falls: Closed waters.

Cedar Creek and tributaries (Pend Oreille County): Trout: Eastern brook trout not counted in daily trout limit. Eastern brook trout daily limit ten. Once the daily limit of trout other than eastern brook trout has been achieved, the entire daily limit for trout other than eastern brook trout and eastern brook trout has been taken.

Cedar Lake (Stevens County): Last Saturday in April through October 31 season.

Cedar River (King County), from mouth to Landsburg Road: ~~((June 1))~~ The first Saturday in June through August 31 season. Selective gear rules and night closure. Trout: Release all trout. Landsburg Road to Cedar Falls: Closed waters.

Cedar River (Pacific County): Selective gear rules. All species: Release all fish except up to two hatchery steelhead per day may be retained.

Chain Lake (Pend Oreille County): Last Saturday in April through October 31 season. Release kokanee.

Chambers Creek (Pierce County): July 1 through November 15 season. All species: Selective gear rules and night closure ~~((and nonbuoyant lure restriction))~~. Trout: Release all trout.

Chambers Creek Estuary (downstream from markers 400 feet below the Boise-Cascade Dam to the Burlington Northern Railroad Bridge) (Pierce County): July 1 through November 15 season. Night closure and ~~((nonbuoyant lure restriction))~~ anti-snagging rule. Trout: Minimum length fourteen inches. Salmon: Open only July 1 through November 15. Daily limit 6 fish of which no more than 2 may be adult salmon. Release wild coho.

Chambers Lake (within Ft. Lewis Military Reservation) (Pierce County): Selective gear rules. Trout: Release all trout.

Chaplain Lake (Snohomish County): Closed waters.

Chapman Lake (Spokane County): Last Saturday in April through October 31 season. Chumming permitted. Trout: Kokanee not counted in daily trout limit. Kokanee daily limit ten.

Chehalis River (Grays Harbor County), from Highway 101 Bridge in Aberdeen to high bridge on Weyerhaeuser 1000 line (approximately 400 yards downstream from Roger Creek): ~~((June 1))~~ The first Saturday in June through April 15 season. Single point barbless hooks required August 16 through November 30. Trout: Minimum length fourteen inches. Salmon: Open September 16 through September 30 from mouth to Lakeside Industries Tower in Aberdeen, approximately 1.25 miles upstream of mouth. Daily limit 6 fish, of which no more than 2 may be adult salmon, and of which only 1 may be a wild adult coho. Release chum and adult Chinook. Bait prohibited and fishing from any floating device prohibited. Open October 1 through October 15 from mouth to high bridge. Daily limit 6 fish, of which no more than 2 may be adult salmon, and of which only 1 may be a wild adult coho. Release chum and adult Chinook. Open October 16 through January 31 from mouth to high bridge. Daily limit 6 fish, of which no more than 2 may be adult salmon. Release chum, wild coho, and adult Chinook. Sturgeon: Open year-round, and no night closure from mouth to high bridge on Weyerhaeuser 1000 line.

From the High Bridge on Weyerhaeuser 1000 line, upstream, including all forks and tributaries: ~~((June 1))~~ The first Saturday in June through April 15 season. Selective gear rules. All species: Release all fish, except up to two hatchery steelhead may be retained per day.

Chehalis River, South Fork (Lewis County), from mouth to Highway Bridge at Boistfort School: ~~((June 1))~~ The first Saturday in June through April 15 season. Trout: Minimum length fourteen inches.

Chehalis River Potholes (adjacent to the Chehalis River south of Highway 12 in Grays Harbor County, this does not include sloughs or beaver ponds): Last Saturday in April through October 31 season.

Chelan Hatchery Creek (Chelan County): Closed waters.

Chelan Lake (Chelan County): Closed waters: Within 400 feet of all tributaries south of a line from Purple Point at Stehekin and Painted Rocks. Trout except kokanee and lake trout: Daily limit 5. Release wild cutthroat. Lake trout not counted in daily trout limit. Lake trout no minimum size, no daily limit. Kokanee not counted in daily trout limit. Kokanee daily limit 10, no minimum length. North of a line between Purple Point at Stehekin and Painted Rocks: April 1 through July 31: All species: Release all fish. Salmon: Open only May 1 through May 31 south of a line from Purple Point to Painted Rocks: Daily limit 1, minimum length 15 inches.

Chelan Lake Tributaries (Chelan County), from mouths upstream one mile except Stehekin River: August 1 through

September 30 season. Selective gear rules. Trout: Release wild cutthroat.

Chelan River (Chelan County): From the railroad bridge to the Chelan P.U.D. safety barrier below the power house: May 15 through August 31 season. (~~Nonbuoyant lure restriction~~) Anti-snagging rule. Trout: Release all trout.

Chewuch River (Chewack River) (Okanogan County), from mouth to Eight Mile Creek: (~~June 1~~) The first Saturday in June through August 15 season. Selective gear rules. All species: Release all fish.

Upstream from Eight Mile Creek to Pasayten Wilderness boundary: Closed waters (~~June 1~~) The first Saturday in June through October 31.

From mouth to Pasayten Wilderness boundary: Additional December 1 through March 31 season. Whitefish gear rules apply.

Chikamin Creek (Chelan County): Selective gear rules.

Chimacum Creek (Jefferson County):

From mouth to Ness's Corner Road: (~~June 1~~) The first Saturday in June through August 31 season. Trout: Minimum length fourteen inches.

From Ness's Corner Road to headwaters: Trout: Minimum length fourteen inches.

Chiwaukum Creek (Chelan County): Mouth to Fool Hen Creek: Closed waters.

Chiwawa River (Chelan County): Mouth to Buck Creek: Closed waters.

Chopaka Lake (Okanogan County): Last Saturday in April through October 31 season. Fly fishing only. Fishing from a floating device equipped with a motor prohibited. Trout: Daily limit one.

Cispus River (Lewis County), from mouth to North Fork: Trout: Release all cutthroat. Additional season November 1 through (~~May 31~~) the Friday before the first Saturday in June. Trout: Release all trout except up to two hatchery steelhead may be retained per day. Salmon: Open year around. Salmon minimum size 8 inches. January 1 through July 31, daily limit 6 fish, of which no more than 2 may be adult salmon. Release wild coho and wild Chinook. August 1 through December 31, daily limit 6 fish, of which no more than 2 may be adult Chinook. Release wild coho.

Cispus River, North Fork (Lewis County): Selective gear rules. Trout: No more than one over twelve inches in length. Release cutthroat.

Clallam River (Clallam County): (~~June 1~~) The first Saturday in June through last day in February season. Trout: Minimum length fourteen inches.

Clara Lake (Mason County): Last Saturday in April through October 31 season.

Clear Creek (Chelan County): Closed waters.

Clear Lake (Chelan County): Last Saturday in April through October 31 season. From July 5 through October 31, selective gear rules and all species: Release all fish.

Clear Lake (Pierce County): Last Saturday in April through October 31 season. Chumming permitted. Salmon: Land-locked salmon rules apply.

Clear Lake (Spokane County): Last Saturday in April through October 31 season.

Clear Lake (Thurston County): Last Saturday in April through October 31 season.

Clearwater River (Jefferson County):

From mouth to Snahapish River: (~~June 1~~) The first Saturday in June through April 15 season. Trout: Minimum length fourteen inches. December 1 through April 15, one wild steelhead per day may be retained. Salmon: Open only September 1 through November 30. Daily limit 6 fish of which no more than 2 may be adult salmon.

From Snahapish River upstream: Trout, minimum length fourteen inches.

Clearwater River (Pierce County): July 1 through October 31 season. Selective gear rules. Trout: Minimum length fourteen inches.

Cle Elum Lake (Reservoir) (Kittitas County): Trout except kokanee: Daily limit two, minimum length twelve inches. Kokanee not counted in daily trout limit. Kokanee daily limit sixteen, no minimum size.

Cle Elum River (Kittitas County), from mouth to Cle Elum Dam: Lawful to fish to base of Cle Elum Dam. Year-round season. Selective gear rules, except December 1 through March 31 bait and one single point barbed hook three-sixteenths or smaller point to shank may be used. Trout: Release all trout. Above Cle Elum Lake to outlet of Hyas Lake except Tucquala Lake: Selective gear rules.

Cliff Lake (Grant County): March 1 through July 31 season.

Cloquallum Creek (Grays Harbor County):

From mouth to second bridge on Cloquallum Road: (~~June 1~~) The first Saturday in June through last day in February season. Trout: Minimum length fourteen inches.

From mouth to Highway 8 Bridge: Additional March 1 through March 31 season. Trout: Minimum length fourteen inches.

Clough Creek (North Bend) (King County): Closed waters.

Coal Creek (Cowlitz County), from mouth to four hundred feet below falls: (~~June 1~~) The first Saturday in June through August 31 and November 1 through last day in February season. Trout: Release all fish except up to two hatchery steelhead may be retained per day.

Coal Creek (tributary of Lake Washington) (King County): (~~June 1~~) The first Saturday in June through August 31 season. Juveniles only.

Coal Creek (near Snoqualmie) (King County), from mouth to Highway I-90: Last Saturday in April through October 31 season. Juveniles only. Trout: No minimum length.

Coffee Pot Lake (Lincoln County): March 1 through September 30 season. Selective gear rules except internal combustion motors allowed. Trout: Daily limit one, minimum

length eighteen inches. Crappie: Daily limit ten, minimum length nine inches.

Coldwater Lake (Cowlitz County): Selective gear rules. Trout: Daily limit one, minimum length sixteen inches.

Coldwater Lake inlet and outlet streams (Cowlitz County): Closed waters.

Collins Lake (Mason County): Last Saturday in April through October 31 season.

Columbia Basin Hatchery Creek (Grant County): Hatchery outflow to confluence with mainstem Hatchery Creek: April 1 through September 30 season. Juveniles and holders of reduced fee disability licenses only. Trout: Daily limit three fish. Mainstem Hatchery Creek: April 1 through September 30 season. Juveniles and holders of reduced fee disability licenses only.

Columbia Park Pond (Benton County): Juveniles and holders of reduced fee disability licenses only. All species: Daily limit of five fish combined.

Columbia River, including impoundments and all connecting sloughs, except Wells Ponds: Year-round season unless otherwise provided. General species provisions (unless otherwise provided for in this section): Bass: Below McNary Dam: Daily limit five fish, bass 12 to 17 inches in length may be retained. Up to but not more than three of the daily limit may be over 15 inches. Trout: Daily limit two fish, minimum length 12 inches, except release all Dolly Varden/Bull Trout. Whitefish: Daily limit 15 fish. All other game fish: No daily limit, except release all grass carp.

In the Columbia River between Washington and Oregon, the license of either state is valid. Anglers must comply with the fishing regulations of the state in which they are fishing. This provision does not allow an angler licensed in Oregon to fish on the Washington shore, or in the sloughs or tributaries in Washington except Camas Slough, where the license of either state is valid when fishing from a floating device.

Anglers fishing the Columbia River are restricted to one daily limit, as defined by the laws of the state in which they are fishing, even if they are licensed by both states.

From a true north-south line through Buoy 10, upstream to a line projected from Rocky Point on the Washington bank through Red Buoy 44 to the navigation light at Tongue Point on the Oregon bank: Trout: Release ~~((wild cutthroat. Release))~~ all trout ~~((April 1 through July 31))~~ except hatchery steelhead. Walleye: No minimum size. Daily limit ten, of which no more than five may be greater than eighteen inches in length and one greater than twenty-four inches in length. Fishing from the north jetty is allowed during salmon season openings. Salmon and steelhead: Open only August 1 through March 31. August 1 through September 1, daily limit 2 salmon or 2 hatchery steelhead or one of each; of the adult salmon, ((of which)) only 1 may be a Chinook. Release chum, sockeye, wild coho, Chinook less than 24 inches in length, and coho less than 16 inches in length. September 2 through September 30, daily limit 2 hatchery coho ~~((only))~~ or 2 hatchery steelhead or one of each. Release coho less than 16 inches in length. October 1 through December 31, daily limit 6 ~~((hatchery coho))~~ fish, of which no more than 2 may

be adult hatchery coho or hatchery steelhead or one of each. Release all salmon except hatchery coho. January 1 through March 31, daily limit 6 fish, of which no more than 2 may be adult salmon or hatchery steelhead or one of each. Release chum, sockeye, wild coho and wild Chinook. Fishing from the north jetty for salmon open during both Area 1 and Buoy 10 fishery openings, with barbed hooks allowed; and the daily limit is the more liberal if both areas are open. Sturgeon: Release sturgeon May 1 through May ~~((9 and))~~ 8, June ~~((25))~~ 29 through July 1, and July 6 through December 31. Minimum size when open to retain sturgeon is ~~((42))~~ 38 inches fork length January 1 through April 30, and ~~((45))~~ 41 inches fork length May ~~((40))~~ 9 through ~~((June 24))~~ July 5. Bottom-fish: Daily limits, seasons, size restrictions and gear restrictions are the same as those in the adjacent portion of Marine Area 1.

From a line projected from Rocky Point on the Washington bank through Red Buoy 44 to the navigation light at Tongue Point on the Oregon bank, upstream to the I-5 Bridge: Trout: Release ~~((wild))~~ all trout except hatchery steelhead and hatchery cutthroat. Release all trout April 1 through May 15. Walleye: No minimum size. Daily limit ten, of which no more than five may be greater than eighteen inches in length and one greater than twenty-four inches in length. Salmon and steelhead: Open only May 16 through March 31. May 16 through June 15 daily limit 6 fish, of which no more than 2 may be hatchery steelhead. Release all salmon except hatchery jack Chinook. June 16 through July 31, daily limit 6 fish, of which no more than 2 may be adult salmon or adult steelhead or one of each. Release sockeye, chum, wild coho, and adult Chinook, except adult Chinook may be retained June 21 through June 28. August 1 through August 31, daily limit 6 ~~((hatchery coho))~~ fish, of which no more than 2 may be adult hatchery coho or hatchery steelhead or one of each. Release all salmon except hatchery coho. September 1 through September 16, daily limit 6 fish, of which no more than 2 may be adult salmon or hatchery steelhead or one of each; and of the adult ~~((fish))~~ salmon, only 1 may be an adult Chinook. Release sockeye, chum, wild coho, and Chinook downstream of a line from the boundary marker on lower end of Bachelor Island to the Warrior Rock Lighthouse, and upstream of a line from Light Number 62 on Deer Island to Light Number 63 on the lower end of Martin Island. September 17 through December 31, daily limit 6 ~~((hatchery coho))~~ fish, of which no more than 2 may be adult hatchery coho or hatchery steelhead or one of each. January 1 through March 31, daily limit 6 fish, of which no more than 2 may be adult salmon or hatchery steelhead or one of each. Release sockeye, chum, wild coho, and wild Chinook. (1) Release sturgeon May 1 through May ~~((9 and))~~ 8, June ~~((25))~~ 29 through July 1, and July 6 through December 31 downstream from the Wauna powerlines. Minimum size when open to retain sturgeon is ~~((42))~~ 38 inches fork length January 1 through April 30, and ~~((45))~~ 41 inches fork length May ~~((40))~~ 9 through ~~((June 24))~~ July 5; (2) I-5 Bridge downstream to Wauna powerlines, lawful to retain sturgeon only on Thursdays, Fridays, and Saturdays ~~((and Sundays))~~ from January 1 through July 31, and October 1 through December 31. Release sturgeon on other days and during other time periods.

From the I-5 Bridge to the Highway 395 Bridge at Pasco: Closed waters: (1) From the upstream line of Bonneville Dam to boundary markers located six hundred feet below the fish ladder, and closed to fishing from a floating device or fishing by any method except hand-casted gear from shore from Bonneville Dam downstream to a line from the Hamilton Island boat ramp to an Oregon boundary marker on Robins Island. (2) Waters from the upstream side of the Interstate Bridge at The Dalles to upper line of The Dalles Dam except that bank fishing is permitted up to the downstream navigation lock wall on the Washington shore. (3) From John Day Dam downstream about three thousand feet except that bank fishing is permitted up to four hundred feet below the fishway entrance on the Washington shore. (4) From McNary Dam downstream to a line across the river from the red and white marker on the Oregon shore on a line that intersects the downstream end of the wing wall of the boat lock near the Washington shore. August 1 through October 15: ~~((Non-buoyant lure restriction and night closure))~~ Salmon and steelhead: Anti-snagging rule from Bonneville Dam to ~~((The Dalles))~~ McNary Dam and all species: Night closure from Bonneville Dam to The Dalles Dam. Trout: ~~((Release wild cutthroat from I-5 Bridge to Bonneville Dam.))~~ Release all trout ~~((April 1 through June 15))~~ except hatchery steelhead. Walleye: No minimum size. Daily limit ten, of which no more than five may be greater than eighteen inches in length and one greater than twenty-four inches in length. Snake River Confluence Protection Area: From the first powerline crossing the Columbia upstream of Sacajawea State Park to the railroad bridge between Burbank and Kennewick: All species: Daily limits, seasons, size restrictions and gear restrictions are the same as those in the adjacent portion of the Snake River. Sturgeon: (1) Sturgeon fishing is closed from Bonneville Dam to a line from a boundary marker on the Washington shore approximately 4,000 feet below the fish ladder to the downstream end of Cascade Island to an Oregon angling boundary on Bradford Island (the Cascade Island - Bradford Island line). (2) It is unlawful to fish for sturgeon from May 1 through July 31 from Cascade Island - Bradford Island line downstream to a line from navigation marker 85 on the Washington shore at a right angle to the thread of the river to the Oregon shore, from 400 feet below McNary Dam to the Highway 82 Bridge and from John Day Dam downstream to a line crossing the Columbia at a right angle to the thread of the river from the west end of the grain silo at Rufus, Oregon. (3) Cascade Island - Bradford Island line downstream to I-5 Bridge, lawful to retain sturgeon only on Thursdays, Fridays, and Saturdays ~~((and Sundays))~~ from January 1 through July 31 and October 1 through December 31, except for May 1 - July 31 closure to the navigation marker 85 line and the closure to the Highway 82 Bridge. Release sturgeon on other days and during other time periods. (4) Release sturgeon August 1 through December 31 from the upstream line of Bonneville Dam and 400 feet below McNary Dam. (5) From the Hamilton Island boat launch (USACE boat restricted zone boundary) to Bonneville Dam, anglers must stop fishing for sturgeon once a daily limit has been retained. Salmon and steelhead: From I-5 Bridge to Bonneville Dam: Open only June 16 through December 31 except closed November 1 through December 31 from Bea-

con Rock to Bonneville Dam. June 16 through July 31, daily limit 6 fish, of which no more than 2 may be adult salmon or hatchery steelhead or one of each. Release sockeye, chum, wild coho, and adult Chinook, except adult Chinook may be retained June 21 through June 28. August 1 through August 31, daily limit 6 hatchery ~~((coho))~~ fish, of which no more than 2 may be adult hatchery coho or hatchery steelhead or one of each. Release all salmon except hatchery coho. September 1 through September 16, daily limit 6 fish, of which no more than 2 may be adult salmon or hatchery steelhead or one of each; and of the adult ~~((fish))~~ salmon, only 1 may be an adult Chinook. Release sockeye, chum, and wild coho. September 17 through December 31, daily limit 6 ~~((hatchery coho))~~ fish, of which no more than 2 may be adult hatchery coho or hatchery steelhead or one of each. From Bonneville Dam to McNary Dam: Open only June 16 through December 31. Daily limit 6 fish, of which only 2 may be adult salmon or hatchery steelhead or one of each. Release sockeye. Steelhead: Additional season January 1 through March 31. Daily limit 2. August 1 through December 31, release chum. August 1 through December 31, release wild coho from Bonneville Dam to Hood River Bridge. From McNary Dam to the Highway 395 Bridge at Pasco: Open only June 16 through December 31; daily limit 6 fish, of which no more than 2 may be adult salmon or hatchery steelhead or one of each. Release sockeye. Steelhead: Additional season January 1 through March 31. Daily limit 2.

From the Highway 395 Bridge at Pasco to the old Hanford townsite (wooden towers) powerline crossing, in Sec. 30, T13N, R28E except Ringold Area Bank Fishery waters: Closed waters: Ringold Springs Creek (Hatchery Creek). Trout: Release all trout, except up to two hatchery steelhead having both adipose and ventral fin clips may be retained per day, October 1 through October 31. Release all trout, except up to two hatchery steelhead may be retained per day, November 1 through March 31. Salmon: Open only June 16 through October 22. Daily limit 6 fish, of which no more than 2 may be adult salmon. Release sockeye. Walleye: Daily limit 10 fish. No minimum size, no more than 5 fish over 18 inches in length. No more than 1 fish over 24 inches in length. Ringold Area Bank Fishery waters (from WDFW markers 1/4 mile downstream from the Ringold wasteway outlet, to WDFW markers 1/2 mile upstream from Spring Creek): Open only April 1 through April 15, except closed for salmon fishing. Fishing allowed only from the bank and only on the hatchery side of the river. Trout: Release all ~~((fish))~~ trout, except hatchery steelhead. Salmon: Open only May 1 through May 31. Fishing allowed only from the bank and only on the hatchery side of the river. Daily limit two hatchery Chinook. Night closure and ~~((nonbuoyant lure restriction))~~ anti-snagging rule.

From the old Hanford townsite (wooden towers) powerline crossing in Sec. 30, T13N, R28E, to Vernita Bridge, (Highway 24): February 1 through October 22 season. Trout: Release all trout. Walleye: Daily limit 10 fish. No minimum size, no more than 5 fish over 18 inches in length. No more than 1 fish over 24 inches in length. Salmon: Open only June 16 through October 22. Daily limit 6 fish of which no more than 2 fish may be adult salmon. Release sockeye.

From Vernita Bridge (Highway 24) to Priest Rapids Dam: Closed waters: (1) Priest Rapids Dam - waters between the upstream line of Priest Rapids Dam downstream to the boundary markers six hundred fifty feet below the fish ladders. (2) Jackson (Moran Creek or Priest Rapids Hatchery outlet) Creek - all waters of the Priest Rapids Hatchery system to the outlet on the Columbia River, extending to mid-stream Columbia between boundary markers located one hundred feet upstream and four hundred feet downstream of the mouth. Trout: Release all trout. Walleye: Daily limit 10 fish. No minimum size, no more than 5 fish over 18 inches in length. No more than 1 fish over 24 inches in length. Salmon: Open only June 16 through October 22. Daily limit 6 fish of which no more than 2 may be adult salmon. Release sockeye.

From Priest Rapids Dam to Chief Joseph Dam, including up to base of Washburn Pond outlet structure: Closed waters: (1) Wanapum Dam - waters between the upstream line of Wanapum Dam to the boundary markers seven hundred fifty feet downstream of the east fish ladder and five hundred feet downstream of the west fish ladder. (2) Rock Island Dam to boundary markers four hundred feet downstream of the fish ladders. (3) Rocky Reach Dam - waters between the upstream line of Rocky Reach Dam to boundary markers four hundred feet downstream of the fish ladders. (4) Wells Dam - waters between the upstream line of Wells Dam to boundary markers four hundred feet downstream of the spawning channel discharge (Chelan County) and fish ladder (Douglas County). (5) Chief Joseph Dam - closed to fishing from the Okanogan County shore between the dam and the Highway 17 Bridge. Closed to fishing from a floating device from the boundary marker to the Corps of Engineers safety zone marker. Trout: Release all trout. All species: ((~~Nonbuoyant lure restriction~~)) Anti-snagging rule and night closure from Rocky Reach Dam to the most upriver edge of Turtle Rock. Salmon: Daily limit 6 fish, of which no more than 2 may be adult salmon. Release coho and sockeye. From Priest Rapids Dam to Wells Dam, open only July 1 through October 15. From Wells Dam to Chief Joseph Dam, open only July 1 through July 15 and September 1 through October 15 from Highway 173 Bridge at Brewster to Highway 17 Bridge at Bridgeport, and July 16 through August 31 from Wells Dam to Highway 17 Bridge at Bridgeport. Sturgeon: Release all sturgeon.

Above Chief Joseph Dam: See Lake Roosevelt and Rufus Woods Lake.

Colville River (Stevens County):

From mouth to bridge at Town of Valley: Year-round season. Trout: Daily limit five fish, not more than two of which may be brown trout October 1 through November 30. Walleye: Daily limit 8 fish. No minimum size. Not more than one walleye greater than 22 inches may be retained. Sturgeon: Unlawful to fish for or retain sturgeon.

From bridge at Valley upstream and tributaries: Saturday before Memorial Day through October 31 season. Selective gear rules.

Conconully Lake (Okanogan County): Last Saturday in April through October 31 season.

Conconully Reservoir (Okanogan County): Last Saturday in April through October 31 season.

Conger Pond (Pend Oreille County): Last Saturday in April through October 31 season.

Connelly Creek and tributaries (Lewis County), from four hundred feet below the city of Morton Dam to its source: Closed waters.

Conner Lake (Okanogan County): Last Saturday in April through October 31 season.

Cooper River (Kittitas County): Mouth to Cooper Lake: Selective gear rules.

Coot Lake (Grant County): April 1 through September 30 season.

Copalis River (Grays Harbor County): ((~~June 1~~)) The first Saturday in June through last day in February season. Trout: Minimum length fourteen inches. Salmon: Open only September 1 through January 31 from mouth to Carlisle Bridge. Daily limit 6 fish of which no more than 2 may be adult salmon. Release chum and adult Chinook.

Cottage Lake (King County): Last Saturday in April through October 31 season.

Cottonwood Creek (Lincoln County): Year-round season.

Cottonwood Creek (Walla Walla County): Closed waters.

Cougar Creek (tributary to Yale Reservoir) (Cowlitz County): ((~~June 1~~)) The first Saturday in June through August 31 season.

Cougar Lake (near Winthrop) (Okanogan County): September 1 through March 31 season.

Coulter Creek (Kitsap/Mason counties): Trout: Minimum length fourteen inches.

County Line Ponds (Skagit County): Closed waters.

Coweeman River (Cowlitz County), from mouth to Mulholland Creek: ((~~June 1~~)) The first Saturday in June through August 31 and November 1 through March 15 season. Trout: Release all fish except up to two hatchery steelhead may be retained per day. From Mulholland Creek upstream: ((~~June 1~~)) The first Saturday in June through August 31 season. Trout: Release all fish except up to two hatchery steelhead may be retained per day.

Cowiche Creek (Yakima County): Selective gear rules.

Cowlitz Falls Reservoir (Lake Scanewa) (Lewis County): June 1 through last day in February season. The upstream boundary of the reservoir in the Cowlitz arm is the posted PUD sign on Peters Road. The upstream boundary of the reservoir in the Cispus arm is the posted markers at the Lewis County PUD kayak launch, approximately 1.5 miles upstream from the confluence of the Cowlitz and Cispus arms. Trout and salmon: Minimum length eight inches. Trout: Release cutthroat. Release rainbow trout except rainbow trout with a clipped adipose fin and a healed scar at the site of the clipped fin. Salmon: Open only June 1 through last day in February. January 1 through last day in February and June 1 through July 31, daily limit 6 fish, of which no more than 2 may be adult salmon. Release wild coho and wild Chi-

nook. August 1 through December 31, daily limit 6 fish, of which no more than 2 may be adult Chinook. Release wild coho.

Cowlitz River (Lewis County):

From mouth to Mayfield Dam: Closed waters: (1) From 400 feet or posted markers below Cowlitz salmon hatchery barrier dam to boundary markers near the Cowlitz salmon hatchery water intake approximately 1,700 feet upstream of the Cowlitz salmon hatchery barrier dam. (2) From 400 feet below the Mayfield powerhouse upstream to Mayfield Dam. (3) Within a 100 foot radius of the new Cowlitz Trout Hatchery outfall structure except anglers who permanently use a wheelchair may fish within posted markers when adjacent waters are open. Year-round season except closed to fishing from south bank May 1 through June 15 from Mill Creek to the Cowlitz salmon hatchery barrier dam. Lawful to fish up to four hundred feet or the posted deadline at the Cowlitz salmon hatchery barrier dam. Lawful to fish up to Tacoma Power safety signs at Onion Rock below Mossyrock Dam. Lawful to fish up to Lewis County P.U.D. safety signs below Cowlitz Falls Dam. From the Cowlitz salmon hatchery barrier dam downstream to a line from the mouth of Mill Creek to a boundary marker on the opposite shore, it is unlawful to fish from any floating device. ~~((Nonbuoyant lure restriction))~~ Anti-snagging rule and night closure April 1 through October 31 from mouth of Mill Creek to the Cowlitz salmon hatchery barrier dam. All game fish: Release all fish except steelhead April 1 through May 31. Trout: Daily limit five, minimum length twelve inches, no more than two over twenty inches. Release wild cutthroat. Release all steelhead missing right ventral fin. Salmon: Open year-round. January 1 through July 31, daily limit 6 fish of which no more than 2 may be adult salmon. Release all salmon except hatchery Chinook and hatchery coho. August 1 through December 31, daily limit 6 fish. Release all salmon except hatchery coho and hatchery jack Chinook. Sturgeon: Seasons, days of the week, daily limits, and size limits same as in adjacent waters of mainstem Columbia River.

From posted PUD sign on Peters Road to mouth of Ohanepecosh River and mouth of Muddy Fork: Trout: Release cutthroat. Additional November 1 through ~~((May 31))~~ Friday before the first Saturday in June season. Trout: Release all trout except up to two hatchery steelhead may be retained per day. Salmon: Open year-round from upstream boundary of Lake Scanewa. Salmon minimum size 12 inches. January 1 through July 31, daily limit 6 fish, of which no more than 2 may be adult salmon. Release wild coho and wild Chinook. August 1 through December 31, daily limit 6 fish, of which no more than 2 may be adult Chinook. Release wild coho.

Cowlitz River, Clear and Muddy Forks (Lewis County): Selective gear rules. Trout: Release cutthroat.

Coyote Creek and Ponds (Adams County): April 1 through September 30 season.

Crab Creek (Adams/Grant counties):

From Highway 26 to Morgan Lake Road in Section 36: April 1 through September 30 season.

From Morgan Lake Road in Section 36 to O'Sullivan Dam (including Marsh Unit I and II impoundments): Closed waters.

Crab Creek (Lincoln/Grant counties) and tributaries: Year-round season. In those waters from Grant County Road 7 to the fountain buoy and shoreline markers or 150 feet downstream of the Alder Street fill March 1 through May 31 terminal gear restricted to one single hook measuring 3/4 inch or less point to shank. Year-round: Daily limits and size limits same as Moses Lake. From Moses Lake downstream to the confluence of the outlet streams March 1 through May 31 terminal gear restricted to one single-point hook measuring 3/4 inch or less point to shank. Year-round: Daily limits and size limits same as Potholes Reservoir.

Crabapple Lake (Snohomish County): Last Saturday in April through October 31 season.

Cranberry Creek (Mason County), mouth to Lake Limerick: Closed waters.

Crawfish Lake (Okanogan County): Last Saturday in April through October 31 season. Fishing from a floating device equipped with an internal combustion engine prohibited.

Crescent Lake (Pend Oreille County): Last Saturday in April through October 31 season.

Crescent Lake (Pierce County): Last Saturday in April through October 31 season.

Crocker Lake (Jefferson County): Closed waters.

Crystal Lake (Grant County): March 1 through July 31 season.

Cup Lake (Grant County): March 1 through July 31 season.

Curl Lake (Columbia County): Last Saturday in April through October 31 season. Fishing from any floating device prohibited. Trout: No more than 2 trout over 13 inches in length may be retained.

Curley Creek (Kitsap County): ~~((June 1 through October 31 season))~~ Trout: Minimum length fourteen inches.

Dakota Creek (Whatcom County): Salmon: Open only October 1 through December 31 from mouth to Giles Road Bridge. Daily limit 2 salmon.

Dalton Lake (Franklin County): Trout: No more than two over 13 inches in length may be retained.

Damon Lake (Grays Harbor County): The first Saturday in June ~~((4))~~ through October 31 season.

Davis Lake (Ferry County): Last Saturday in April through October 31 season.

Davis Lake (Lewis County): Last Saturday in April to last day in February season.

Davis Lake (Okanogan County): April 1 through August 31: Selective gear rules. All species: Release all fish.

Davis Lake (Pend Oreille County): Last Saturday in April through October 31 season.

Dayton Pond (Columbia County): Juveniles only. Trout: No more than 2 trout over 13 inches in length may be retained.

Deadman Lake (Adams County): April 1 through September 30 season.

De Coursey Pond (Pierce County): Last Saturday in April through November 30 season. Juveniles only. Salmon: Land-locked salmon rules apply.

Deep Creek (Clallam County): December 1 through last day in February season. All species: Release all fish except up to two hatchery steelhead may be retained per day.

Deep Creek (tributary to Bumping Lake) (Yakima County): Mouth to second bridge crossing on USFS Rd. 1808 (approximately 3.7 miles from junction of USFS Rds. 1800 and 1808): Closed waters.

Deep Lake (Grant County): Last Saturday in April through September 30 season.

Deep Lake (Stevens County): Last Saturday in April through October 31 season.

Deep Lake (Thurston County): Last Saturday in April through October 31 season.

Deep River (Wahkiakum County): Year-round season. Trout: Release all fish except up to two hatchery steelhead may be retained per day. Salmon: Open year-round only from mouth to town bridge. January 1 through July 31, daily limit 6 fish of which no more than 2 may be adult salmon. Release wild Chinook and wild coho. August 1 through December 31, daily limit 6 fish of which no more than 4 may be adult salmon, and of the adult salmon, no more than 2 may be adult Chinook. Release chum and wild coho. Sturgeon: Seasons, days of the week, daily limits, and size limits same as in adjacent waters of mainstem Columbia River.

Deer Creek (Mason County): Closed waters.

Deer Creek and Little Deer Creek (tributaries to North Fork Stillaguamish) (Skagit County): Closed waters.

Deer Lake (Columbia County): March 1 through October 31 season. Fishing from any floating device prohibited. Trout: No more than 2 trout over 13 inches in length may be retained.

Deer Lake (Island County): Last Saturday in April through October 31 season.

Deer (Deer Springs) Lake (Lincoln County): Last Saturday in April through September 30 season.

Deer Lake (Mason County): Last Saturday in April through October 31 season.

Deer Lake (Stevens County): March 1 through October 31 season. Trout: No more than two over thirty inches in length may be retained.

De Roux Creek (Kittitas County): Mouth to the USFS Trail #1392 (De Roux Cr. Trail) stream crossing (approximately one river mile): Closed waters. Upstream of USFS Trail #1392 stream crossing: Selective gear rules.

Deschutes River (Thurston County): Closed waters: From 400 feet below lowest Tumwater Falls fish ladder to Old Highway 99 Bridge. From old U.S. Highway 99 Bridge near Tumwater to Henderson Boulevard Bridge near Pioneer Park: ~~((June 1))~~ The first Saturday in June through March 31 season. ~~((Nonbuoyant lure restriction))~~ Anti-snagging rule and night closure August 1 through November 30. Trout: Minimum length fourteen inches. Salmon: Open only July 1 through October 15. Daily limit 6 fish of which no more than 2 may be adult salmon. Release coho.

From Henderson Boulevard Bridge upstream: Year-round season. Selective gear rules. All game fish: Release all fish except hatchery steelhead. Salmon: Open only July 1 through October 15. Daily limit 6 fish of which no more than 2 may be adult salmon. Release coho.

Devereaux Lake (Mason County): Last Saturday in April through October 31 season.

Devil's Lake (Jefferson County): Last Saturday in April through October 31 season.

Dewatto River (Mason County): Selective gear rules. Game fish: Release all fish. Salmon: Open only September 16 through October 31 mouth to Dewatto-Holly Road Bridge. Daily limit two coho. Release all salmon other than coho.

Diamond Lake (Pend Oreille County): Last Saturday in April through October 31 season.

Dickey River (Clallam County): ~~((June 1))~~ The first Saturday in June through April 30 season in mainstem Dickey outside Olympic National Park and East Fork Dickey upstream to D5200 road and ~~((June 1))~~ the first Saturday in June through March 15 in East Fork Dickey upstream from D5200 road and West Fork Dickey. Trout: Minimum length fourteen inches. December 1 through April 30, one wild steelhead per day may be retained. Salmon: Open only July 1 through November 30 from mouth to East Fork Dickey. Daily limit 6 fish of which no more than 2 may be adult salmon July 1 through August 31 and of which no more than 3 may be adult salmon September 1 through November 30. July 1 through August 31 release wild adult coho and wild adult Chinook. September 1 through October 31 the daily limit may contain no more than 2 adult Chinook, release wild adult coho, and selective gear rules. November 1 through November 30 the daily limit may contain no more than 2 adult Chinook or 2 adult wild coho or a combination of adult Chinook and adult wild coho.

Dillacort Creek (Klickitat County): Trout: Release all trout.

Dog Lake (Yakima County): Trout: Daily limit may contain not more than 1 fish over 14 inches in length.

Dosewallips River (Jefferson County), from mouth to Olympic National Park boundary about three-quarters mile downstream of falls: ~~((June 1))~~ The first Saturday in June through August 31 season mouth to park boundary and November 1 through December 15 season mouth to Highway 101 Bridge. Selective gear rules ~~((June 1))~~ the first Saturday in June through August 31. All species: Release all fish except salmon may be retained November 1 through December 15.

Salmon: Open only November 1 through December 15 from mouth to Highway 101 Bridge. Daily limit 2 chum salmon.

Dot Lake (Grant County): March 1 through July 31 season.

Downs Lake (Lincoln/Spokane counties): March 1 through September 30 season. Crappie: Daily limit ten, minimum length nine inches.

Dry Creek (Walla Walla County): Upstream from the middle Waitsburg Road: Closed waters.

Dry Falls Lake (Grant County): April 1 through November 30 season. Selective gear rules. Trout: Daily limit one.

Duck Lake (Grays Harbor County): Crappie: Daily limit ten, minimum length nine inches.

Duckabush River (Jefferson County), from mouth to the Olympic National Park Boundary: ~~((June 1))~~ The first Saturday in June through August 31 season mouth to park boundary and November 1 through December 15 season mouth to Mason County P.U.D. No. 1 overhead electrical distribution line. Selective gear rules ~~((June 1))~~ the first Saturday in June through August 31. All species: Release all fish except salmon may be retained November 1 through December 15. Salmon: Open only November 1 through December 15 from mouth to Mason County P.U.D. No. 1 overhead electrical distribution line. Daily limit 2 chum salmon.

Dungeness River (Clallam County):

From mouth to junction of Gray Wolf and Dungeness rivers: October 16 through last day in February season. Trout: Minimum length fourteen inches. Salmon: Open only October 16 through December 31 from mouth to the hatchery intake pipe at river mile 11.3. Daily limit 4 coho salmon.

From junction of Gray Wolf River upstream to Gold Creek - Closed waters.

From junction of Gold Creek upstream to headwaters: Trout: Minimum length fourteen inches.

Dusty Lake (Grant County): March 1 through November 30 season. Selective gear rules. Trout: Daily limit one fish.

Early Winters Creek (Okanogan County): Closed waters.

East Little Walla Walla River (Walla Walla County): Closed waters.

East Twin River (Clallam County): Trout: Minimum length fourteen inches.

Easton Lake (Kittitas County): Saturday before Memorial Day through October 31 season. Trout: Daily limit five fish of which no more than 2 may be trout other than Eastern brook trout. Minimum length 8 inches.

Ebey Lake (Little Lake) (Snohomish County): Fly fishing only. Fishing from a floating device equipped with a motor prohibited. Trout: Daily limit one, minimum length eighteen inches.

Echo Lake (Snohomish County): Last Saturday in April through October 31 season.

Eightmile Lake (Chelan County): Trout: Daily limit five, not more than two mackinaw may be retained.

Elbow Lake (Stevens County): Last Saturday in April through October 31 season.

Elk River (Grays Harbor County), from the Highway 105 Bridge upstream: ~~((June 1))~~ The first Saturday in June through last day in February season. Single point barbless hooks required August 16 through November 30 downstream of the confluence of the east and middle branches. Trout: Minimum length fourteen inches. Salmon: Open only October 1 through November 30 from Highway 105 Bridge to the confluence of the East and Middle Branches. October 1 through October 15, daily limit 6 fish, of which no more than 2 may be adult salmon; and of the adult fish, only 1 may be an adult wild coho. Release adult Chinook, and chum. October 16 through November 30, daily limit 6 fish, of which no more than 2 may be adult salmon. Release chum, wild coho, and adult Chinook.

Ell Lake (Okanogan County): Last Saturday in April through October 31 season. Selective gear rules. Trout: Daily limit one.

Ellen Lake (Ferry County): Last Saturday in April through October 31 season. All species: Catch and release except up to five rainbow trout may be retained.

Elochoman River (Wahkiakum County): Closed waters: Waters from 100 feet above the upper hatchery rack downstream to the Elochoman Hatchery Bridge located 400 feet below the upper hatchery rack; waters from a point 50 feet above to 100 feet below the outlet pipes from the most downstream Elochoman Hatchery rearing pond and extending 30 feet out from the south bank of the river; waters between the department of fish and wildlife temporary rack downstream to Foster (Risk) Road Bridge while rack is installed in the river; mainstem waters from the confluence of the west fork to source.

From mouth to West Fork: ~~((June 1))~~ The first Saturday in June through March 15 season. ~~((Nonbuoyant lure restriction))~~ Anti-snagging rule and night closure September 1 through October 31. Stationary gear restriction September 1 through October 31. Trout: Release all fish except up to two hatchery steelhead may be retained per day. Salmon: Open only September 1 through December 31. September 1 through October 15, daily limit 6 fish, of which no more than 4 may be adult coho. Release chum, wild coho, wild Chinook, and hatchery adult Chinook. October 16 through December 31, daily limit 6 fish, of which no more than 2 may be adult coho. Release chum, wild coho, wild Chinook, and hatchery adult Chinook.

Eloika Lake (Spokane County): Crappie: Daily limit ten, minimum length nine inches.

Elwha River (Clallam County): Closed waters: From south spillway on Aldwell Dam downstream two hundred feet.

From mouth to two hundred feet below the south spillway on the Aldwell Dam: October 1 through last day in February season. Fishing from any floating device prohibited. Trout: Minimum length fourteen inches. Salmon: Open only October 1 through November 15. Daily limit 6 coho salmon of which no more than 4 may be adult coho salmon.

From Lake Aldwell upstream to Olympic National Park boundary, including all tributaries except Indian Creek: Selective gear rules. Trout: Minimum length twelve inches.

Empire Lake (Ferry County): Last Saturday in April through October 31 season.

Enchantment Park Ponds (Chelan County): Juveniles only.

Entiat River (Chelan County), from mouth to Entiat Falls: December 1 through March 31 season. Whitefish gear rules apply. Above Entiat Falls: Selective gear rules. Trout: Daily limit 5 trout, not more than one of which may be greater than 12 inches in length. Eastern brook trout not included in trout daily limit. Eastern brook trout daily limit ten. Once the daily limit of trout other than eastern brook trout has been achieved, the entire daily limit for trout other than eastern brook trout and eastern brook trout has been taken.

Ephrata Lake (Grant County): Closed waters.

Erie Lake (Skagit County): Last Saturday in April through October 31 season.

Failor Lake (Grays Harbor County): Last Saturday in April through October 31 season. Trout: No more than two over 15 inches in length may be retained per day.

Fan Lake (Pend Oreille County): Last Saturday in April through September 30 season. Fishing from a floating device equipped with an internal combustion motor prohibited.

Fazon Lake (Whatcom County): Fishing from any floating device prohibited from first Friday in October through January 15. Channel catfish: Daily and possession limit two.

Fio Rito Lakes (Kittitas County): Fishing from a floating device equipped with an internal combustion motor prohibited.

Fish Lake (Chelan County): Trout: No more than two over fifteen inches in length may be retained.

Fish Lake (Ferry County): Last Saturday in April through October 31 season.

Fish Lake (Okanogan County): Last Saturday in April through October 31 season.

Fish Lake (Spokane County): Last Saturday in April through September 30 season. Fishing from a floating device equipped with an internal combustion motor prohibited.

Fisher Slough (Snohomish County):

~~((From mouth to Highway 530 Bridge: Year-round season. Trout: Minimum length fourteen inches.~~

~~Upstream from Highway 530 Bridge:))~~ Trout: Minimum length fourteen inches.

Fishhook Pond (Walla Walla County): March 1 through October 31 season. Fishing from any floating device prohibited. Trout: No more than 2 trout over 13 inches in length may be retained.

Fishtrap Creek (Whatcom County): From Koh Road to Bender Road: ~~((June 1 through October 31 season:))~~ Juveniles only.

Fishtrap Lake (Lincoln/Spokane counties): Last Saturday in April through September 30 season.

Forde Lake (Okanogan County): Last Saturday in April through October 31 season.

Fort Borst Park Pond (Lewis County): Last Saturday in April through last day in February season. Juveniles only.

Fortson Mill Pond # 2 (Snohomish County): Last Saturday in April through October 31 season. Juveniles only.

Fourth of July Lake (Adams/Lincoln counties): December 1 through March 31 season. Fishing from a floating device equipped with an internal combustion motor prohibited. Trout: No more than two over fourteen inches in length may be retained.

Franz Lake (Skamania County): Closed waters.

Frater Lake (Pend Oreille County): Last Saturday in April through October 31 season.

Frenchman Hills Lake (Grant County): February 1 through September 30 season.

Gadwall Lake (Grant County): April 1 through September 30 season.

Garfield Juvenile Pond (Whitman County): Juveniles only.

George Lake (Grant County): March 1 through July 31 season.

Geneva Lake (King County): Last Saturday in April through October 31 season.

Germany Creek (Cowlitz County), from mouth to end of Germany Creek Road (approximately five miles): ~~((June 1))~~ The first Saturday in June through August 31 and November 1 through March 15 season. Trout: Release all fish except up to two hatchery steelhead may be retained per day.

Gibbs Lake (Jefferson County): Selective gear rules. Trout: Release all trout.

Gillette Lake (Stevens County): Last Saturday in April through October 31 season.

Gissberg Pond, North (Snohomish County): Juveniles only.

Gissberg Ponds (Snohomish County): Channel catfish: Daily limit 2, no minimum size.

Goat Creek (Okanogan County): Closed waters.

Gobar Creek (tributary to Kalama River) (Cowlitz County): ~~((June 1))~~ The first Saturday in June through March 31 season. Selective gear rules. All species: Release all fish.

Gold Creek, Gold Creek Pond and Outlet Channel (tributary to Keechelus Lake) (Kittitas County): Closed waters.

Gold Creek (Okanogan County): From mouth to confluence north fork Gold Creek: Closed waters.

Goldsborough Creek (Mason County): Trout: Minimum length fourteen inches.

Golf Course Pond (Asotin County): Trout: No more than 2 trout over 13 inches in length may be retained.

Goodman Creek (Jefferson County) outside Olympic National Park: ~~((June 1))~~ The first Saturday in June through last day in February season. Trout, minimum length fourteen inches.

Goodwin Lake (Snohomish County): Chumming permitted.

Goose Creek (Lincoln County), within the city limits of Wilbur: Year around season. Juveniles and holders of disability licenses only.

Goose Lake, Lower (Adams County): Crappie: Daily limit ten, minimum length nine inches. Bluegill: Not more than five over six inches in length.

Gorst Creek (Kitsap County): Closed waters: From lower bridge on the old Belfair Highway upstream to source (including tributaries). From mouth upstream to lower bridge: Trout: Minimum length fourteen inches.

Gosnell Creek and tributaries (tributary to Lake Isabella) (Mason County): Trout: Minimum length fourteen inches.

Goss Lake (Island County): Last Saturday in April through October 31 season.

Grande Ronde River (Asotin County):

From mouth to County Road Bridge about two and one-half miles upstream: Year-round season. Selective gear rules September 1 through May 31. Trout: Minimum length ten inches, maximum length twenty inches. Channel catfish: No daily limit mouth to Oregon state line.

From County Road Bridge upstream to Oregon state line and all tributaries: ~~((June 1 through October 31 season.))~~ Selective gear rules ~~((June 1))~~ the first Saturday in June through August 31 and barbless hooks required September 1 through October 31. Additional season November 1 through April 15: Barbless hooks required. All tributaries: Closed waters. All species: Release all fish except whitefish and hatchery steelhead. Trout: Daily limit three hatchery steelhead.

Granite Creek and tributaries (Pend Oreille County): Closed waters.

Granite Lakes (near Marblemount) (Skagit County): Grayling: Release all grayling.

Grass Lake (Mason County): Last Saturday in April through October 31 season.

Gray Wolf River (Clallam County): From junction with Dungeness River to bridge at river mile 1.0 - Closed waters.

From bridge at river mile 1.0 upstream - selective gear rules. Trout: Minimum length fourteen inches.

Grays River (Wahkiakum County), from mouth to Highway 4 Bridge: ~~((September 1))~~ First Saturday in June through October 15 and November 15 through March 15 season; and from Highway 4 Bridge to mouth of South Fork: ~~((September 1))~~ First Saturday in June through October 15 and December ~~((15))~~ 1 through March 15 season. ~~((Nonbuoyant lure restriction))~~ Anti-snagging rule, night closure and sta-

tionary gear restriction September 1 through October 15. All game fish: Release all fish except hatchery steelhead. Salmon: Open only September 1 through October 15 from mouth to South Fork. Daily limit 6 fish, of which no more than four may be adult salmon, and of the 4 adults, only 2 may be adult Chinook. Release chum, wild coho and unmarked Chinook. Unmarked Chinook are Chinook without either a clipped ventral fin or a clipped adipose fin.

Grays River, East Fork (Wahkiakum County): Selective gear rules. Trout: Release all fish except up to two hatchery steelhead may be retained per day.

Grays River, West Fork (Wahkiakum County), downstream from hatchery intake footbridge: ~~((June 1))~~ The first Saturday in June - ~~((August 31))~~ October 15 season. All species: Release all fish except up to two hatchery steelhead may be retained per day. Trout: Additional December ~~((15))~~ 1 through March 15 season downstream from hatchery intake footbridge. Release all fish other than hatchery steelhead. Salmon: Additional September 1 through October 15 season. ~~((Nonbuoyant lure restriction))~~ Anti-snagging rule, night closure and stationary gear restriction. Daily limit 6 fish of which not more than 4 may be adult salmon, and of the 4 adults, only 2 may be adult Chinook. Release chum, wild coho and unmarked Chinook. Unmarked Chinook are Chinook without either a clipped ventral fin or a clipped adipose fin.

Green Lake (Okanogan County): April 1 through November 30: Selective gear rules, and all species: Release all fish.

Green Lake (Lower) (Okanogan County): April 1 through November 30: Selective gear rules, and all species: Release all fish.

Green River (Cowlitz County): Closed waters: All tributaries.

From mouth to 2800 Bridge: ~~((June 1))~~ The first Saturday in June through November 30 season except closed from 400 feet above to 400 feet below the water intake at the upper end of the hatchery grounds during the period September 1 through November 30 and from 400 feet or posted signs above and below the salmon hatchery rack when the rack is installed in the river. ~~((Nonbuoyant lure restriction))~~ Anti-snagging rule and night closure September 1 through October 31 from mouth to 400 feet below salmon hatchery rack. All species: When ~~((nonbuoyant lure restriction))~~ anti-snagging rule in effect, only fish hooked inside the mouth may be retained. Trout: Release all trout except hatchery steelhead. Salmon: Open August 1 through November 30. Daily limit 6 fish, of which not more than four may be adult coho. Release chum, wild coho, wild Chinook, and hatchery adult Chinook.

From 2800 Bridge to source: Closed waters.

Green (Duwamish) River (King County):

From the First Avenue South Bridge to Tukwila International Boulevard/Old Highway 99: ~~((June 1))~~ The first Saturday in June through July 31 and September 16 through February 15 season. ~~((Nonbuoyant lure restriction))~~ Anti-snagging rule and night closure September 16 through November 30. Fishing from any floating device prohibited November 1 through February 15. Trout: Minimum length fourteen

inches. July 1 through July 31 and September 16 through November 30, one wild steelhead per day may be retained. Salmon: Open only September 16 through December 31. Daily limit 6 fish, of which no more than 3 may be adult salmon. Release Chinook.

From Tukwila International Boulevard/Old Highway 99 to the Interstate 405 Bridge: ~~((June 1))~~ The first Saturday in June through July 31 and September 1 through February 15 season. ~~((Nonbuoyant lure restriction))~~ Anti-snagging rule and night closure September 1 through November 30. Fishing from any floating device prohibited November 1 through February 15. Trout: Minimum length fourteen inches. July 1 through July 31 and September 1 through November 30, one wild steelhead per day may be retained. Salmon: Open only September 1 through December 31. Daily limit 6 fish, of which no more than 3 may be adult salmon, and only 1 may be a Chinook.

From the Interstate 405 Bridge to South 277th Street Bridge in Auburn: Open only ~~((June 1))~~ The first Saturday in June through July 31 and October 1 through February 15. ~~((Nonbuoyant lure restriction))~~ Anti-snagging rule and night closure October 1 through November 30. Fishing from any floating device prohibited November 1 through February 15. Trout: Minimum length fourteen inches. July 1 through July 31 and October 1 through November 30, one wild steelhead per day may be retained. Salmon: Open only October 1 through December 31. Daily limit 6 fish of which not more than 3 may be adult salmon. Release Chinook.

From the 277th Street Bridge to Auburn-Black Diamond Road Bridge: Open only ~~((June 1))~~ The first Saturday in June through August 15 and October 16 through last day in February. ~~((Nonbuoyant lure restriction))~~ Anti-snagging rule and night closure October 16 through November 30. Fishing from a floating device prohibited November 1 through last day in February. Trout, minimum length fourteen inches. July 1 through August 15 and October 16 through November 30, one wild steelhead per day may be retained. Salmon: Open only October 16 through December 31. Daily limit 6 fish of which no more than 3 may be adult salmon. Release Chinook.

From the Auburn-Black Diamond Road Bridge to the Tacoma Headworks Dam: ~~((June 1))~~ The first Saturday in June through last day in February season. ~~((Nonbuoyant lure restriction))~~ Anti-snagging rule and night closure August 1 through November 30. Closed waters: Within 150 feet of the Palmer Pond outlet rack and within 150 feet of the mouth of Keta Creek. Trout: Minimum length 14 inches. July 1 through November 30, one wild steelhead per day may be retained. Salmon: Open only November 1 through December 31. Daily limit 2 chum.

Greenwater River (King County), from mouth to Greenwater Lakes: July 1 through October 31 season. Selective gear rules. Trout: Minimum length 14 inches.

Grimes Lake (Douglas County): June 1 through August 31 season. Selective gear rules. Trout: Daily limit one.

Grizzly Lake (Skamania County): Closed waters.

Halfmoon Lake (Adams County): April 1 through September 30 season.

Halfmoon Lake (Pend Oreille County): Last Saturday in April through October 31 season.

Hamilton Creek (Skamania County): Trout: Release all fish except up to two hatchery steelhead may be retained per day. All tributaries downstream from the Highway 14 Bridge: Closed waters.

Hamma Hamma River (Mason County):

From mouth to four hundred feet below falls: ~~((June 1))~~ The first Saturday in June through August 31 season. Selective gear rules. All species: Release all fish.

Hammersley Inlet Freshwater Tributaries (Mason County), except Mill Creek: Closed waters.

Hampton Lakes, Lower and Upper (Grant County): April 1 through September 30 season. Fishing from a floating device equipped with an internal combustion motor prohibited.

Hancock Lake (King County): Last Saturday in April through October 31 season. All tributary streams and the upper third of the outlet are closed waters.

Harvey Creek (tributary to Sullivan Lake) (Pend Oreille County):

From mouth to Bridge 4830 on county road (about one and one-half miles): Closed waters.

From Bridge 4830 upstream: Selective gear rules.

Harvey Creek (tributary to Stillaguamish River) (Snohomish County): Closed waters.

Hatch Lake (Stevens County): December 1 through March 31 season. All species: Catch and release except up to five rainbow trout may be retained.

Hatchery Lake (Mason County): Last Saturday in April through October 31 season.

Haven Lake (Mason County): Last Saturday in April through October 31 season.

Hawk Creek and tributaries (Lincoln County): Year-round season.

Hays Creek and Ponds (Adams County): April 1 through September 30 season.

Headgate Pond (Asotin County): Last Saturday in April through October 31 season. Juveniles, seniors and holders of disability licenses only.

Heart Lake (near Anacortes) (Skagit County): Last Saturday in April through October 31 season.

Heins Lake (Kitsap County): Closed waters.

Hemlock Lake (Trout Creek Reservoir) (Skamania County): Closed waters.

Hen Lake (Grant County): April 1 through September 30 season.

Heritage Lake (Stevens County): Last Saturday in April through October 31 season.

Herman Lake (Adams County): April 1 through September 30 season.

Hicks Lake (Thurston County): Last Saturday in April through October 31 season.

Hog Canyon Creek (Spokane County): Hog Canyon Dam to Scroggie Road: Year-round season.

Hog Canyon Lake (Spokane County): December 1 through March 31 season. Trout: No more than two over fourteen inches in length may be retained.

Hoh River (Jefferson County), outside of Olympic National Park: May 16 through April 15 season. May 16 through ~~((May 31))~~ the Friday before the first Saturday in June, open Wednesday through Sunday downstream from Willoughby Creek only. Willoughby Creek upstream to park boundary closed through ~~((May 31))~~ the Friday before the first Saturday in June. Selective gear rules, except a person can fish from a floating device equipped with an internal combustion motor July 1 through August 31 from Olympic National Park upstream to DNR Oxbow Campground Boat Launch. Selective gear rules July 1 through October 15 from DNR Oxbow Campground Boat Launch to Willoughby Creek, ~~((June 1))~~ the first Saturday in June through October 15 from Willoughby Creek to Morgan's Crossing Boat Launch, ~~((June 1))~~ the first Saturday in June through November 30 from Morgan's Crossing Boat Launch to the mouth of South Fork, and December 1 through April 15 from DNR Oxbow Campground Boat Launch to mouth of South Fork. Trout: Minimum length fourteen inches. Catch and release during May, except up to two hatchery steelhead may be retained on open days. November 1 through February 15, daily limit three steelhead downstream from the Oxbow Campground Boat Launch. December 1 through April 15, downstream of DNR Oxbow Campground Boat Launch, one wild steelhead per day may be retained. Salmon: Open only May 16 through November 30 downstream of Willoughby Creek and October 16 through November 30 Willoughby Creek to Morgan's Crossing Boat Launch. Daily limit 6 fish of which no more than 2 may be adult salmon except May 16 through August 31 downstream of Willoughby Creek open Wednesday through Sunday only of each week, daily limit may contain no more than one adult salmon, and release wild Chinook. September 1 through October 15 from Willoughby Creek to DNR Oxbow Campground Boat Launch, release wild Chinook.

Hoh River South Fork (Jefferson County), outside Olympic National Park: ~~((June 1))~~ The first Saturday in June through April 15 season. Selective gear rules. Trout: Minimum length fourteen inches.

Hoko River (Clallam County): From mouth to upper Hoko Bridge: Fly fishing only September 1 through October 31. Additional November 1 through March 15 season. Trout: Minimum length fourteen inches. December 1 through March 15, one wild steelhead per day may be retained.

From upper Hoko Bridge to Ellis Creek Bridge (river mile 18.5): ~~((June 1))~~ The first Saturday in June through March 31 season. Fly fishing only. All species: Release all fish except ~~((that))~~ up to two hatchery steelhead per day may be retained.

Homestead Lake (Grant County): Selective gear rules. Trout: Daily limit one fish.

Hoquiam River, including all forks (Grays Harbor County): ~~((June 1))~~ The first Saturday in June through last day of February season. Single point barbless hooks required August 16 through November 30. Trout: Minimum length fourteen inches. Salmon: Open only October 1 through November 30 from mouth to bridge on Dekay Road on mainstem and East Fork mouth to mouth of Berryman Creek. Daily limit 6 fish of which no more than 2 may be adult salmon, except release chum, wild coho, and adult Chinook.

Horseshoe Lake (Clark/Cowlitz counties): Trout: No more than 2 trout 20 inches or greater in length may be retained. Salmon: Landlocked salmon rules apply.

Horseshoe Lake (Jefferson County): Last Saturday in April through October 31 season. Selective gear rules. Trout: Daily limit 1.

Horseshoe Lake (Kitsap County): Last Saturday in April through October 31 season. Salmon: Landlocked salmon rules apply.

Horseshoe Lake (Pend Oreille County): Last Saturday in April through October 31 season. Trout except kokanee: Daily limit five. Kokanee not counted in daily trout limit. Kokanee daily limit ten.

Horsethief Lake (Klickitat County): Last Saturday in April through October 31 season.

Hourglass Lake (Grant County): April 1 through September 30 season.

Howard Lake (Snohomish County): Last Saturday in April through October 31 season.

Howell Lake (Mason County): Last Saturday in April through October 31 season.

Hozomeen Lake (Whatcom County): July 1 through October 31 season.

Huff Lake (Pend Oreille County): Closed waters.

Humptulips River (Grays Harbor County), from mouth to Highway 101 Bridge: ~~((June 1))~~ The first Saturday in June through March 31 season, except closed September 1 through September 30. Night closure and single-point barbless hooks required August 16 through November 30. Bait prohibited October 1 through October 15. Trout: Minimum length fourteen inches. Salmon: Open October 1 through January 31. October 1 through October 15, daily limit of 6 salmon, no more than two of which may be adult salmon. Release chum, wild coho, and adult Chinook. October 16 through January 31, daily limit of 6 salmon, not more than two of which may be adult salmon. Release chum, wild coho, and adult Chinook. From Highway 101 Bridge to forks: ~~((June 1))~~ The first Saturday in June through last day in February season. Night closure and single point barbless hooks required August 16 through November 30. Trout: Minimum length fourteen inches. Additional season March 1 through March 31. Selective gear rules. All species: Release all fish except up to two hatchery steelhead may be retained.

Humptulips River, East Fork (Grays Harbor County), from mouth to concrete bridge on Forest Service Road between Humptulips Guard Station and Grisdale: ~~((Nonbuoyant lure restriction))~~ Anti-snagging rule and night closure August 16 through ~~((November 30))~~ October 31. Trout: Minimum length fourteen inches.

Humptulips River, West Fork (Grays Harbor County), from mouth to Donkey Creek: ~~((June 4))~~ The first Saturday in June through last day in February season. ~~((Nonbuoyant lure restriction))~~ Anti-snagging rule and night closure August 16 through November 30. Trout: Minimum length fourteen inches. Additional season March 1 through March 31. Selective gear rules. All species: Release all fish except up to two hatchery steelhead may be retained.

Hutchinson Lake (Adams County): April 1 through September 30 season. Fishing from a floating device equipped with an internal combustion engine prohibited.

I-82 Ponds, 1 through 7 (Yakima County): Fishing from vessels equipped with internal combustion motors prohibited.

Icehouse Lake (Skamania County): Trout: No more than 2 trout 20 inches or greater in length may be retained.

Icicle River (Creek) (Chelan County):

From mouth to four hundred feet below Leavenworth National Fish Hatchery rack: Closed waters. From Leavenworth National Fish Hatchery rack upstream to Leland Creek: Selective gear rules.

Indian Creek (tributary to Elwha River) (Clallam County), from mouth upstream to first Highway 101 crossing: Selective gear rules. Trout: Minimum length twelve inches.

Indian Creek and tributaries (Pend Oreille County): Trout: Eastern brook trout not counted in daily trout limit. Eastern brook trout daily limit ten. Once the daily limit of trout other than eastern brook trout has been achieved, the entire daily limit for trout other than eastern brook trout and eastern brook trout has been taken.

Indian Creek (Yakima County): From mouth to waterfall approximately six miles upstream (including the portion of the creek that flows through the dry lakebed): Closed waters. Upstream of waterfall: Eastern brook trout do not count as part of trout daily limit. Eastern brook trout: No minimum size and no daily limit.

Indian Heaven Wilderness Lakes (Skamania County): Trout: Daily limit three.

Ingall's Creek (Chelan County): Mouth to Wilderness boundary: Closed waters.

Issaquah Creek (King County): ~~((June 4))~~ The first Saturday in June through August 31 season. Juveniles only.

Jackson Lake (Pierce County): Last Saturday in April through October 31 season.

Jameson Lake (Douglas County): Last Saturday in April through July 4 and October 1 through October 31 seasons.

Jasmine Creek (Okanogan County): Year-round season. Juveniles only.

Jefferson Park Pond (Walla Walla County): Juveniles only. Trout: No more than 2 trout over 13 inches in length may be retained.

Jennings Park Pond (Snohomish County): Last Saturday in April through October 31 season. Juveniles only.

Jewitt Creek (Klickitat County): Juveniles only. Trout: Daily limit five, no minimum length.

Jimmy-Come-Lately Creek (Clallam County): ~~((June 4))~~ The first Saturday in June through August 31 season. Trout: Minimum length fourteen inches.

Joe Creek (Grays Harbor County): Upstream from State Highway 109 Bridge to Ocean Beach Road Bridge: ~~((June 4))~~ The first Saturday in June through November 30 season. Single point barbless hooks required August 16 through November 30. Trout: Minimum length fourteen inches. Salmon: Open only September 1 through November 30. Daily limit 6 fish of which no more than 2 may be adult salmon. Release adult Chinook, and chum.

Johns Creek (Mason County): Closed waters.

Johns River (Grays Harbor County): Mouth to Ballon Creek: ~~((June 4))~~ The first Saturday in June through last day in February season. Single point barbless hooks required August 16 through November 30. Trout: Minimum length fourteen inches. Salmon: Open only October 1 through November 30. October 1 through October 15, daily limit 6 fish, of which no more than 2 may be adult salmon, and of the adult salmon, only 1 may be an adult wild coho. Release chum and adult Chinook. October 16 through November 30, daily limit 6 fish, of which no more than 2 may be adult salmon. Release chum, wild coho, and adult Chinook.

Ballon Creek upstream, including North and South Forks: ~~((June 4))~~ The first Saturday in June through September 30 and December 1 through last day in February season. Trout: Minimum length 14 inches.

Johnson Creek (tributary to Cowlitz River) (Lewis County): Selective gear rules. Trout: Minimum length ten inches.

Johnson Creek (Whatcom County), from Northern Pacific Railroad tracks to the Lawson Street footbridge in Sumas: Juveniles only.

Jump-Off Joe Lake (Stevens County): Last Saturday in April through October 31 season.

Kachess Lake (Reservoir) (Kittitas County): Chumming permitted. Trout except kokanee: Daily limit two, minimum length twelve inches. Kokanee not counted in daily trout limit. Kokanee daily limit sixteen.

Kachess River (Kittitas County): Lawful to fish to base of Kachess Dam. Selective gear rules. From Kachess Lake (Reservoir) upstream to waterfall approximately one-half mile above Mineral Creek: Closed waters.

Kalaloch Creek (Jefferson County), outside Olympic National Park: Closed waters: Those waters within the section posted as the Olympic National Park water supply ~~((June 4))~~ the first Saturday in June through last day in February sea-

son. Selective gear rules. Trout: Minimum length fourteen inches.

Kalama River (Cowlitz County): Release wild cutthroat.

From mouth upstream to one thousand feet below fishway at upper salmon hatchery: Year-round season except during the period the temporary fish rack is installed. Waters from Modrow Bridge downstream to one thousand five hundred feet below the rack are closed waters when the rack is installed. ~~((Nonbuoyant lure restriction))~~ Anti-snagging rule and night closure April 1 through October 31 from the mouth to the intake at the lower salmon hatchery. Stationary gear restriction September 1 through October 31 from mouth to the natural gas pipeline at Mahaffey's Campground. All species: When ~~((nonbuoyant lure restriction))~~ anti-snagging rule in effect only fish hooked inside the mouth may be retained. Fishing from a floating device equipped with a motor prohibited upstream of Modrow Bridge. September 1 through October 31: Fly fishing only from the pipeline crossing to the posted deadline at the intake to the lower salmon hatchery. All game fish: Release all fish year-round except up to two hatchery steelhead may be retained per day. Salmon: Open year-round. January 1 through July 31, daily limit 6 fish of which no more than 2 may be adult salmon. Release wild Chinook and wild coho. August 1 through December 31, daily limit 6 fish of which no more than 4 may be adult salmon, and of the adult salmon only 2 may be adult Chinook. Release chum, wild jack Chinook, and wild coho. October 1 through December 31, release adult Chinook upstream of natural gas pipeline crossing.

From one thousand feet below to one thousand feet above the fishway at upper salmon hatchery: Closed waters.

From one thousand feet above the fishway at the upper salmon hatchery to Summers Creek: Year-round season. Fishing from a floating device equipped with a motor prohibited. Selective gear rules. All species: Release all fish.

From Summers Creek upstream to the 6420 Road at about one mile above the gate at the end of the county road: ~~((June 1))~~ The first Saturday in June through March 31 season. Fishing from a floating device equipped with a motor prohibited. Fly fishing only. All species: Release all fish.

From 6420 Road to Kalama Falls: Closed waters.

Kalispell Creek and tributaries (Pend Oreille County): Last Saturday in April through October 31 season. Selective gear rules.

Keechelus Lake (Reservoir) (Kittitas County): Chumming permitted. Trout except kokanee: Daily limit two, minimum length twelve inches, additionally up to sixteen kokanee may be retained.

Kelsey Creek (tributary of Lake Washington) (King County): ~~((June 1))~~ The first Saturday in June through August 31 season. Juveniles only.

Kennedy Creek (Thurston County), from mouth to four hundred feet below falls: ~~((June 1))~~ The first Saturday in June through last day in February season. ~~((Nonbuoyant lure restriction))~~ Anti-snagging rule and night closure October 1 through December 31. Trout: Minimum length fourteen inches. Salmon: Open only October 1 through November 30

from mouth to northbound Highway 101 Bridge. Barbless hooks required. Daily limit 6 fish of which no more than 2 may be adult salmon. Release wild coho.

Kennedy Creek Pond (Thurston County): Last Saturday in April through October 31 season.

Kettle River (Stevens County):

~~((June 1))~~ The Saturday before Memorial Day through October 31 season. All species: Selective gear rules. Trout: Minimum length 12 inches. Sturgeon: Unlawful to fish for or retain sturgeon.

Additional season: November 1 through May 31. Whitefish gear rules apply.

Ki Lake (Snohomish County): Last Saturday in April through October 31 season.

Kidney Lake (Skamania County): Last Saturday in April through last day in February season.

Kimball Creek (near Snoqualmie) (King County): Last Saturday in April through October 31 season. Juveniles only. Trout: No minimum length.

Kings Lake and tributaries (Pend Oreille County): Closed waters.

Kings Lake Bog (King County): Closed waters.

Kiwanis Pond (Kittitas County): Juveniles and holders of disability licenses only.

Klaus Lake (King County): Last Saturday in April through October 31 season. Closed waters: The inlet and outlet to first Weyerhaeuser spur.

Klickitat River (Klickitat County):

From mouth to Fisher Hill Bridge: April 1 through January 31 season. ~~((Nonbuoyant lure restriction))~~ Anti-snagging rule and night closure May 1 through May 31. ~~((Nonbuoyant lure restriction))~~ Anti-snagging rule August 1 through January 31. Game fish: Closed December 1 through January 31. Release game fish other than steelhead April 1 through May 31. Trout: Minimum length twelve inches. Steelhead and salmon: Open April 1 through May 31 on Mondays, Wednesdays and Saturdays only; daily limit 1 hatchery steelhead or 1 salmon. Release wild Chinook. Salmon: June 1 through January 31 daily limit 6 fish of which no more than 2 may be adult salmon. Release wild Chinook June 1 through July 31.

From Fisher Hill Bridge to four hundred feet above # 5 fishway: Closed waters.

From four hundred feet above # 5 fishway to the Yakama Indian Reservation boundary: June 1 through November 30 season, except waters from boundary markers above Klickitat salmon hatchery to boundary markers below hatchery are closed waters. Trout: Minimum length twelve inches. Salmon: Open only June 1 through November 30 from 400 feet above No. 5 Fishway to boundary markers below Klickitat Salmon Hatchery. June 1 through July 31: Daily limit 6 salmon. Release adult salmon and release wild Chinook. August 1 through November 30: Daily limit 6 fish of which no more than 2 may be adult salmon. Release Chinook

November 1 through November 30. Additional December 1 through March 31 season. Whitefish gear rules apply.

From the Yakama Indian Reservation boundary upstream to source, including all tributaries: Closed waters.

Klineline Ponds (Clark County): Trout: No more than 2 trout 20 inches in length or greater may be retained.

Koeneman Lake (Fern Lake) (Kitsap County): Last Saturday in April through October 31 season. Selective gear rules. All species: Release all fish.

Kress Lake (Cowlitz County): Fishing from a floating device equipped with an internal combustion motor prohibited. Trout: No more than 2 trout 20 inches in length or greater may be retained. Salmon: Landlocked salmon rules apply.

Lacamas Creek (Clark County): Lawful to fish upstream to the base of Lacamas Lake Dam.

Lacamas Creek, tributary of Cowlitz River (Lewis County): (~~June 1 through last day in February season~~) Trout: Release all (~~fish~~) trout except up to two hatchery steelhead may be retained per day.

Lake Creek (Okanogan County): Mouth to Black Lake: Closed waters. Black Lake to Three Prong Creek: Closed waters.

Langlois Lake (King County): Last Saturday in April through October 31 season.

Latah (Hangman) Creek (Spokane County): Year-round season.

Leader Lake (Okanogan County): Last Saturday in April through September 30 season.

Le Clerc Creek and tributaries (Pend Oreille County): Trout: Eastern brook trout not counted in daily trout limit. Eastern brook trout daily limit ten. Once the daily limit of trout other than eastern brook trout has been achieved, the entire daily limit for trout other than eastern brook trout and eastern brook trout has been taken.

Ledbetter Lake (Pend Oreille County): Last Saturday in April through October 31 season.

Ledking Lake (Pend Oreille County): Last Saturday in April through October 31 season.

Leech Lake (White Pass area) (Yakima County): Fly fishing only. Fishing prohibited from floating devices equipped with motors. Trout: No more than one over 14 inches in length.

Lemna Lake (Grant County): April 1 through September 30 season.

Lenice Lake (Grant County): March 1 through November 30 season. Selective gear rules. Trout: Daily limit one.

Lena Lake, Lower (Jefferson County): Closed waters: Inlet stream from mouth upstream to footbridge (about one hundred feet).

Lenore Lake (Grant County): Closed waters: Area within two hundred yard radius of trash rack leading to the irrigation pumping station (south end of lake) and area approximately

one hundred yards beyond the mouth of inlet stream to State Highway 17. March 1 through May 31 season: Selective gear rules. All species: Release all fish. Additional season (~~June 4~~) the first Saturday in June through November 30: Selective gear rules. Trout: Daily limit one.

Leo Lake (Pend Oreille County): Last Saturday in April through October 31 season.

Lewis River (Clark County), from mouth to forks: Year-round season. Trout: Release all fish except up to two hatchery steelhead may be retained per day. Salmon: Open year-round. January 1 through July 31, daily limit six fish of which not more than 2 may be adult salmon. Release sockeye, wild Chinook, and wild coho. August 1 through December 31, daily limit 6 hatchery coho, of which no more than 4 may be adult hatchery coho. Sturgeon: Seasons, days of the week, daily limits, and size limits same as in adjacent waters of mainstem Columbia River.

Lewis River, East Fork (Clark/Skamania counties): Closed waters: From the posted markers at the lower end of Big Eddy to one hundred feet above Lucia Falls; from four hundred feet below to four hundred feet above Molton Falls; from four hundred feet below Horseshoe Falls upstream including all tributaries above Horseshoe Falls.

Mouth to 400 feet below Horseshoe Falls: (~~June 4~~) The first Saturday in June through March 15 season. Trout: Release all trout except up to two hatchery steelhead per day may be retained. Mouth to top boat ramp at Lewisville Park: Additional April 16 through (~~May 31~~) the Friday before the first Saturday in June season. Selective gear rules. Release all fish except up to two hatchery steelhead may be retained per day.

Lewis River, North Fork (Clark/Skamania counties):

From mouth to Colvin Creek: Year-round season except those waters shoreward of the cable buoy and corkline at the mouth of the Lewis River Salmon Hatchery fish ladder are closed waters. (~~Nonbuoyant lure restriction~~) Anti-snagging rule and night closure April 1 through November 30 from Johnson Creek to Colvin Creek. When (~~nonbuoyant lure restriction~~) anti-snagging rule is in effect, only fish hooked inside the mouth may be retained. August 1 through December 15, fishing from any floating device prohibited from Johnson Creek to Colvin Creek. Trout: Release all fish except up to two hatchery steelhead may be retained per day. Salmon: Open year-round. January 1 through July 31, daily limit six fish of which not more than 2 may be adult salmon. Release sockeye, wild Chinook and wild coho. August 1 through December 31, daily limit 6 hatchery coho, of which no more than 4 may be adult hatchery coho. Sturgeon: Seasons, days of the week, daily limits, and size limits same as in waters of mainstem Columbia River adjacent to mouth of Lewis River.

From mouth of Colvin Creek to overhead powerlines at Merwin Dam: May 1 through September 30 and December 16 through April 30 season. August 1 through September 30, fishing from any floating device prohibited. (~~Nonbuoyant lure restriction~~) Anti-snagging rule and night closure April 1 through September 30. When (~~nonbuoyant lure restriction~~) anti-snagging rule is in effect, only fish hooked inside the

mouth may be retained. Trout: Release all fish except up to two hatchery steelhead may be retained per day. Salmon: Open only January 1 through September 30 and December 16 through December 31. January 1 through July 31, daily limit 6 fish of which no more than 2 may be adult salmon. Release sockeye, wild Chinook and wild coho. August 1 through September 30 and December 16 through December 31, daily limit 6 hatchery coho, of which no more than 4 may be adult hatchery coho. Sturgeon: Seasons, days of the week, daily limits, and size limits same as in waters of mainstem Columbia River adjacent to mouth of Lewis River.

From overhead powerlines at Merwin Dam to Merwin Dam: Closed waters.

From the cable crossing 1,300 feet below Yale Dam to Yale Dam: Closed waters.

Within Lewis River Power Canal: From the fishing pier to the access road at Swift Dam: Last Saturday in April through October 31 season. Fishing from a floating device prohibited. Trout: No minimum size, daily limit 5.

From Eagle Cliff Bridge to lower falls including all tributaries: Selective gear rules. All species: Release all fish.

Liberty Lake (Spokane County): March 1 through October 31 season.

Lilliwaup River (Mason County): Mouth to 200 feet below falls: ~~((June 1))~~ The first Saturday in June through August 31 season. Selective gear rules. All species: Release all fish.

Lilly Lake (Chelan County): Last Saturday in April through October 31 season. July 5 through October 31, selective gear rules, and all species: Release all fish.

Limerick Lake (Mason County): Last Saturday in April through October 31 season.

Lincoln Pond (Clallam County): Juveniles only.

Lions Park Pond (Walla Walla County): Juveniles only. Trout: No more than 2 trout over 13 inches in length may be retained.

Little Ash Lake (Skamania County): Trout: No more than 2 trout 20 inches in length or greater may be retained.

Little Bear Creek (tributary of Sammamish River) (Snohomish/King counties): ~~((June 1))~~ The first Saturday in June through August 31 season. Juveniles only.

Little Hoko River (Clallam County): Selective gear rules. All species: Release all fish.

Little Klickitat River (Klickitat County), within Goldendale city limits: Last Saturday in April through October 31 season. Juveniles only. Trout: Daily limit five, no minimum length.

Little Lost Lake (Pend Oreille County): Last Saturday in April through October 31 season.

Little Naches River (Yakima County): Selective gear rules.

Little Nisqually River (Lewis County): Selective gear rules. Trout: Minimum length ten inches.

Little Pend Oreille River (Stevens County) from the Little Pend Oreille wildlife refuge boundary about 1 mile down-

stream from the refuge headquarters office to Crystal Falls: Saturday before Memorial Day through October 31 season. Selective gear rules, and all species: Release all fish except up to five Eastern brook trout may be retained.

Little Quilcene River (Jefferson County), from mouth to the Little Quilcene River Bridge on Penny Creek Road: All species: Selective gear rules and release all fish. Closed waters: Mouth to Highway 101 Bridge September 1 through October 31.

Little Spokane River (Spokane County):

From mouth to SR 291 Bridge: Year-round season.

From SR 291 Bridge upstream to the West Branch: Last Saturday in April through October 31 season. Additional December 1 through March 31 season. Whitefish gear rules apply.

Upstream from bridge at Frideger Road: Closed waters: From the inlet to Chain Lake upstream one-quarter mile to the railroad crossing culvert. Trout: Release kokanee taken upstream from bridge.

Little Twin Lake (Okanogan County): Last Saturday in April through October 31 season. Selective gear rules. Trout: Daily limit one.

Little Twin Lake (Stevens County): Last Saturday in April through October 31.

Little Wenatchee River (Chelan County): From Lake Wenatchee to the falls below U.S. Forest Service Road 6700 Bridge at Riverside Campground: Closed waters.

Little White Salmon River (Skamania County): Closed waters: From the orange fishing boundary markers at Drano Lake upstream to the intake near the Little White Salmon National Fish Hatchery north boundary. Trout: Daily limit five. Drano Lake (waters downstream of markers on point of land downstream and across from Little White Salmon National Fish Hatchery): May 1 through March 31 season, except for hatchery steelhead and Chinook season in April, and except closed Wednesdays beginning the second Wednesday in April through May 31 and from 6 p.m. Tuesday through 6 p.m. Wednesday, October 1 through October 31. ~~((Nonbuoyant lure restriction))~~ Anti-snagging rule and night closure May 1 through June 30. ~~((Nonbuoyant lure restriction))~~ Anti-snagging rule August 1 through December 31. March 16 through June 30 daily limit of two fish, of which one or both may be hatchery steelhead or one or both may be Chinook salmon. Release wild Chinook. Trout and salmon: May 1 through June 30 release all fish except hatchery steelhead and Chinook salmon. Trout: July 1 through March 15 release all fish except up to two hatchery steelhead may be retained per day. Salmon: Open only August 1 through December 31. Daily limit six fish of which no more than two may be adult salmon. Release wild coho and wild jack Chinook.

Lone Lake (Island County): Selective gear rules. Trout: Daily limit one, minimum length 18 inches.

Long Lake (Ferry County): Last Saturday in April through October 31 season. Fly fishing only. Unlawful to fish from floating devices equipped with motors.

Long Lake (Okanogan County): Last Saturday in April through September 30 season.

Long Lake (Thurston County): Last Saturday in April through October 31 season.

Long's Pond (Thurston County): Juveniles only.

Loomis Lake (Pacific County): Last Saturday in April through October 31 season.

Loomis Pond (Grays Harbor County): Closed waters.

Loon Lake (Stevens County): Last Saturday in April through October 31 season. Trout except kokanee: Daily limit five, except no more than two over twenty inches in length may be retained. Kokanee not counted in daily trout limit. Kokanee daily limit ten.

Lost Lake (Kittitas County): Trout: Not more than 1 fish over 14 inches in length.

Lost Lake (Okanogan County): Unlawful to fish from a floating device equipped with an internal combustion engine.

Lost River (Okanogan County):

From mouth to mouth of Monument Creek: Closed waters.

From mouth of Monument Creek to outlet of Cougar Lake: Selective gear rules. Trout: Legal to retain Dolly Varden/Bull Trout as part of trout daily limit. Dolly Varden/Bull Trout daily limit two, minimum length fourteen inches.

Love Lake (Clark County): Closed waters.

Lucky Duck Pond (Stevens County): Juveniles only.

Ludlow Lake (Jefferson County): Last Saturday in April through October 31 season.

Lyle Lake (Adams County): April 1 through September 30 season.

Lyre River (Clallam County):

From mouth to falls near river mile 3: ~~((June 1))~~ The first Saturday in June through last day in February season. Trout: Minimum length fourteen inches.

From falls to source: Selective gear rules. All species: Release all fish.

Mad River (Chelan County), from mouth upstream to Jimmy Creek: Closed waters.

Maggie Lake (Mason County): Last Saturday in April through November 30 season. Salmon: Landlocked salmon rules apply.

Margaret Lake (King County): Last Saturday in April through October 31 season.

Marshal Lake (Pend Oreille County): Last Saturday in April through October 31 season.

Martha Lake (Grant County): March 1 through July 31 season.

Martha Lake (Snohomish County): Last Saturday in April through October 31 season.

Mashel River (Pierce County): July 1 through October 31 season. Selective gear rules. All species: Release all fish except up to two hatchery steelhead may be retained per day.

Mattoon Lake (Kittitas County): Fishing from a floating device equipped with an internal combustion engine prohibited.

May Creek (tributary of Lake Washington) (King County): ~~((June 1))~~ The first Saturday in June through August 31 season. Juveniles only.

Mayfield Lake (Reservoir) (Lewis County): Mayfield Dam to 400 feet below Mossyrock Dam: Closed waters: Tacoma Power safety signs at Onion Rock Bridge to Mossyrock Dam. Trout and salmon: Minimum length eight inches. Trout: Release cutthroat. Release rainbow trout except rainbow trout with a clipped adipose fin and a healed scar at the site of the clipped fin. Salmon: Open only September 1 through December 31. Daily limit 6 fish of which no more than 2 may be adult salmon. Release wild coho.

McAllister Creek (Thurston County): ~~((Nonbuoyant lure restriction))~~ Anti-snagging rule and night closure August 1 through November 30. Trout: Minimum length fourteen inches. Salmon: Open only July 1 through November 30 from mouth to Olympia - Steilacoom Road Bridge. Daily limit 6 fish of which no more than 2 may be adult salmon.

McCabe Pond (Kittitas County): Fishing from any floating device prohibited. All species: Five fish daily limit for all species combined.

McDonald Creek (Clallam County): Trout: Minimum length fourteen inches.

McDowell Lake (Stevens County): Last Saturday in April through October 31 season. Fly fishing only. Fishing from a floating device equipped with a motor prohibited. All species: Release all fish.

McIntosh Lake (Thurston County): Last Saturday in April through October 31 season.

McLane Creek (Thurston County): ~~((Nonbuoyant lure restriction))~~ Anti-snagging rule and night closure August 1 through October 31. Trout: Minimum length fourteen inches.

McLane Creek Ponds (Thurston County): Last Saturday in April through October 31 season.

McManaman Lake (Adams County): April 1 through September 30 season.

McMurray Lake (Skagit County): Last Saturday in April through October 31. Salmon: Landlocked salmon rules apply.

Medical Lake (Spokane County): March 1 through October 31 season. Selective gear rules except fishing from a floating device equipped with a motor prohibited. Trout: Daily limit two, minimum length fourteen inches.

Medical Lake, West (Spokane County): Last Saturday in April through September 30 season.

Melaney Creek (Mason County): Closed waters.

Melbourne Lake (Mason County): Last Saturday in April through October 31 season.

Mercer Creek (Kittitas County), that portion within Ellensburg city limits: Juveniles only. (~~Trout: Daily limit five, no minimum length.~~)

Mercer Slough (tributary of Lake Washington) (King County): (~~(June 1)~~) The first Saturday in June through August 31 season. Juveniles only.

Merrill Lake (Cowlitz County): Fly fishing only. Unlawful to fish from a floating device equipped with an internal combustion engine. Trout: Daily limit two, maximum length twelve inches.

Merritt Lake (Chelan County): Trout: Daily limit sixteen.

Merry Lake (Grant County): March 1 through November 30 season. Selective gear rules. Trout: Daily limit one.

Merwin Lake (Reservoir) (Clark/Cowlitz County): Salmon: Landlocked salmon rules apply.

Methow River (Okanogan County):

Mouth to County Road 1535 (Burma Road) Bridge: Closed waters (~~(June 1 through October 31)~~). County Road 1535 (Burma Road) Bridge to Foghorn Dam: (~~(June 1)~~) The first Saturday in June through September 30 season: Selective gear rules. All species: Release all fish. Foghorn Dam to Weeman Bridge: (~~(June 1)~~) The first Saturday in June through August 15 season. Selective gear rules. All species: Release all fish. Upstream from Weeman Bridge to the falls above Brush Creek: Closed waters (~~(June 1)~~) the first Saturday in June through October 31. Additional season Gold Creek to falls above Brush Creek: December 1 through March 31. Whitefish gear rules apply.

Methow River tributaries not otherwise provided for: Selective gear rules. Trout: Maximum length twenty inches.

Middle Nemah Pond (Pacific County): (~~(June 1)~~) The first Saturday in June through October 31 season.

Mill Creek (Chelan County): Closed waters.

Mill Creek (Cowlitz County): (~~(June 1)~~) The first Saturday in June through August 31 and November 1 through March 15 seasons. Trout: Release all fish except up to two hatchery steelhead may be retained per day.

Mill Creek (Lewis County): Additional season December 1 through December 31, mouth to hatchery road crossing culvert. (~~(Nonbuoyant lure restriction)~~) Anti-snagging rule and night closure. All species: Release all fish except that up to two hatchery steelhead with intact ventral fins may be retained per day.

Mill Creek (Mason County): Trout: Minimum length fourteen inches.

Mill Creek and tributaries (Pend Oreille County): Trout: Eastern brook trout not counted in daily trout limit. Eastern brook trout daily limit ten. Once the daily limit of trout other than eastern brook trout has been achieved, the entire daily limit for trout other than eastern brook trout and eastern brook trout has been taken.

Mill Creek (Walla Walla County):

From mouth to Gose St. Bridge: (~~(June 1)~~) The first Saturday in June through March 31 season. All species: Barbleless hooks required and release all fish except hatchery steelhead September 1 through March 31. Trout: Daily limit three hatchery steelhead.

From Gose St. Bridge to Roosevelt St. Bridge, within city limits of Walla Walla: Closed waters.

From Roosevelt St. Bridge upstream, including all tributaries: All tributaries: Closed waters. Selective gear rules. Trout: Maximum length twenty inches.

Mill Creek Pond (Grays Harbor County): Juveniles only.

Mill Pond (Auburn) (King County): Last Saturday in April through October 31 season. Juveniles only except open to all ages during Free Fishing Weekend (as defined in WAC 220-56-160).

Mill Pond (Pend Oreille County): Last Saturday in April through October 31 season.

Mineral Creek (tributary to upper Kachess River) (Kittitas County), from mouth to Wilderness Boundary: Closed waters.

Mineral Creek (tributary to Nisqually River), and Mineral Creek, North Fork (Lewis County): Selective gear rules. Trout: Minimum length twelve inches.

Mineral Lake (Lewis County): Last Saturday in April through September 30 season.

Minter Creek (Pierce/Kitsap counties): Closed waters: Area from department intake dam downstream to mouth (~~(June 1)~~) the first Saturday in June through October 31. Trout: Minimum length fourteen inches. Salmon: Open only November 1 through December 31 from mouth to 50 feet downstream of the hatchery rack. Daily limit 4 chum.

Mirror Lake (Grant County): Last Saturday in April through September 30 season.

Mission Lake (Kitsap County): Last Saturday in April through October 31 season.

Moclips River (Grays Harbor County), from mouth to the Quinault Indian Reservation: (~~(June 1)~~) The first Saturday in June through last day in February season. Trout: Minimum length fourteen inches.

Molson Lake (Okanogan County): Fishing from a floating device equipped with an internal combustion engine prohibited.

Monte Christo Lake (Snohomish County): The first Saturday in June ((+)) through October 31 season. Selective gear rules.

Mooses Pond (Pacific County): The first Saturday in June ((+)) through October 31 season.

Moran Slough (including inlet and outlet streams) (Grant County): Closed waters.

Morgan Lake (Adams County): April 1 through September 30 season.

Morse Creek (Clallam County), from mouth to Port Angeles Dam: December 1 through last day in February season. Trout: Minimum length fourteen inches.

Moses Lake (Grant County): Crappie: Daily limit ten, only crappie more than nine inches in length may be retained. Bluegill: Daily limit five, only bluegill more than eight inches in length may be retained. Walleye: Daily limit 8 walleye. Minimum length twelve inches. No more than one walleye over 22 inches in length may be retained. Yellow perch: Daily limit 25 yellow perch.

Mosquito Creek (Jefferson County), outside Olympic National Park: ~~((June 1))~~ The first Saturday in June through last day in February season. Selective gear rules. Trout: Minimum length fourteen inches.

Mountain Lake (San Juan County): Trout: Daily limit may not contain more than one trout over 18 inches in length.

Muck Creek and tributaries (within Ft. Lewis Military Reservation) (Pierce County): Selective gear rules. Trout: Release all trout.

Mud Lake (Mason County): Last Saturday in April through October 31 season.

Mud Lake (Yakima County): Selective gear rules. Trout: Daily limit one.

Mudget Lake (Stevens County): Last Saturday in April through October 31 season.

Munn Lake (Thurston County): Last Saturday in April through October 31 season. Additional season March 1 through the ~~((last))~~ Friday before the last Saturday in April. All species: Selective gear rules and release all fish.

Muskegon Lake (Pend Oreille County): Last Saturday in April through October 31 season. Selective gear rules. Trout: Daily limit two.

Murray Creek (Pierce County): Closed waters.

Myron Lake (Yakima County): Selective gear rules. Trout: Daily limit one.

Mystic Lake (Pend Oreille County): Last Saturday in April through October 31 season.

Naches River (Yakima/Kittitas counties):

From the mouth to Little Naches River: Selective gear rules. Trout: Minimum length twelve inches, maximum length twenty inches. Release trout ~~((June 1))~~ the first Saturday in June through October 31 from confluence with Tieton River to mouth of Rattle Snake Creek. Additional December 1 through March 31 season. Whitefish gear rules apply.

Naneum Creek (Kittitas County): Selective gear rules.

Naneum Pond (Kittitas County): Juveniles only.

Napeequa River (Chelan County): Mouth to Twin Lakes Creek: Closed waters.

Naselle River (Pacific/Wahkiakum counties), from Highway 101 Bridge upstream including all forks: Closed waters: Area from four hundred feet below falls in Sec. 6, T10N,

R8W (Wahkiakum County) to falls. Waters from the North Valley Road Bridge (Big Hill Bridge) to Highway 4 closed August 16 through October 15.

Mainstem: ~~((June 1))~~ The first Saturday in June through April 15 season, except sturgeon. Single point barbless hooks required August 16 through November 30 upstream from Highway 4 Bridge to Crown Main Line (Salme) Bridge. ~~((Nonbuoyant lure restriction))~~ Anti-snagging rule and night closure August 16 through November 30 downstream from North Fork. Stationary gear restrictions above mouth of South Fork August 16 through November 30. Selective gear rules March 1 through April 15 above mouth of South Fork. All game fish: Release all fish except up to two hatchery steelhead per day may be retained. Salmon: Open only August 1 through January 31 from Highway 101 Bridge to Highway 4 Bridge and October 16 through January 31 from the Highway 4 Bridge to the Crown Main Line Bridge. Daily limit 6 fish, of which no more than 3 may be adult salmon and of these 3 adult fish, no more than 2 may be adult Chinook. Release wild coho.

Sturgeon: Open year-round from mouth to Highway 4 Bridge.

From mouth of North Fork to source: Selective gear rules. All species: Release all fish except up to two hatchery steelhead per day may be retained.

South Fork, from mouth to Bean Creek: ~~((June 1))~~ The first Saturday in June through last day in February season, except sturgeon. ~~((Nonbuoyant lure restriction))~~ Anti-snagging rule and night closure August 16 through November 30. Game fish: Release game fish except up to two hatchery steelhead per day may be retained. Sturgeon: Open year-round.

Nason Creek (Chelan County): From the mouth upstream to Smith Brook: Closed waters.

From Smith Brook to Stevens Creek: Selective gear rules.

Negro Creek (Lincoln County): Year-round season from mouth at Sprague Lake to the fish barrier dam at Fishtrap Lake.

Negro Creek (Whitman County): Last Saturday in April through July 15 season.

Nemah River, North, Middle, and South: ~~((June 1))~~ The first Saturday in June through March 31 season, except closed August 1 through September 30 on North Nemah from Highway 101 Bridge upstream to Nemah Hatchery. Single point barbless hooks required on North Nemah upstream to the lower bridge on dead end lower Nemah Road October 1 through November 30, on Middle Nemah upstream to the Department of Natural Resources Bridge on Middle Nemah A-line Road August 16 through November 30, and on South Nemah upstream to confluence with Middle Nemah August 16 through November 30. Selective gear rules on Middle Nemah above DNR Bridge and South Nemah above confluence with Middle Nemah. Night closure August 16 through November 30 on South Nemah to the confluence with Middle Nemah and Middle Nemah and October 1 through November 30 on North Nemah. ~~((Nonbuoyant lure restriction))~~ Anti-

snagging rule on North Nemah upstream from bridge on dead end lower Nemah Road and the Middle Nemah from the DNR Bridge on A-line Road upstream August 16 through November 30. On the North Nemah from the mouth to the lower bridge on dead end lower Nemah Road, stationary gear restriction during the period August 16 through November 30. All game fish: Release all fish except up to two hatchery steelhead per day may be retained. Salmon: Open only August 1 through January 31 on Middle Nemah from mouth to DNR Bridge and South Nemah from mouth to confluence with Middle Nemah, and open October 1 through January 31 on North Nemah from mouth to the lower bridge on dead end Lower Nemah Road. Middle and South Nemah: Daily limit 6 fish of which no more than 2 may be adult salmon and of the two adult fish no more than one may be a wild adult coho. North Nemah: Daily limit 6 salmon of which not more than 3 may be adult salmon and of the adult fish no more than one may be a wild adult coho and no more than two may be adult Chinook.

Newhalem Ponds (Whatcom County): Closed waters.

Newaukum River, main river and South Fork upstream to Highway 508 Bridge near Kearny Creek (Lewis County): ~~((June 1))~~ The first Saturday in June through March 31 season. Night closure and single point barbless hooks required August 16 through November 30 from mouth to Leonard Road. Trout: Minimum length fourteen inches mouth to Highway 508 Bridge near Kearny Creek. Salmon: Open only October 16 through last day in February from mouth to Leonard Road. Daily limit 6 fish of which no more than 2 may be adult salmon. Release chum, wild coho, and adult Chinook.

Newaukum River, Middle Fork, mouth to Taucher Road Bridge (Lewis County): ~~((June 1))~~ The first Saturday in June to March 31 season. Trout: Minimum length fourteen inches.

Newaukum River, North Fork (Lewis County):

From mouth to four hundred feet below Chehalis city water intake: ~~((June 1))~~ The first Saturday in June through March 31 season. Trout: Minimum length fourteen inches.

From 400 feet below Chehalis city water intake upstream: Closed waters.

Niawiakum River (Pacific County): From Highway 101 Bridge to the South Bend/Palix Road Bridge: Night closure and single point barbless hooks required August 16 through November 30. All game fish: Release all fish. Salmon: Open only September 1 through November 30 from Highway 101 Bridge to South Bend/Palix Road Bridge. Daily limit 6 fish of which no more than 2 may be adult salmon and of the adult fish not more than one may be a wild adult coho. Release adult Chinook.

Nile Lake (Pend Oreille County): Last Saturday in April through October 31 season.

Nisqually River (Pierce County), from mouth to Military Tank Crossing Bridge: July 1 through January 31 season. ~~((Nonbuoyant lure restriction))~~ Anti-snagging rule and night closure August 1 through November 30. Trout: Minimum length fourteen inches. All species: Release all species

except salmon December 1 through January 31. Salmon: Open only July 1 through January 31 from mouth to Military Tank Crossing Bridge. Daily limit 6 fish of which no more than 2 may be adult salmon. Release wild adult Chinook.

From Military Tank Crossing Bridge to four hundred feet below LaGrande Falls: July 1 through October 31 season. Selective gear rules. All species: Release all fish except up to two hatchery steelhead may be retained per day. Selective gear rules.

Nooksack River (Whatcom County), from mouth to forks, Middle Fork to Dam and North Fork to Nooksack Falls: ~~((June 1))~~ The first Saturday in June through last day in February season except closed ~~((June 1))~~ the first Saturday in June through September 30 in mainstem from yellow marker at the FFA High School barn at Deming to confluence of the North and South Forks. Fishing from floating devices equipped with motors prohibited on the North and Middle Forks November 1 through last day in February. ~~((Nonbuoyant lure restriction))~~ Anti-snagging rule and night closure ~~((June 1))~~ the first Saturday in June through November 30 on mainstem and North Fork to Maple Creek. Trout: Minimum length fourteen inches. Salmon: Open only September 1 through December 31 in mainstem from Lummi Indian Reservation boundary to yellow marker at the FFA High School barn in Deming. Open only October 16 through December 31 in mainstem from the FFA barn to the confluence of the North and South Forks, and October 1 through October 31 on the North Fork from confluence to Maple Creek. Daily limit 2 salmon, except release wild coho, release wild Chinook from mouth to FFA barn, and release Chinook from FFA barn to forks and in North Fork.

Nooksack River, South Fork (Skagit/Whatcom counties): From mouth to Skookum Creek: ~~((June 1))~~ The first Saturday in June through last day in February season except closed July 1 through October 15 from Saxon Road Bridge to mouth of Skookum Creek. Selective gear rules. Night closure ~~((June 1))~~ the first Saturday in June through November 30. Trout: Minimum length fourteen inches. Salmon: Open only October 16 through December 31. Daily limit 2 salmon, except release Chinook and wild coho.

From Skookum Creek upstream: Closed waters.

No Name Lake (Pend Oreille County): Last Saturday in April through October 31 season.

North Creek (Okanogan County): From mouth to falls at river mile 0.8: Closed waters.

North Creek (tributary of Sammamish River) (Snohomish/King counties): ~~((June 1))~~ The first Saturday in June through August 31 season. Juveniles only.

North Elton Ponds (Yakima County): December 1 through March 31 season. Fishing from a floating device equipped with an internal combustion engine prohibited. Trout: Daily limit two.

North Lake (King County): Last Saturday in April through October 31 season.

North Potholes Reserve Ponds (Grant County): February 1 through the day before opening of waterfowl season. Fishing

from any floating device prohibited, except float tubes permitted.

North River (Grays Harbor/Pacific counties), from Highway 105 Bridge upstream to Falls River: ~~((June 1))~~ The first Saturday in June through last day in February season, except sturgeon. Night closure August 16 through November 30. Single point barbless hooks required August 16 through November 30 upstream to Salmon Creek. ~~((Nonbuoyant lure restriction))~~ Anti-snagging rule and night closure from Salmon Creek to Falls River August 16 through November 30. All game fish: Release all fish except that up to two hatchery steelhead per day may be retained. Salmon: Open only September 1 through November 30 from Highway 105 Bridge to Salmon Creek. Daily limit 6 fish of which no more than 2 may be adult salmon and of the adult fish not more than one may be a wild adult coho. Release adult Chinook. Sturgeon: Open year-round from Highway 105 Bridge to Salmon Creek.

Upstream from Falls River: Selective gear rules. All species: Release all fish except up to two hatchery steelhead per day may be retained.

Northern State Hospital Pond (Skagit County): Last Saturday in April through October 31 season. Juveniles only.

Northwestern Reservoir (Klickitat/Skamania counties): Last Saturday in April through last day in February season.

Nunnally Lake (Grant County): March 1 through November 30 season. Closed waters: Outlet stream of Nunnally Lake. Selective gear rules. Trout: Daily limit one.

Oakland Bay freshwater tributaries (Mason County), except Goldsborough Creek (including Shelton Creek, Canyon Creek, Uncle John Creek, Campbell Creek, Melaney Creek, Deer Creek, John's Creek, and Cranberry Creek to Lake Limerick): Closed waters.

Ohanapecosh Creek (tributary to Cowlitz River) (Lewis/Pierce counties): Selective gear rules. Trout: Minimum length twelve inches.

Ohop Creek (Pierce County): July 1 through October 31 season. All species: Selective gear rules and release all fish except up to two hatchery steelhead per day may be retained.

Ohop Lake (Pierce County): Last Saturday in April through October 31 season.

Okanogan River (Okanogan County):

From the mouth to the highway bridge at Malott: Year-round season. Trout: Release all trout. Upstream from the highway bridge at Malott: ~~((June 1))~~ The first Saturday in June through August 31 season. Trout: Release all trout. Salmon: Open only July 1 through October 15 from mouth to Highway 97 Bridge immediately upstream of mouth. Daily limit 6 fish of which no more than 2 may be adult salmon. Release coho and sockeye. All species: ~~((Nonbuoyant lure restriction))~~ Anti-snagging rule and night closure July 1 through October 15.

Closed waters: From Zosel Dam downstream to first Highway 97 Bridge.

Old Fishing Hole Pond (Kent) (King County): Last Saturday in April through October 31 season. Juveniles only.

Old Mill Stream (Chelan County): Closed waters.

Olequa Creek (Lewis County): ~~((June 1 through last day in February season.))~~ Trout: Release all ~~((fish))~~ trout except up to two hatchery steelhead may be retained per day.

Osborne Lake (Mason County): Last Saturday in April through October 31 season.

Outlet Creek (Klickitat County): Trout: Daily limit five.

Owens Pond (Pacific County): The first Saturday in June ~~((+))~~ through October 31 season.

Packwood Lake (Lewis County): Closed waters: All inlet streams and outlet from log boom to dam. Last Saturday in April through October 31 season. Selective gear rules. Trout: Daily limit five, minimum length ten inches.

Padden Lake (Whatcom County): Last Saturday in April through October 31 season. Fishing from a floating device equipped with an internal combustion motor prohibited.

Palix River, including all forks (Pacific County): ~~((June 1))~~ The first Saturday in June through March 31 season, except sturgeon. Single point barbless hooks and night closure August 16 through November 30 upstream to the confluence of the South and Middle Forks. All game fish: Release all fish except up to two hatchery steelhead per day may be retained. Above the confluence of the South and Middle Forks: Selective gear rules. ~~((Nonbuoyant lure restriction))~~ Anti-snagging rule and night closure August 16 through November 30. All game fish: Release all fish except up to two hatchery steelhead per day may be retained. Salmon: Open only September 1 through November 30 from the Highway 101 Bridge to the confluence of the South and Middle Forks. Daily limit 6 fish of which no more than 2 may be adult salmon and of the adult salmon not more than one may be a wild adult coho. Release adult Chinook. Sturgeon: Open year-round from the Highway 101 Bridge to the confluence of the South and Middle Forks.

Palouse River and tributaries, except Rock Creek (Whitman County): Year-round season. Mainstem from mouth to base of Palouse Falls. Trout: Daily limit 6 fish, minimum length 10 inches, no more than 3 trout over 20 inches may be retained, except release all trout April 1 through June 15 and release steelhead June 16 through August 31. Barbless hooks required when fishing for steelhead. Walleye: Daily limit 10 fish, no minimum size. No more than 5 walleye over 18 inches in length may be retained, and no more than 1 walleye over 24 inches in length may be retained. Channel catfish: No daily limit.

Palouse River mainstem above Palouse Falls and tributaries except Rock Creek: Year-round season.

Pampa Pond (Whitman County): March 1 through September 30 season. Fishing from any floating device prohibited. Trout: No more than two over 13 inches in length may be retained.

Panhandle Lake (Mason County): Last Saturday in April through October 31 season.

Panther Creek (Chelan County): Closed waters.

Panther Creek (tributary to Wind River) (Skamania County): Closed waters.

Panther Lake (Kitsap/Mason counties): Last Saturday in April through October 31 season.

Para-Juvenile Lake (Adams/Grant counties): April 1 through September 30 season. Juveniles only.

Park Lake (Grant County): Last Saturday in April through September 30 season.

Parker Lake (Pend Oreille County): Last Saturday in April through October 31 season.

Pass Lake (Skagit County): Fly fishing only. Fishing from a floating device equipped with a motor prohibited. All species: Release all fish.

Pataha Creek (Garfield County):

Within the city limits of Pomeroy: Juveniles only.

From city limits of Pomeroy upstream: Selective gear rules.

Pattison Lake (Thurston County): Last Saturday in April through October 31 season.

Peabody Creek (Clallam County): Juveniles only.

Pearrygin Lake (Okanogan County): Last Saturday in April through September 30 season.

Pend Oreille River (Pend Oreille County): Year-round season. All sloughs within the boundaries of the Kalispell Reservation except Calispell Slough: Closed waters.

Perch Lake (Grant County): Last Saturday in April through September 30 season.

Percival Creek (Thurston County): Trout: Minimum length fourteen inches.

Peshastin Creek (Chelan County): Mouth to Ruby Creek: Closed waters.

Petit Lake (Pend Oreille County): Last Saturday in April through October 31 season. Fishing from a floating device equipped with an internal combustion motor prohibited.

Phalon Lake (Stevens County): Closed waters.

Pheasant Lake (Jefferson County): Last Saturday in April to October 31 season.

Phelps Creek (Chelan County): From mouth to falls at river mile 1: Selective gear rules.

Philippa Creek (tributary to N.F. Snoqualmie River) (King County): Closed waters.

Phillips Lake (Mason County): Last Saturday in April through October 31 season.

Phillips Lake (Stevens County): Last Saturday in April through October 31 season.

Pilchuck Creek (Snohomish County), mouth to Highway 9 Bridge: ~~((June 1))~~ The first Saturday in June through November 30 season. Selective gear rules. Trout: Minimum length fourteen inches. Additional December 1 through last day in February season. Trout: Minimum length fourteen inches.

Pilchuck River (Snohomish County)

From its mouth to five hundred feet downstream from the Snohomish City diversion dam: December 1 through last day in February season. Fishing from any floating device prohibited. Trout: Minimum length fourteen inches.

From 500 feet below diversion dam upstream: Closed waters.

Pillar Lake (Grant County): April 1 through September 30 season.

Pine Lake (King County): Last Saturday in April through October 31 season.

Pine Lake (Mason County): Last Saturday in April through October 31 season.

Ping Pond (Grant County): Third Saturday in April through Labor Day season. Juveniles and holders of reduced fee disability licenses only. Game fish: Daily limit of five fish in the aggregate. No minimum or maximum size for any species.

Pioneer Ponds (tributary to Stillaguamish River) (Snohomish County): Closed waters.

Pipers (Carkeek) Creek (King County), from its mouth to its source, including tributaries: Closed waters.

Pit Lake (Douglas County): Juveniles only.

Pleasant Lake (Clallam County): Trout: Kokanee minimum length eight inches, maximum length twenty inches.

Plummer Lake (Lewis County): Last Saturday in April through last day in February season.

Poacher Lake (Grant County): April 1 through September 30 season.

Portage Creek (tributary to Stillaguamish River) (Snohomish County): Closed waters.

Potholes Reservoir (Grant County): Crappie: Minimum length nine inches. Crappie and bluegill: Combined daily limit twenty-five fish. Perch: Daily limit twenty-five fish. Walleye: Minimum size 12 inches in length. Daily limit 8 walleye, not more than 1 of which may be greater than 22 inches in length.

Potter's Pond (Stevens County): Last Saturday in April through October 31 season.

Pratt River (tributary to Middle Fork Snoqualmie) (King County): Selective gear rules. All species: Release all fish.

Prices Lake (Mason County): Selective gear rules. All species: Release all fish.

Promised Land Pond (Grays Harbor County): ~~((June 1))~~ The first Saturday in June through October 31 season.

Purdy Creek (Mason County): ~~((June 1))~~ The first Saturday in June through July 31 season. Selective gear rules. All species: Release all fish.

Puyallup River (Pierce County):

From mouth to the Electron power plant outlet: July 1 through last day in February season. Single point barbless hooks, ~~((nonbuoyant lure restriction))~~ anti-snagging rule and night closure August 1 through November 30 from the mouth to the Carbon River. Trout: Minimum length fourteen inches. Salmon: Open only August 16 through December 31 from mouth to Carbon River. Daily limit 6 fish, of which no more than 2 may be adult salmon. Release wild adult Chinook.

From Electron power plant outlet upstream: July 1 through October 31 season. Selective gear rules. All species: Release all fish.

Pysht River (Clallam County): ~~((June 1))~~ The first Saturday in June through last day in February season. Trout: Minimum length fourteen inches. December 1 through last day in February, one wild steelhead per day may be retained.

Pysht River South Fork (Clallam County): Trout: Minimum length fourteen inches.

Quail Lake (Adams County): Fly fishing only. Fishing from any floating device equipped with a motor prohibited. All species: Release all fish.

Quarry Pond (Walla Walla County): Fishing from any floating device prohibited. Trout: No more than 2 trout over 13 inches in length may be retained.

Quigg Lake (Grays Harbor County): The first Saturday in June ~~((4))~~ through April 15 season. Trout: Daily limit 2. Minimum length fourteen inches. Salmon: Open only October 1 through January 31. Daily limit 6 hatchery coho salmon of which no more than 4 may be adult hatchery coho.

Quillayute River (Clallam County): Open year-round outside of Olympic National Park only. May 1 through ~~((May 31))~~ the Friday before the first Saturday in June release all game fish except up to two hatchery steelhead per day may be retained. Trout: Minimum length fourteen inches. November 1 through last day in February, daily limit three steelhead. December 1 through April 30, one wild steelhead per day may be retained. Salmon: Open only February 1 through November 30. Daily limit 6 fish of which no more than 2 may be adult salmon February 1 through August 31 and 3 may be adult salmon September 1 through November 30. September 1 through October 31 the daily limit may contain no more than 2 adult Chinook, release wild adult coho, and selective gear rules. November 1 through November 30 the 3 adult salmon may contain no more than 2 adult Chinook or 2 adult wild coho or 1 adult Chinook and 1 adult wild coho. February 1 through August 31 release wild adult coho and wild adult Chinook.

Quinault River, Upper (Jefferson County), from mouth at upper end of Quinault Lake to the National Park boundary: ~~((June 1))~~ The first Saturday in June through April 15 season. Trout: Minimum length fourteen inches. December 1 through April 15, one wild steelhead per day may be retained.

Salmon: Open only July 1 through October 31. Daily limit 6 fish except release adult salmon.

Quincy Lake (Grant County): March 1 through July 31 season.

Radar Ponds (Pacific County): Salmon: Landlocked salmon rules apply.

Raging River (King County), from its mouth to the Highway 18 Bridge: ~~((June 1))~~ The first Saturday in June through last day in February season. Trout: Minimum length fourteen inches.

~~((Railroad Pond (Franklin County): Selective gear rules. Trout: Daily limit two.))~~

Rainbow Lake (Columbia County): March 1 through October 31 season. Fishing from any floating device prohibited. Trout: No more than 2 trout over 13 inches in length may be retained.

Rapjohn Lake (Pierce County): Last Saturday in April through October 31 season.

Rat Lake (Okanogan County): April 1 through November 30: Selective gear rules. All species: Release all fish.

Rattlesnake Creek (Yakima County): Selective gear rules. All species: Release all fish.

Rattlesnake Lake (King County): Last Saturday in April through October 31 season. Selective gear rules.

Ravensdale Lake (King County): Last Saturday in April through October 31 season. Selective gear rules. Trout: Daily limit two, minimum length twelve inches.

Reflection Pond (Okanogan County): Last Saturday in April through October 31 season.

Renner Lake (Ferry County): Last Saturday in April through October 31 season.

Riffe Lake (Reservoir) (Lewis County): Mossyrock Dam to 400 feet below Cowlitz Falls Dam. Closed waters: Lewis County PUD safety signs approximately 800 feet below Cowlitz Falls Dam to Dam. Lawful to fish up to the base of Swofford Pond Dam. Salmon: Landlocked salmon rules apply.

Rigley Lake (Stevens County): Last Saturday in April through October 31 season. Selective gear rules. Trout: Daily limit two, minimum length twelve inches.

Riley Lake (Snohomish County): Last Saturday in April through October 31 season.

Rimrock Lake (Reservoir) (Yakima County): Chumming permitted. Trout except kokanee: Daily limit five. Kokanee not counted in daily trout limit. Kokanee daily limit sixteen.

Ringold Springs Creek (Hatchery Creek) (Franklin County): Closed waters.

Robbins Lake (Mason County): Last Saturday in April through October 31 season.

Rock Creek (Adams/Whitman counties): Mouth to Endicott Road year-round season.

Endicott Road to bridge on George Knott Road at Revere: Selective gear rules. All species: Release all fish.

Upstream from bridge on George Knott Road: Year-round season.

Rock Creek (Chelan County): Selective gear rules.

Rock Creek (Cedar River tributary below Landsburg Dam) (King County): Closed waters.

Rock Creek (Klickitat County): Mouth to the Army Corps of Engineers Park: Year-round season. Daily limits, size restrictions and gear restrictions are the same as those in the adjacent portion of the Columbia River.

Rock Creek (Skamania County): Mouth to falls (~~((June 1 through March 15 season))~~). Trout: Release all ~~((fish))~~ trout except up to two hatchery steelhead may be retained per day. Above falls, additional November 1 through March 15 season.

Rocky Ford Creek and Ponds (Grant County): Fly fishing only. Fishing from bank only (no wading). All species: Release all fish.

Rocky Lake (Stevens County): Last Saturday in April through October 31 season. June 1 through October 31 selective gear rules and all species: Release all fish.

Roesiger Lake (Snohomish County): Crappie: Daily limit ten, minimum length nine inches.

Roosevelt Lake (Ferry/Lincoln/Stevens counties): All species: Closed waters: (1) March 1 through the Friday immediately preceding Memorial Day weekend from the Little Dalles power line crossing upstream approximately one mile to marked rock point, and from Northport power line crossing upstream to most upstream point of Steamboat Rock; (2) January 1 through May 31 in San Poil arm upstream from outlet of French Johns Lake; and (3) April 1 through ~~((May 31))~~ Friday before Memorial Day in Kettle arm upstream to Barstow Bridge. Trout except kokanee: Daily limit five. No more than two over twenty inches in length. Kokanee daily limit two. Walleye: No minimum size. Daily limit 8 fish not more than one of which may be longer than 22 inches. Salmon: Landlocked salmon rules apply. Sturgeon: Unlawful to fish for or retain sturgeon from Roosevelt Lake and tributaries. Carp: Unlawful to fish for carp with bow and arrow.

Rose Lake (Mason County): Last Saturday in April through October 31 season.

Ross Lake (Reservoir) (Whatcom County): July 1 through October 31 season. Selective gear rules, except fishing from a floating device equipped with an internal combustion motor allowed. Trout: Daily limit three, possession limit six, minimum length thirteen inches.

Ross Lake tributary streams (Whatcom County), except Big Beaver Creek and Ruby Creek: Closed waters: From closed water markers near mouth upstream for one mile. Above

closed water marker in tributaries not listed as closed: July 1 through October 31 season.

Round Lake (Okanogan County): Last Saturday in April through September 30 season.

Rowland Lakes (Klickitat County): Last Saturday in April through last day in February season.

Royal Lake (Adams County): Closed waters.

Royal Slough (including Marsh Unit IV impoundments) (Adams County): Closed waters.

Ruby Creek (tributary to Ross Lake) (Whatcom County): Closed waters.

Ruby Creek and tributaries (Pend Oreille County): Trout: Eastern brook trout not counted in daily trout limit. Eastern brook trout daily limit ten. Once the daily limit of trout other than eastern brook trout has been achieved, the entire daily limit for trout other than eastern brook trout and eastern brook trout has been taken.

Rufus Woods Lake (Douglas County): Chumming allowed. Trout: Daily limit two. Kokanee not included in daily trout limit. Kokanee daily limit 2. Sturgeon: Unlawful to fish for or retain sturgeon from Rufus Woods Lake and tributaries.

Sacheen Lake (Pend Oreille County): Last Saturday in April through October 31 season.

Saddle Mountain Lake (Grant County): Closed waters.

Sago Lake (Grant County): April 1 through September 30 season.

Salmon Creek (Clark County), from mouth to 72nd Avenue N.E.: ~~((June 1))~~ The first Saturday in June through March 15 season. Trout: Release all fish except up to two hatchery steelhead may be retained per day.

Salmon Creek, including all forks (Jefferson County): Closed waters.

Salmon Creek, mainstem (Okanogan County): Closed waters.

Salmon Creek, North Fork and West Fork from mouth to South Fork (Okanogan County): Selective gear rules.

Salmon Creek (tributary of Naselle River) (Pacific County): ~~((June 1))~~ The first Saturday in June through last day in February season. Selective gear rules. All species: Release all fish except up to two hatchery steelhead per day may be retained.

Salmon River (Jefferson County) outside of Olympic National Park and Quinault Indian Reservation: ~~((June 1))~~ The first Saturday in June through last day in February season. Trout: Minimum length fourteen inches. Hatchery steelhead in this river are steelhead with a dorsal fin height of less than 2-1/8 inches or with an adipose or ventral fin clip. Salmon: Open only September 1 through November 30. Daily limit 6 fish of which no more than 3 may be adult salmon and of the adult salmon not more than 2 may be adult Chinook salmon.

Salt Creek (Clallam County): Trout: Minimum length fourteen inches.

From mouth to bridge on Highway 112: Additional November 1 through last day in February season. Trout: Minimum length fourteen inches.

Samish Lake (Whatcom County): Trout: Cutthroat trout daily limit two, minimum length fourteen inches.

Samish River (Whatcom County):

From its mouth to the Hickson Bridge: ~~((June 1))~~ The first Saturday in June through March 15 season. From Highway 99 Bridge to department salmon rack: Closed waters. Stationary gear restriction from mouth to Interstate 5 Bridge August 1 through December 31. ~~((Nonbuoyant lure restriction))~~ Anti-snagging rule and night closure August 1 through December 31.

Trout: Minimum length fourteen inches. Salmon: Open only July 1 through December 31 from mouth to Thomas Road Bridge and October 1 through December 31 from Thomas Road Bridge to I-5 Bridge. Daily limit two salmon.

Sammamish Lake (King County): Trout: Release all kokanee. Kokanee/sockeye under fifteen inches are kokanee while those fifteen inches and over are sockeye salmon. December 1 through June 30: Release all steelhead and rainbow trout over twenty inches in length. Salmon: Closed to salmon fishing within 100 yards of the mouth of Issaquah Creek. Open only August 16 through November 30. Daily limit four salmon, of which only two may be Chinook. Release sockeye.

Sammamish River (Slough) (King County), from the 68th Avenue N.E. Bridge to Lake Sammamish: January 1 through August 31 season. Selective gear rules. Trout: Release all trout.

Sandyshore Lake (Jefferson County): Last Saturday in April to October 31 season.

San Poil River (Ferry County): Unlawful to fish for or retain sturgeon.

Sarge Hubbard Park Pond (Yakima County): Juveniles and holders of disability licenses only.

Satsop Lakes (Grays Harbor County): Last Saturday in April through October 31 season.

Satsop River (Grays Harbor County): Trout: Minimum length 14 inches in mainstem and all forks. Mainstem and East Fork, single point barbless hooks and night closure August 16 through November 30 except only August 16 through October 31 on East Fork upstream from bridge at Schafer State Park. Middle and West forks downstream from Cougar Smith Road ~~((nonbuoyant lure restriction))~~ anti-snagging rule and night closure August 16 through November 30. Middle and West Forks upstream from Cougar Smith Road ~~((nonbuoyant lure restriction))~~ anti-snagging rule and night closure August 16 through October 31.

From mouth to bridge at Schafer Park: ~~((June 1))~~ The first Saturday in June through March 31 season. Salmon: Open only October 1 through January 31. October 1 through October 15, daily limit 6 fish, of which no more than 2 may

be adult salmon; and of the adult salmon, only 1 may be an adult wild coho. Release chum and adult Chinook. October 16 through January 31, daily limit 6 fish, of which no more than 2 may be adult salmon. Release chum, wild coho, and adult Chinook.

Middle Fork (Turnow Branch), from mouth to Cougar Smith Road: ~~((June 1))~~ The first Saturday in June through last day in February season.

West Fork, from mouth to Cougar Smith Road: ~~((June 1))~~ The first Saturday in June through last day in February season.

Sauk River (Skagit/Snohomish counties):

From mouth to the mouth of the White Chuck River: ~~((June 1))~~ The first Saturday in June through last day in February season. Selective gear rules. All species: Release all fish except up to two hatchery steelhead may be retained per day.

From the mouth of the White Chuck River to headwaters, including North Fork and South Fork upstream to Elliot Creek: Selective gear rules. All species: Release all fish except up to two hatchery steelhead may be retained per day.

South Fork upstream from Elliot Creek: ~~((June 1))~~ The first Saturday in June through August 31 season. Selective gear rules. All species: Release all fish except up to two hatchery steelhead may be retained per day.

From mouth to the Darrington Bridge: Additional March 1 through April 30 season. Selective gear rules. All species: Release all fish except up to two hatchery steelhead may be retained per day.

Sawyer, Lake (King County): Chumming permitted. Crappie: Daily limit ten, minimum length nine inches.

Schaefer Lake (Chelan County): Trout: Daily limit sixteen.

Scooteney Reservoir (Franklin County): Walleye: Minimum size 12 inches.

Sekiu River (Clallam County): All open periods: Trout: Minimum length fourteen inches.

From mouth to forks: Additional November 1 through last day in February season.

Serene Lake (Snohomish County): Last Saturday in April through October 31 season.

Shady Lake (King County): June 1 through October 31 season. Trout: No more than one over fourteen inches in length.

Shannon, Lake (Skagit County): Last Saturday in April through October 31 season. Chumming permitted. Trout: Minimum length six inches and maximum length eighteen inches.

Shellneck Creek (Yakima County): Closed waters.

Shelton Creek (Mason County): Closed waters.

Sherman Creek (Ferry County):

From the mouth at Lake Roosevelt upstream to four hundred feet above the water diversion dam for the hatchery: Closed waters, except December 1 through August 31 season from the mouth upstream to the hatchery boat dock.

Sherry Lake (Stevens County): Last Saturday in April through October 31 season.

Sherwood Creek (Mason County): Trout: Minimum length fourteen inches.

Sherwood Creek Mill Pond (Mason County): ~~((June 1))~~ The first Saturday in June through October 31 season. Trout: Minimum length 14 inches, daily limit 2 fish.

Shiner Lake (Adams County): April 1 through September 30 season. Fishing from a floating device equipped with an internal combustion motor prohibited.

Shoe Lake (Mason County): Last Saturday in April through October 31 season.

Shoveler Lake (Grant County): April 1 through September 30 season.

Shye Lake (Grays Harbor County): The first Saturday in June ~~((+))~~ through October 31 season.

Sidley Lake (Okanogan County): Trout: Daily limit two.

Siebert Creek (Clallam County): Trout: Minimum length fourteen inches.

Silent Lake (Jefferson County): Last Saturday in April through October 31 season. Fishing from a floating device equipped with an internal combustion engine prohibited.

Silvas Creek (Klickitat County): Trout: Release all trout.

Silver Creek (tributary to Cowlitz River) (Lewis County), mouth to USFS Road 4778: Selective gear rules. Trout: Minimum length twelve inches.

Silver Lake (Cowlitz County): Crappie: Daily limit ten crappie. Minimum size nine inches in length.

Silver Lake (Pierce County): Last Saturday in April through October 31 season.

Silver Lake (Spokane County): Crappie: Daily limit ten, minimum length nine inches.

Silver Lake, North (Spokane County): March 1 through September 30 and November 1 through December 31 season. Selective gear rules. March 1 through September 30: Trout: Daily limit 2 fish, minimum length 14 inches, except release fish with clipped adipose fin. November 1 through December 31: All species: Release all fish.

Silver Lake (Whatcom County): Last Saturday in April through October 31 season.

Silver Nail Lake (Okanogan County): Juveniles only.

Similkameen River (Okanogan County):

From mouth to Enloe Dam: December 1 through March 31 season. Whitefish gear rules apply.

From Enloe Dam to Canadian border: Additional December 1 through March 31 season. Whitefish gear rules apply.

Sinlahekin Creek (Okanogan County), from Palmer Lake to Cecile Creek bridge: ~~((June 1))~~ The first Saturday in June through August 31 season. Selective gear rules. Additional

December 1 through March 31 season. Whitefish gear rules apply.

Sixteen Lake (Skagit County): Last Saturday in April through October 31 season.

Skagit River (Skagit/Whatcom counties):

From mouth to the Memorial Highway Bridge (Highway 536 at Mt. Vernon): Year-round season. Selective gear rules March 1 through May 31 except lawful to fish from a floating device equipped with an internal combustion motor. Trout except Dolly Varden/Bull Trout: Minimum length fourteen inches. Legal to retain Dolly Varden/Bull Trout as part of trout daily limit, minimum length twenty inches. Salmon: Open only September 1 through December 31. Daily limit 2 salmon except release Chinook.

From Memorial Highway Bridge (Highway 536 at Mt. Vernon) upstream to Gilligan Creek: June 1 through March 15 season. Night closure and ~~((nonbuoyant lure restriction))~~ anti-snagging rule July 1 through November 30. Trout except Dolly Varden/Bull Trout: Minimum length fourteen inches. Legal to retain Dolly Varden/Bull Trout as part of trout daily limit, minimum length twenty inches. Salmon: Open only September 1 through December 31. Daily limit 2 salmon except release Chinook.

From Gilligan Creek to the Dalles Bridge at Concrete: June 1 through March 15 season. ~~((Nonbuoyant lure restriction))~~ Anti-snagging rule and night closure July 1 through November 30. Trout except Dolly Varden/Bull Trout: Minimum length fourteen inches. Legal to retain Dolly Varden/Bull Trout as part of the trout daily limit; minimum length twenty inches. Salmon: Open only September 16 through December 31. Daily limit 2 salmon, except release Chinook.

From the Dalles Bridge at Concrete to the Highway 530 Bridge at Rockport: June 1 through March 15 season, except closed June 1 through June 13, and August 1 through August 31, between a line 200 feet above the east bank of the Baker River to a line 200 feet below the west bank of the Baker River. ~~((Nonbuoyant lure restriction))~~ Anti-snagging rule and night closure June 14 through November 30. Trout except Dolly Varden/Bull Trout: Minimum length fourteen inches. Legal to retain Dolly Varden/Bull Trout as part of the trout daily limit; minimum length twenty inches. Salmon open June 14 through July 31, except closed 12:01 a.m. June 30 until 2:00 p.m. July 2, and 12:01 a.m. July 9 until 2:00 p.m. July 11, and, except closed from 200 feet above the mouth of the Baker River to the Highway 530 Bridge at Rockport. Daily limit two sockeye salmon. Release all salmon except sockeye salmon. Salmon open September 16 through December 31. Daily limit 2 salmon, except release Chinook. Additional season: March 16 through April 30. Selective gear rules except lawful to fish from a floating device equipped with an internal combustion motor. Unlawful to fish from a floating device while under power. All species: Release all fish except up to two hatchery steelhead may be retained.

From the Highway 530 Bridge at Rockport to the Cascade River: June 1 through March 15 season. ~~((Nonbuoyant lure restriction))~~ Anti-snagging rule and night closure June 1 through November 30. Trout except Dolly Varden/Bull Trout: Minimum length fourteen inches. Legal to retain Dolly Varden/Bull Trout as part of the trout daily limit; min-

imum length twenty inches. Salmon open June 1 through July 15. Daily limit four hatchery Chinook salmon, of which only two may be adult hatchery Chinook. Salmon open September 16 through December 31. Daily limit 2 salmon. Release Chinook. Additional season: March 16 through April 30. Selective gear rules, except a person can fish from a floating device equipped with an internal combustion motor. Unlawful to fish from a floating device while under power. All species: Release all fish except up to two hatchery steelhead may be retained.

From Cascade River to Gorge Powerhouse: June 1 through March 15 season. Selective gear rules. All species: Release all fish except up to two hatchery steelhead may be retained per day.

From the Gorge Powerhouse to Gorge Dam: Closed waters.

Skamokawa Creek (Wahkiakum County), mouth to forks just below Oatfield and Middle Valley Road: ~~((November 1 through March 15))~~ June 1 through October 31 season. ~~((All species))~~ Trout: Release all ((fish other than steelhead. Trout: Minimum length twenty inches)) trout except up to two hatchery steelhead may be retained.

Skate Creek (tributary to Cowlitz River) (Lewis County): Trout: Daily limit five, no more than one over twelve inches in length. Release cutthroat. Release rainbow trout except rainbow trout having a clipped adipose fin and a healed scar at the site of the clipped fin.

Skokomish River (Mason County), mouth to forks: Night closure, ~~((nonbuoyant lure restriction))~~ anti-snagging rule and single point barbless hooks required August 1 through November 30 mouth to Highway 101. ~~((June 1))~~ The first Saturday in June through July 31 and October 31 through December 15 season from mouth to Highway 101 Bridge. ~~((June 1))~~ The first Saturday in June through October 31 season from Highway 101 Bridge to forks. All game fish: Release all fish. Selective gear rules from Highway 101 Bridge to forks. Salmon: Open only August 1 through September 5, and October 1 through December 15, mouth to Highway 101 Bridge. Terminal gear restricted to no closer than 25 feet of a tribal gill net. Daily limit 1 salmon August 1 through September 30. Release chum salmon. Daily limit 6 salmon October 1 through December 15, except daily limit may contain no more than 4 adult fish and release Chinook. October 1 through October 15 release chum salmon.

Skokomish River, North Fork (Mason County):

From mouth to lower dam: ~~((June 1))~~ The first Saturday in June through October 31 season. All species: Release all fish. Selective gear rules.

Above Lake Cushman, mouth to Olympic National Park boundary: ~~((June 1))~~ The first Saturday in June through August 31 season. Selective gear rules. Trout: Release all fish.

Skokomish River, South Fork (Mason County):

From mouth to mouth of Church Creek: ~~((June 1 through October 31 season))~~ All species: Release all fish. Selective gear rules.

From mouth of Church Creek to mouth of Rule Creek: Closed waters.

From mouth of Rule Creek to headwaters: Selective gear rules. Trout: Minimum length twelve inches.

Skookum Creek (Mason County): Trout: Minimum length fourteen inches.

Skookum Lakes, North and South (Pend Oreille County): Last Saturday in April through October 31 season.

Skookumchuck Creek (Klickitat County): Trout: Release all trout.

Skookumchuck Reservoir (Thurston County): ~~((June 1))~~ The first Saturday in June through October 31 season. Trout: Daily limit two, minimum length twelve inches.

Skookumchuck River (Thurston County):

From mouth to four hundred feet below the outlet of the PP&L/WDFW steelhead rearing pond located at the base of the Skookumchuck Dam: ~~((June 1))~~ The first Saturday in June through April 30 season. Single point barbless hooks and night closure August 16 through November 30. Trout: Minimum length fourteen inches. Salmon: Open only October 16 through last day in February. Daily limit 6 fish of which no more than 2 may be adult salmon. Release chum, wild coho, and adult Chinook.

From Skookumchuck Reservoir upstream and all tributaries: Selective gear rules. Trout: Minimum length twelve inches.

Skykomish River (Snohomish County):

From mouth to mouth of Wallace River: June 1 through last day in February season. ~~((Nonbuoyant lure restriction))~~ Anti-snagging rule and night closure August 1 through November 30 mouth to Lewis Street Bridge in Monroe and June 1 through November 30 from Lewis Street Bridge in Monroe to Wallace River. Fishing from any floating device prohibited November 1 through last day in February from the boat ramp below Lewis Street Bridge at Monroe downstream two thousand five hundred feet. Trout except Dolly Varden/Bull Trout: Minimum length fourteen inches. Legal to retain Dolly Varden/Bull Trout as part of trout daily limit, minimum length twenty inches. Salmon: Open June 1 through July 31 Lewis Street Bridge in Monroe to Wallace River. Daily limit 2 hatchery Chinook. In years ending in even numbers, open September 1 through December 31 mouth to Wallace River. Daily limit 2 salmon. Release Chinook and pink. In years ending in odd numbers, open August 16 through December 31 mouth to Lewis Street Bridge in Monroe and open September 1 through December 31 Lewis Street Bridge to Wallace River. Daily limit 2 salmon plus 2 additional pink. Release Chinook.

From the mouth of the Wallace River to the forks: June 1 through last day in February season, except closed June 1 to 8:00 a.m. August 1 in those waters one thousand five hundred feet upstream and one thousand feet downstream of the outlet at Skykomish Rearing Ponds. ~~((Nonbuoyant lure restriction))~~ Anti-snagging rule and night closure August 1 through November 30. Fishing from any floating device prohibited in the area one thousand five hundred feet upstream and one thousand feet downstream of the outlet at Skykomish Rearing

Ponds August 1 through last day in February. Trout except Dolly Varden/Bull Trout: Minimum length fourteen inches. Legal to retain Dolly Varden/Bull Trout as part of trout daily limit, minimum length twenty inches. Salmon: Open only September 1 through December 31. In years ending in even numbers, daily limit 2 salmon. Release Chinook and pink. In years ending in odd numbers, daily limit 2 salmon plus 2 additional pink. Release Chinook.

Skykomish River, North Fork (Snohomish County):

From mouth to one thousand feet downstream from Bear Creek Falls: ~~((June 1)) The first Saturday in June~~ through last day in February season. ~~((Nonbuoyant lure restriction))~~ Anti-snagging rule and night closure August 1 through November 30. Trout: Minimum length fourteen inches.

From one thousand feet below Bear Creek Falls to Deer Falls: Closed waters.

Skykomish River, South Fork (King/Snohomish counties):

From mouth to six hundred feet downstream from the Sunset Falls Fishway: ~~((June 1)) The first Saturday in June~~ through last day in February season. ~~((Nonbuoyant lure restriction))~~ Anti-snagging rule and night closure August 1 through November 30. Trout: Minimum length fourteen inches.

From a point six hundred feet downstream of the Sunset Falls Fishway to the Sunset Falls Fishway: Closed waters.

From Sunset Falls to source: ~~((June 1)) The first Saturday in June~~ through November 30 season. Selective gear rules. Trout: Minimum length fourteen inches. Whitefish: Additional December 1 through last day in February season. Release all fish other than whitefish.

Slate Creek and tributaries (Pend Oreille County): Trout: Eastern brook trout not counted in daily trout limit. Eastern brook trout daily limit ten. Once the daily limit of trout other than eastern brook trout has been achieved, the entire daily limit for trout other than eastern brook trout and eastern brook trout has been taken.

Smith Creek (near North River) (Pacific County): ~~((June 1)) The first Saturday in June~~ through last day in February season, except sturgeon. Single point barbless hooks, and night closure August 16 through November 30 upstream to the Highway 101 Bridge. All game fish: Release all fish except up to two hatchery steelhead per day may be retained. Salmon: Open only September 1 through November 30 from mouth to Highway 101 Bridge. Daily limit 6 fish of which no more than 2 may be adult salmon and of the adult salmon not more than one may be an adult wild coho. Release adult Chinook. Sturgeon: Open year-round from mouth to Highway 101 Bridge.

Snake River: Year-round season. Closed to the taking of all trout April 1 through June 15. All species: April 24 through June 15 from Texas Rapids boat launch upstream to the Corps of Engineers boat launch approximately 1 mile upstream of Little Goose Dam: Night closure, barbless hooks only, and hooks must measure 5/8 inch or less from point to shank. Trout: Daily limit six, minimum length ten inches, no more than three over twenty inches. Release all steelhead June 16 through August 31. Barbless hooks required when

fishing for steelhead. Sturgeon: Unlawful to retain sturgeon in mainstem and tributaries upstream from Lower Granite Dam. Walleye: Daily limit 10 fish. No minimum size. No more than 5 fish over 18 inches in length. No more than 1 fish over 24 inches in length. Channel catfish: No daily limit. Salmon: Open only April 24 through June 15 from Texas Rapids boat launch upstream to the Corps of Engineers boat launch approximately 1 mile upstream of Little Goose Dam. Daily limit 1 hatchery Chinook.

Closed waters: Within four hundred feet of the base of any dam and within a four hundred foot radius around the fish ladder entrance at Lyons Ferry Hatchery, within a two hundred foot radius upstream of the fish ladder exit above Lower Granite Dam, and within an area one thousand two hundred feet downstream from the base of the west lock gate at Little Goose Dam on the south bank of the Snake River and one hundred feet out into the river from said river bank.

Snipe Lake (Grant County): April 1 through September 30 season.

Snohomish River (Snohomish County), including all channels, sloughs, and interconnected waterways, but excluding all tributaries: ~~((June 1)) The first Saturday in June~~ through last day in February season, except sturgeon. ~~((Nonbuoyant lure restriction))~~ Anti-snagging rule and night closure August 1 through November 30. Trout except Dolly Varden/Bull Trout: Minimum length fourteen inches. Legal to retain Dolly Varden/Bull Trout as part of trout daily limit, minimum length twenty inches. Salmon: In years ending in even numbers, open only September 1 through December 31. Daily limit 2 salmon. Release Chinook and pink. In years ending in odd numbers: Open only August 16 through December 31. Daily limit 2 salmon plus 2 additional pink. Release Chinook. Sturgeon: Open year-round from mouth to Highway 2 Bridge.

Snoqualmie River (King County):

From mouth to the falls: ~~((June 1)) The first Saturday in June~~ through last day in February season, except waters within the Puget Power tunnel at the falls and within fifty feet of any point on Puget Power's lower Plant # 2 building (north bank) are closed waters. ~~((June 1)) The first Saturday in June~~ through November 30 selective gear rules, except fishing from a floating device equipped with an internal combustion motor allowed. Fishing from any floating device prohibited November 1 through last day in February from the mouth of Tokul Creek downstream to the boat ramp at Plumb access, about one-quarter mile. Night closure September 1 through November 30. Trout: Minimum length fourteen inches. Salmon: Open only September 1 through December 31. Daily limit 2 fish. Release Chinook and pink.

From Snoqualmie Falls upstream, including the North and South Forks: Selective gear rules. Trout: Minimum length ten inches. Additional November 1 through May 31 season. Selective gear rules. All species: Release all fish.

Snoqualmie Middle Fork from mouth to source including all tributaries except Pratt and Taylor rivers: Year-round season. Selective gear rules. All species: Release all fish.

Snow Creek (Jefferson County), including all tributaries: Closed waters.

Snyder Creek (Klickitat County): Trout: Release all trout.

Sol Duc River (Clallam County): Open year-round. May 1 through ~~((May 31))~~ the Friday before the first Saturday in June release all game fish except up to two hatchery steelhead per day may be retained. Selective gear rules from the concrete pump station at the Sol Duc Hatchery to the Highway 101 Bridge downstream of Snider Creek November 1 through April 30, and from the Highway 101 Bridge downstream of Snider Creek to Olympic National Park ~~((June 1))~~ the first Saturday in June through October 31. Trout: Minimum length fourteen inches. November 1 through last day in February, daily limit three steelhead from mouth to concrete pump station at Sol Duc Hatchery. December 1 through April 30, from mouth to the concrete pump station at the Sol Duc Hatchery, one wild steelhead per day may be retained. Salmon: Open only February 1 through November 30 from mouth to concrete pump station. Daily limit 6 fish of which no more than 2 may be adult salmon February 1 through August 31 and of which no more than 3 may be adult salmon September 1 through November 30. February 1 through August 31 release wild adult coho and wild adult Chinook. September 1 through October 31 the daily limit may contain no more than 2 adult Chinook, release wild adult coho, and selective gear rules. November 1 through November 30 the daily limit may contain no more than 2 adult Chinook or 2 adult wild coho or 1 adult Chinook and 1 adult wild coho.

Sooes River (Suez River) (Clallam County): ~~((June 1))~~ The first Saturday in June through last day in February season. Trout: Minimum length fourteen inches.

Soos Creek (King County), from mouth to bridge near hatchery residence: ~~((June 1))~~ The first Saturday in June through August 31 season except salmon. Trout: Minimum length fourteen inches. Salmon: Open only October 16 through November 30 to fishing by juveniles only. Night closure October 16 through November 30. Terminal gear restricted to one single point hook. Daily limit two coho salmon.

Bridge near hatchery residence to Salmon hatchery rack: ~~((June 1))~~ The first Saturday in June through August 31 season. Trout: Minimum length fourteen inches.

South Bend Mill Pond (Pacific County): Juveniles only.

South Prairie Creek (Pierce County), mouth to Page Creek: Closed waters.

Spada Lake (Reservoir) (Snohomish County): Last Saturday in April through October 31 season. Selective gear rules. Trout: Maximum length twelve inches.

Spada Lake (Reservoir) tributaries (Snohomish County): Closed waters.

Spanaway Lake and Spanaway Lake outlet downstream to the dam (approximately 800 feet) (Pierce County): Year-round season.

Spearfish Lake (Klickitat County): Last Saturday in April through last day in February season.

Spectacle Lake (Okanogan County): April 1 through September 30 season.

Spirit Lake (Skamania County): Closed waters.

Spokane River (Spokane County):

From SR 25 Bridge upstream to the upstream boundary at Plese Flats Day Use Area (Riverside State Park), except Long Lake, formed by Long Lake Dam (see also Long Lake): Year-round season except walleye. Trout: Daily limit five, no more than two over twenty inches in length. Walleye: Daily limit eight, no minimum length, no more than one over twenty-two inches in length. April 1 through May 31 release all walleye. Salmon: Landlocked salmon rules apply. Sturgeon: Unlawful to fish for or retain sturgeon.

From the upstream boundary at Plese Flats Day Use Area (Riverside State Park) upstream to the Monroe Street Dam: June 1 through March 15 season. Selective gear rules. Trout: Daily limit one. Release wild trout. Salmon: Landlocked salmon rules apply. Sturgeon: Unlawful to fish for or retain sturgeon.

From Monroe Street Dam upstream to Upriver Dam: Year-round season. Salmon: Landlocked salmon rules apply.

From Upriver Dam upstream to the Idaho/Washington state line: ~~((June 1))~~ The first Saturday in June through March 15 season. Selective gear rules, except fishing from a floating device equipped with an internal combustion motor permitted. All species: Release all fish.

Sprague Lake (Adams/Lincoln counties):

Waters south of the lakeside edge of the reeds and waters of Cow Creek south to Danekas Road: July 1 through September 15 season. Trout: No more than two over twenty inches in length may be retained. Crappie and bluegill: Combined daily limit twenty-five fish. Crappie: Minimum length nine inches.

Spring Creek (Klickitat County): Trout: Daily limit five.

Spring Hill Reservoir (Black Lake, Lower Wheeler Reservoir) (Chelan County): Last Saturday in April through October 31 season. July 5 through October 31, selective gear rules, and all species: Release all fish.

Spring Lake (Columbia County): March 1 through October 31 season. Fishing from any floating device prohibited. Trout: No more than 2 trout over 13 inches in length may be retained.

Spring Lakes (Grant County): March 1 through July 31 season.

Squalicum Lake (Whatcom County): Fly fishing only. Fishing from a floating device equipped with a motor prohibited. Trout: Daily limit two.

Stan Coffin Lake (Grant County): Bass: Release all bass.

Starvation Lake (Stevens County): Last Saturday in April through May 31 season. Additional June 1 through October 31 season. Selective gear rules. All species: Release all fish.

Steel Lake (King County): Last Saturday in April through October 31 season.

Stehekin River (Chelan County), from the mouth to Agnes Creek: July 1 through October 31 season. Selective gear rules. Trout: Minimum length fifteen inches. Release cut-

throat. Additional March 1 through June 30 season. Selective gear rules. All species: Release all fish.

Stetattle Creek (Whatcom County), from its mouth to mouth of Bucket Creek (one and one-half miles upstream): Closed waters.

Stevens Creek (Grays Harbor County), mouth to Highway 101 Bridge: ~~((June 1))~~ The first Saturday in June through September 30 and December 1 through last day in February season. Trout: Minimum length fourteen inches.

Stevens, Lake (Snohomish County): Chumming permitted. Kokanee: Kokanee not included in trout daily limit. Kokanee daily limit ten fish.

Stevens Lake (Mason County): Last Saturday in April through October 31 season.

Stickney Lake (Snohomish County): Last Saturday in April through October 31 season.

Stillaguamish River (Snohomish County):

From mouth to Marine Drive, including all sloughs: Year-round season. ~~((Nonbuoyant lure restriction))~~ Anti-snagging rule and night closure August 1 through November 30. Trout: Minimum length fourteen inches. Salmon: Open only November 1 through December 31. In years ending in even numbers, daily limit 2 salmon. Release Chinook and pink salmon. In years ending in odd numbers, daily limit 2 salmon plus 2 additional pink. Release Chinook.

From Marine Drive to the forks, except from the barrier dam (downstream of I-5) downstream two hundred feet which is closed waters: ~~((June 1))~~ The first Saturday in June through last day in February season. Night closure August 1 through November 30. Selective gear rules ~~((June 1))~~ the first Saturday in June through November 30 except fishing from a floating device equipped with an internal combustion motor allowed. Game fish: ~~((June 1))~~ The first Saturday in June through November 30 release all fish except up to two hatchery steelhead per day may be retained. Trout: Minimum length fourteen inches December 1 through last day in February. Salmon: Open only November 1 through December 31. In years ending in even numbers, daily limit 2 salmon. Release Chinook and pink salmon. In years ending in odd numbers, daily limit 2 salmon plus 2 additional pink. Release Chinook.

Stillaguamish River, North Fork (Snohomish County), from mouth to Swede Heaven Bridge: ~~((June 1))~~ The first Saturday in June through last day in February season. ~~((Nonbuoyant lure restriction))~~ Anti-snagging rule and night closure August 1 through November 30. Fishing from any floating device prohibited upstream of the Highway 530 Bridge at mile post 28.8 (Cicero Bridge). Fishing from any floating device equipped with a motor prohibited downstream from the Highway 530 Bridge. ~~((June 1))~~ The first Saturday in June through November 30: All species: Release all fish except hatchery steelhead. ~~((June 1))~~ The first Saturday in June through November 30 fly fishing only. December 1 through last day in February: Trout: Minimum length fourteen inches.

Stillaguamish River, South Fork (Snohomish County):

From mouth to four hundred feet downstream of the outlet to fishway at Granite Falls: ~~((June 1))~~ The first Saturday in June through last day in February season. ~~((Nonbuoyant lure restriction))~~ Anti-snagging rule and night closure August 1 through November 30. Trout: Minimum length fourteen inches.

From four hundred feet below the outlet of the end of the fishway to Mt. Loop Highway bridge above Granite Falls: Closed waters.

From Mt. Loop Highway Bridge above Granite Falls to source: ~~((June 1))~~ The first Saturday in June through November 30 season. ~~((Nonbuoyant lure restriction))~~ Anti-snagging rule and night closure August 1 through November 30.

Storm Lake (Snohomish County): Last Saturday in April through October 31 season.

Stratford/Brook Lake (Grant County): February 1 through September 30 season.

Stump Lake (Mason County): Last Saturday in April through October 31 season. Fishing from a floating device equipped with an internal combustion engine prohibited.

Suiattle River (Skagit County): Trout: Legal to retain Dolly Varden/Bull Trout as part of trout daily limit, minimum length twenty inches.

Sullivan Creek (Pend Oreille County), from Mill Pond upstream and tributaries: Selective gear rules. Trout: Eastern brook trout not counted in daily trout limit. Eastern brook trout daily limit ten. Once the daily limit of trout other than eastern brook trout has been achieved, the entire daily limit for trout other than eastern brook trout and eastern brook trout has been taken.

Sullivan Lake (Pend Oreille County): Trout: Daily limit 2 trout, except kokanee not counted in daily trout limit. Kokanee daily limit ten.

Sultan River (Snohomish County), from its mouth to a point four hundred feet downstream from the diversion dam at river mile 9.7: ~~((June 1))~~ The first Saturday in June through last day in February season. Trout except Dolly Varden/Bull Trout: Minimum length fourteen inches. Legal to retain Dolly Varden/Bull Trout as part of trout daily limit, minimum length twenty inches.

Sultan River, North and South Forks (Snohomish County): Closed waters.

Summit Lake (Stevens County): Last Saturday in April through October 31 season.

Summit Lake (Thurston County): Last Saturday in April through October 31 season.

Sunday Creek (tributary to N.F. Snoqualmie River) (King County): Closed waters.

Sutherland Lake (Clallam County): Chumming permitted.

Swale Creek (Klickitat County): Trout: Release all trout.

Swamp Creek (tributary to Sammamish River) (Snohomish/King counties): (~~(June 1)~~) The first Saturday in June through August 31 season. Juveniles only.

Swan Lake (Ferry County): Last Saturday in April through October 31 season.

Swan's Mill Pond (Stossel Creek) (King County): The first Saturday in June (~~(+)~~) through October 31 season.

Swauk Creek (Kittitas County): Selective gear rules.

Swift Reservoir (Skamania County): Last Saturday in April through October 31 season. From posted markers below Eagle Cliff Bridge to Bridge: Selective gear rules except fishing from a floating device equipped with an internal combustion motor allowed. Salmon: Landlocked salmon rules apply.

Swofford Pond (Lewis County): Fishing from a floating device equipped with an internal combustion motor prohibited.

Sylvia Lake (Grays Harbor County): Trout: No more than two over 15 inches in length may be retained per day.

Tacoma Creek and tributaries (Pend Oreille County): Trout: Eastern brook trout not counted in daily trout limit. Eastern brook trout daily limit ten. Once the daily limit of trout other than eastern brook trout has been achieved, the entire daily limit for trout other than eastern brook trout and eastern brook trout has been taken.

Tahuya River (Mason County): Selective gear rules and release all fish except salmon. Salmon: Open only September 16 through October 31 mouth to marker one mile above North Shore Road Bridge. Daily limit 2 coho salmon.

Taneum Creek (Kittitas County): Selective gear rules.

Tanwax Lake (Pierce County): Last Saturday in April through October 31 season. Crappie: Daily limit ten, minimum length nine inches.

Tapps Lake (Reservoir) and Tapps Lake (Reservoir) intake canal (Pierce County), to within four hundred feet of the screen at Dingle Basin: Year-round season.

Tarboo Lake (Jefferson County): Last Saturday in April through November 30 season. Fishing from a floating device equipped with an internal combustion engine prohibited. Salmon: Landlocked salmon rules apply.

Tate Creek (tributary to N.F. Snoqualmie River) (King County): Closed waters.

Taylor River (tributary to the Middle Fork Snoqualmie) (King County): Selective gear rules. All species: Release all fish.

Teal Lakes (North and South) (Grant County): April 1 through September 30 season.

Teal Lake (Jefferson County): Fishing from a floating device equipped with an internal combustion engine prohibited. Selective gear rules. Trout daily limit one fish.

Teanaway River (Kittitas County): Selective gear rules. Trout: Release all trout.

Teanaway River, North Fork (Kittitas County): Mouth to Beverly Creek including all tributaries: Selective gear rules. Trout: Release all trout. Beverly Creek to impassable waterfall at the end of USFS Road 9737 (about 8 river miles): Closed waters.

Tenas Lake (Mason County): Last Saturday in April through October 31 season.

Tennant Lake (Whatcom County): Fishing from any floating device prohibited from first Friday in October through January 15.

Terrell, Lake (Whatcom County): Fishing from any floating device prohibited the first Saturday after Labor Day through the following Friday and from October 1 through January 31 except fishing from floating dock permitted.

Thomas Lake (Stevens County): Last Saturday in April through October 31 season.

Thornton Creek (tributary to Lake Washington) (King County): (~~(June 1)~~) The first Saturday in June through August 31 season. Juveniles only.

Thread Lake (Adams County): April 1 through September 30 season.

Tibbetts Creek (tributary to Lake Sammamish) (King County): (~~(June 1)~~) The first Saturday in June through August 31 season. Juveniles only.

Tieton River (Yakima County): Lawful to fish to base of Tieton (Rimrock) Dam. Selective gear rules (~~(June 1)~~) the first Saturday in June through October 31. Additional December 1 through March 31 season: Whitefish gear rules apply.

Tieton River, North Fork (Yakima County): Closed waters: Clear Lake spillway channel and the river within 400' of Clear Lake Dam. (~~(From Rimrock Lake to Clear Lake Dam)~~) Entire river, including that portion of the river that flows through the dry lakebed(~~(-June 1)~~) of Rimrock Reservoir: The first Saturday in June through August 15 season.

Tieton River, South Fork (Yakima County): From the bridge on USFS Road 1200 to bridge on USFS Rd. 1070 (approximately 12.5 miles): Closed waters.

Tiger Lake (Kitsap/Mason counties): Last Saturday in April through October 31 season.

Tilton River (Lewis County), from mouth to West Fork: (~~(June 1)~~) The first Saturday in June through March 31 season. Trout: Daily limit five, no more than one over twelve inches in length. Release cutthroat. Release rainbow trout except rainbow trout having a clipped adipose fin and a healed scar at the site of the clipped fin. Salmon: Open only June 1 through December 31. Minimum length eight inches. June 1 through July 31, daily limit 6 fish, of which no more than 2 may be adult salmon. Release wild coho. August 1 through December 31, daily limit 6 fish, of which no more than 2 may be adult Chinook. Release wild coho.

Tilton River, East, North, South and West Forks (Lewis County): Selective gear rules. Trout: Minimum length twelve inches.

Toad Lake (Whatcom County): Last Saturday in April through October 31 season.

Tokul Creek (King County):

From mouth to the Fish Hatchery Road Bridge: December 1 through last day in February season, closed 5:00 p.m. to 7:00 a.m. daily. ~~((Nonbuoyant lure restriction-))~~ Anti-snagging rule. Trout: Minimum length fourteen inches.

From Fish Hatchery Road Bridge to posted cable boundary marker located approximately four hundred feet downstream of the hatchery intake: January 15 through last day in February season, closed 5:00 p.m. to 7:00 a.m. daily. ~~((Nonbuoyant lure restriction-))~~ Anti-snagging rule. Trout: Minimum length 14 inches.

From the posted cable boundary marker located approximately four hundred feet downstream of the hatchery intake to the railroad trestle: Closed waters.

Tolt River (King County):

From mouth to the USGS trolley cable near the confluence of the North and South Forks: ~~((June 1))~~ The first Saturday in June through last day in February season. ~~((June 1))~~ The first Saturday in June through November 30, selective gear rules. Trout: Minimum length fourteen inches.

From the USGS trolley cable to the falls in Sec. 21, Twp 26N., R 8 E. on the North Fork, and to the dam on the South Fork: Closed waters.

From falls upstream on North Fork: Selective gear rules. All species: Release all fish.

From dam upstream on South Fork: Selective gear rules. Trout: Minimum length ten inches.

Touchet River (Columbia/Walla Walla counties):

From confluence of north and south forks upstream, including Robinson and Wolf Forks: Selective gear rules. Trout: Release all steelhead. Tributaries other than North Fork, South Fork, Robinson Fork, and Wolf Fork: Closed waters.

North Fork: Upstream of Spangler Creek ~~((June 1))~~ the first Saturday in June through August 31 season.

South Fork: Upstream from Griffin Creek ~~((June 1))~~ the first Saturday in June through August 31 season.

Wolf Fork: Upstream from Coates Creek ~~((June 1))~~ the first Saturday in June through August 31 season.

From mouth to confluence of north and south forks: Additional season: November 1 through March 31. Barbless hooks required. All species: Release all fish except hatchery steelhead and brown trout. Trout: Daily limit three fish.

Toutle River (Cowlitz County):

From mouth to forks, and North Fork from the mouth to the posted deadline below the fish collection facility: ~~((June 1))~~ The first Saturday in June through November 30 season. ~~((Nonbuoyant lure restriction-))~~ Anti-snagging rule and night closure September 1 through October 15 on North Fork from confluence with South Fork to mouth of Green River. All game fish: Release all fish except up to two hatchery steelhead per day may be retained. Salmon: Open only August 1

through November 30. Daily limit 6 fish of which no more than 4 may be adult coho. Release chum, wild coho, wild Chinook, and hatchery adult Chinook.

From the posted deadline below the fish collection facility upstream to the headwaters, including all tributaries, but excepting Castle and Coldwater Lakes: Closed waters.

Toutle River, South Fork (Cowlitz County), mouth to source: Closed waters: All tributaries. ~~((June 1))~~ The first Saturday in June through November 30 season. All species: Release all fish except hatchery steelhead. Trout: Minimum length twenty inches. Mouth to 4100 Road Bridge: Additional December 1 through March 31 season. Selective gear rules. All species: Release all fish except hatchery steelhead.

Trapper Lake (Chelan County): Trout: Daily limit two.

Trout Creek (tributary to Wind River) (Skamania County): Closed waters.

Trout Lake (Ferry County): Last Saturday in April through October 31 season.

Trout Lake (tributary to Big White Salmon River) (Klickitat County): ~~((June 1))~~ The first Saturday in June through October 31 season.

Tucannon River (Columbia/Walla Walla counties): Closed waters: All tributaries.

From the mouth upstream to Turner Road Bridge: Additional November 1 through March 31 season. Barbless hooks required. All species: Release all fish except hatchery steelhead and whitefish. Trout: Daily limit three hatchery steelhead.

From the Turner Road Bridge upstream to the Tucannon Hatchery Bridge: Selective gear rules ~~((June 1))~~ the first Saturday in June through October 31. Additional season November 1 through March 31. Barbless hooks required. All species: Release all fish except hatchery steelhead and whitefish. Trout: Daily limit three hatchery steelhead.

From the Tucannon Hatchery Bridge upstream to 500 feet above the Rainbow Lake intake: Closed waters.

From 500 feet above the Rainbow Lake intake to the Cow Camp Bridge: Selective gear rules. Release steelhead.

From Cow Camp Bridge upstream: Closed waters.

Tucquala Lake (Kittitas County): ~~((June 1))~~ The first Saturday in June through October 31 season.

Tunnel Lake (Skamania County): Trout: No more than 2 trout 20 inches in length or greater may be retained.

Twin Lake (Jefferson County): Last Saturday in April through October 31 season.

Twin Lakes (Chelan County) and tributaries and outlet stream to junction with the Napeequa River: Closed waters.

Twisp River (Okanogan County), from mouth to War Creek: ~~((June 1))~~ The first Saturday in June through August 15 season. Selective gear rules. All species: Release all fish. War Creek to South Fork Twisp River: Closed waters.

Tye River (King County): Foss River to Alpine Falls ~~((June 1))~~ the first Saturday in June through October 31 ~~((season))~~: All species: Selective gear rules. Trout: Minimum length

fourteen inches. Whitefish: Additional November 1 through last day in February season. Release all fish other than whitefish. From Alpine falls upstream: Trout: Minimum size ten inches.

U Lake (Mason County): Last Saturday in April through October 31 season.

Umtanum Creek (Kittitas County): Selective gear rules.

Uncle John Creek (Mason County): Closed waters.

Union Creek (Yakima County): From mouth upstream to falls (approximately 1/4 mile): Closed waters.

Union River (Mason County): Mouth to North Shore Road Bridge. All species: Release all fish except sturgeon.

From North Shore Road Bridge to lower bridge on Old Belfair Highway: ~~((June 1))~~ The first Saturday in June through August 15 season. Selective gear rules. All species: Release all fish except sturgeon.

From lower bridge on Old Belfair Highway upstream to watershed boundary: Selective gear rules. All species: Release all fish except sturgeon.

From watershed boundary to source, including all tributaries: Closed waters.

Upper Wheeler Reservoir (Chelan County): Closed waters.

Valley Creek (Clallam County): Juveniles only.

Vance Creek (Mason County): Trout: Minimum length fourteen inches.

Vance Creek/Elma Ponds (Grays Harbor County): Pond One: Last Saturday in April through November 30 season. Juveniles, holders of a senior license and holders of a department disability license only. Trout: No more than two over 15 inches in length may be retained per day. Salmon: Landlocked salmon rules apply. Pond Two: Last Saturday in April through November 30 season. Trout: No more than two over 15 inches in length may be retained per day. Salmon: Landlocked salmon rules apply.

Vancouver Lake and all other waters west of Burlington-Northern Railroad from Columbia River drawbridge near Vancouver downstream to Lewis River (Clark County): Closed waters: April 1 through May 30 the Vancouver Lake flushing channel is closed and it is closed to fishing from the lake shoreline within 400 feet east and west of the channel exit. Chumming permitted. Trout: Daily limit two, minimum length twelve inches. Sturgeon: Seasons, days of the week, daily limits, and size limits same as in adjacent waters of mainstem Columbia River.

Vanes Lake (Pend Oreille County): Last Saturday in April through October 31 season.

Van Winkle Creek (Grays Harbor County): Mouth to 400 feet below outlet of Lake Aberdeen Hatchery: All species: Anti-snagging rule and night closure August 16 through November 30. Game fish: Minimum length 14 inches. Salmon: Open only September 1 through January 31. Daily limit 6 fish of which not more than 2 may be adult fish. Release chum, adult Chinook and wild adult coho.

Vic Meyers (Rainbow) Lake (Grant County): Last Saturday in April through September 30 season.

Vogler Lake (Skagit County): Last Saturday in April through October 31 season. Fly fishing only. All species: Release all fish.

Voight Creek (Pierce County): From mouth to Highway 162 Bridge: Closed waters.

Wagners Lake (Snohomish County): Last Saturday in April through October 31 season.

Wahkiacus Creek (Klickitat County): Trout: Release all trout.

Waitts Lake (Stevens County): Last Saturday in April through last day in February season.

Walker Lake (King County): Last Saturday in April through October 31 season.

Wallace River (Snohomish County):

From its mouth to 200 feet upstream of the water intake of the salmon hatchery: ~~((June 1))~~ The first Saturday in June through last day in February season. Closed waters: From 363rd Avenue S.E./Reece Road to a point two hundred feet upstream of the water intake of the salmon hatchery during the period ~~((June 1))~~ the first Saturday in June through August 31. Fishing from any floating device prohibited November 1 through last day in February. Trout except Dolly Varden/Bull Trout: Minimum length fourteen inches. Legal to retain Dolly Varden/Bull Trout as part of trout daily limit, minimum length twenty inches. Salmon: Open only September 1 through November 30. Daily limit 2 coho.

From 200 feet upstream of the water intake of the salmon hatchery to mouth of Olney Creek: November 1 through last day in February season. Fishing from any floating device prohibited. Trout except Dolly Varden/Bull Trout: Minimum length fourteen inches. Legal to retain Dolly Varden/Bull Trout as part of trout daily limit, minimum length twenty inches.

Walla Walla River (Walla Walla County):

From mouth to the Touchet River: Year-round season. Trout: Barbless hooks required when fishing for steelhead. Trout: Release trout April 1 through May 31. Daily limit three hatchery steelhead. Channel catfish: No daily limit.

From the Touchet River upstream to state line: Trout: All tributaries except Mill Creek, maximum length twenty inches. Channel catfish: No daily limit. Additional season November 1 through March 31. All species: Barbless hooks required and release all fish except hatchery steelhead. Trout: Daily limit three hatchery steelhead.

Walupt Lake (Lewis County): Closed waters: All inlet streams. Last Saturday in April through October 31 season. Selective gear rules except fishing from a floating device equipped with an internal combustion motor allowed. Trout: Minimum length ten inches.

Wannacut Lake (Okanogan County): Last Saturday in April through October 31 season.

Wapato Lake (Chelan County): Last Saturday in April through October 31 season. From August 1 through October 31: Selective gear rules except fishing from a device equipped with an internal combustion motor permitted. Trout: Release all trout.

Wapato Lake (Pierce County): Juveniles only.

Ward Lake (Ferry County): Last Saturday in April through October 31 season.

Ward Lake (Thurston County): Last Saturday in April through October 31 season.

Warden Lake and Warden Lake, South (Grant County): Last Saturday in April through September 30 season.

Washburn Island Pond (Okanogan County): April 1 through September 30 season. Fishing from a floating device equipped with an internal combustion motor prohibited.

Washburn Lake (Okanogan County): Last Saturday in April through October 31 season. Trout: Daily limit two.

Washington, Lake, including that portion of the Sammamish River from the 68th Avenue N.E. Bridge downstream (King County): Fishing from floating device prohibited one hundred yards either side of the floating bridges. Chumming permitted. Trout: December 1 through last day in February, daily limit 5, no minimum length. Release steelhead and rainbow trout over twenty inches in length. March 1 through June 30, daily limit 5, minimum length twelve inches. Release steelhead and rainbow trout over twenty inches in length. Kokanee/sockeye under fifteen inches are kokanee while those fifteen inches and over are sockeye salmon. Salmon: Open only September 16 through October 31 north of Highway 520 Bridge and east of Montlake Bridge. Daily limit four coho salmon.

Washington, Lake, Ship Canal (King County) (waters east of a north-south line 400 feet west of the fish ladder at the Chittenden Locks and west of a north-south line at the eastern ends of the concrete abutments east of the Montlake Bridge): West of Fremont Bridge: Fishing from floating device prohibited. East of Fremont Bridge: Chumming permitted.

From west boundary to a north-south line 400 feet east of the eastern end of the northern wing wall of Chittenden Locks: Closed waters.

From 400 feet east of the eastern end of the northern wing wall of Chittenden Locks to the east boundary: Open year-round. Trout: December 1 through last day in February daily limit five, no minimum length. Release steelhead and rainbow trout over twenty inches in length. March 1 through June 30, daily limit five, minimum length twelve inches. Release steelhead and rainbow trout over twenty inches in length. July 1 through November 30, daily limit five, no minimum length. Kokanee/sockeye less than fifteen inches in length are kokanee and fifteen inches and over in length are sockeye salmon.

Washougal River (Clark County): Night closure year-round.

From mouth to bridge at Salmon Falls: ~~((June 1)) The first Saturday in June~~ through March 15 season. ~~((Nonbuoyant lure restriction))~~ Anti-snagging rule and stationary gear

restriction July 1 through October 31. When ~~((nonbuoyant lure restriction))~~ anti-snagging rule is in effect, only fish hooked inside the mouth may be retained. Trout: Release all trout except up to 2 hatchery steelhead per day may be retained. Salmon: Open only August 1 through March 15. Daily limit 6 fish of which no more than 2 may be adult salmon. Release chum, wild coho, and wild jack Chinook. Upstream of Little Washougal River, release adult Chinook October 1 through November 30.

From mouth to Mt. Norway Bridge: Additional April 16 through ~~((May 31))~~ the Friday before the first Saturday in June season. Selective gear rules. Trout: Release all trout except up to 2 hatchery steelhead per day may be retained.

From bridge at Salmon Falls to its source, including tributaries: Closed waters.

Washougal River, West (North) Fork (Clark/Skamania counties):

From mouth to the water intake at the department hatchery: Closed waters.

From intake at department hatchery to source: ~~((June 1))~~ The first Saturday in June through March 15 season. Trout: Release all trout except up to 2 hatchery steelhead per day may be retained.

Watson Lake (Columbia County): March 1 through October 31 season. Fishing from any floating device prohibited. Trout: No more than 2 trout over 13 inches in length may be retained.

Waughop Lake (Pierce County): Salmon: Landlocked salmon rules apply.

Wenas Lake (Yakima County): Trout: Daily limit five, of which not more than two may be brown trout.

Wenaha River tributaries within Washington: ~~((June 1))~~ The first Saturday in June through August 31 season. Selective gear rules. Trout: Release all steelhead.

Wenatchee Lake (Chelan County): Selective gear rules except fishing from a floating device equipped with an internal combustion motor allowed. Trout except kokanee: Daily limit two, minimum length twelve inches. Release kokanee. Kokanee/sockeye under sixteen inches will be considered kokanee while those sixteen inches and over will be considered sockeye salmon.

Wenatchee River, including Lake Jolanda (Chelan County):

December 1 through March 31 season, from mouth to Highway 2 Bridge at Leavenworth only. Whitefish gear rules apply.

Wentworth Lake (Clallam County): Unlawful to fish from a floating device equipped with an internal combustion engine.

West Evans Pond (Asotin County): Trout: No more than 2 trout over 13 inches in length may be retained.

West Twin River (Clallam County): ~~((June 1 through October 31 season))~~ Trout: Minimum length fourteen inches.

Whatcom Creek (Whatcom County):

From mouth to stone bridge at Whatcom Falls Park: ~~((June 1))~~ The first Saturday in June through last day in Feb-

ruary season. (~~(Nonbuoyant lure restriction)~~) Anti-snagging rule and night closure August 1 through December 31. Closed waters: Woburn Street Bridge upstream to the stone bridge. Trout: Minimum length fourteen inches. Salmon: Open only August 1 through December 31 from mouth to markers below Dupont Street. Daily limit 6 fish of which not more than 2 may be adult salmon. Anglers fishing lawfully, within 50 yards of the Bellingham Technical College Hatchery Collection Tube, and on the hatchery side of the creek, that hook and land chum salmon, may remove those chum salmon from the water and immediately place them unharmed into the Hatchery Collection Tube.

From stone bridge at Whatcom Falls Park upstream to Lake Whatcom: Last Saturday in April through October 31 season. Juveniles only. (~~(Nonbuoyant lure restriction)~~) Anti-snagging rule and night closure August 1 through October 31. Trout: No minimum length.

Whatcom, Lake (Whatcom County): Last Saturday in April through October 31 season, except those waters between the Electric Avenue Bridge and the outlet dam are closed waters: Trout: Release cutthroat trout.

Whatcom, Lake, tributaries (Whatcom County): Closed waters.

Wheeler Creek (Klickitat County): Trout: Release all trout.

White River (Chelan County), from mouth upstream to White River Falls: Closed waters.

White (Stuck) River (Pierce County):

From mouth to R Street Bridge in Auburn: October 1 through last day in February season: October 1 through October 31 all species: Fly fishing only and release all fish. November 1 through last day in February. Trout: Minimum length fourteen inches. (~~(Nonbuoyant lure restriction)~~) Anti-snagging rule and night closure November 1 through November 30.

From R Street Bridge to Highway 410 Bridge at Buckley: October 1 through October 31 season. Closed waters: Puget Power canal, including the screen bypass channel, above the screen at Dingle Basin. (~~(Nonbuoyant lure restriction)~~) Anti-snagging rule and night closure. Trout: 14 inch minimum size.

From the Weyerhaeuser 6000 Road Bridge (Bridge Camp) to its source: July 1 through October 31 season. (~~(Nonbuoyant lure restriction)~~) Anti-snagging rule and night closure October 1 through October 31. Selective gear rules July 1 through October 31. Trout: Minimum length fourteen inches. Whitefish: Additional November 1 through January 31 season. Whitefish gear rules apply.

Whitechuck River (Snohomish County): Trout: Legal to retain Dolly Varden/Bull Trout as part of trout daily limit, minimum length twenty inches.

White Salmon River (Klickitat/Skamania counties):

From mouth to powerhouse: Open year-round. Bank fishing only downstream from the Highway 14 Bridge. August 1 through December 31: (~~(Nonbuoyant lure restriction)~~) Anti-snagging rule. Trout: Minimum length fourteen inches. Salmon and steelhead: Open April 1 through June 30,

daily limit two fish, one or both of which may be salmon or hatchery steelhead. Release all fish except salmon or hatchery steelhead. Release wild Chinook. Salmon: Open July 1 through March 31. Daily limit 6 fish of which no more than 2 may be adult salmon. Release wild coho and wild jack Chinook. October 1 through December 31, release adult Chinook upstream of posted markers 0.5 miles upstream of Highway 14 Bridge.

From powerhouse to within four hundred feet of Northwestern Dam: November 16 to April 30 season except salmon and steelhead. Trout: Minimum length fourteen inches. Release trout April 1 through April 30. Salmon: Open November 16 through March 31. Daily limit 6 fish of which no more than 2 may be adult salmon. Release wild coho and wild jack Chinook. November 16 through December 31, release adult Chinook. Salmon and steelhead: Open April 1 through June 15, daily limit two fish, one or both of which may be salmon or hatchery steelhead. Release all fish except salmon or hatchery steelhead. Release wild Chinook.

From gas pipeline crossing above Northwestern Lake to Gilmer Creek: Selective gear rules. Trout: Minimum length twelve inches.

Wide Hollow Creek (Yakima County): Trout: Daily limit five, no minimum length.

Widgeon Lake (Grant County): April 1 through September 30 season.

Wildberry Lake (Mason County): Last Saturday in April through October 31 season.

Wildcat Lake (Kitsap County): Last Saturday in April through October 31 season.

Wilderness Lake (King County): Last Saturday in April through October 31 season. Salmon: Landlocked salmon rules apply.

Willame Lake (Lewis County): Last Saturday in April through October 31 season. Selective gear rules. Trout: Daily limit two, minimum length fifteen inches.

Willapa River (Pacific County): Mouth to Highway 6 Bridge: (~~(June 1)~~) The first Saturday in June through March 31 season. All game fish: Release all game fish except that up to two hatchery steelhead may be retained per day. All species: August 16 through November 30 night closure and single point barbless hooks required. August 16 through November 30 above the WDFW access at the mouth of Ward/Wilson Creek stationary gear restriction. Highway 6 Bridge to Fork Creek: (~~(June 1)~~) The first Saturday in June through July 15 and October 16 through March 31 season. Night closure, single point barbless hooks, and stationary gear restriction October 16 through November 30.

All game fish: Release all fish except that up to two hatchery steelhead may be retained. Salmon: Open only August 1 through January 31 from mouth to Highway 6 Bridge approximately 2 miles below mouth of Trap Creek and open October 16 through January 31 from Highway 6 Bridge to Fork Creek. Daily limit 6 fish of which no more than 3 may be adult salmon and of the adult salmon not more

than one may be a wild adult coho and not more than two may be adult Chinook.

Sturgeon: Open year round from mouth to Highway 6 Bridge.

Upstream from Fork Creek: Selective gear rules. August 16 through October 31, ~~((nonbuoyant lure restriction))~~ anti-snagging rule and night closure. All species: Release all fish except up to two hatchery steelhead per day may be retained.

South Fork: ~~((June 1))~~ The first Saturday in June through last day in February season. Selective gear rules ~~((June 1))~~ the first Saturday in June through October 31. ~~((Nonbuoyant lure restriction))~~ Anti-snagging rule and night closure August 16 through November 30. All species: Release all fish except up to two hatchery steelhead may be retained.

Williams Creek (Pacific County): ~~((June 1))~~ The first Saturday in June through last day in February season. Selective gear rules. All species: Release all fish except up to two hatchery steelhead per day may be retained.

Williams Lake (Spokane County): Last Saturday in April through September 30 season.

Williams Lake (Stevens County): December 1 through March 31 season. All species: Catch and release except up to five rainbow trout may be retained.

Wilson Creek (two branches within Ellensburg city limits) (Kittitas County): ~~((Open year round))~~ Juveniles only. ~~((Trout: Daily limit five, no minimum length))~~

Winchester Wasteway (Grant County): Within Winchester Game Reserve: February 1 through September 30 season.

Wind River (Skamania County):

Mouth to four hundred feet below Shipherd Falls: July 1 through March 15 season, except salmon and steelhead. May 1 through June 30: ~~((Nonbuoyant lure restriction))~~ Anti-snagging rule and night closure. August 1 through October 31: ~~((Nonbuoyant lure restriction))~~ Anti-snagging rule and night closure. When ~~((nonbuoyant lure restriction))~~ anti-snagging rule is in effect, only fish hooked in the mouth may be retained. Salmon and steelhead: Open March 16 through June 30 daily limit 2 fish, one or both of which may be a salmon or hatchery steelhead. Release all fish except salmon and hatchery steelhead. Release wild Chinook. Trout: Minimum length fourteen inches. Salmon: Open August 1 through October 31. Daily limit 6 fish of which no more than 2 may be adult salmon. Release wild coho and wild jack Chinook. Release adult Chinook from Burlington-Northern Railroad Bridge upstream.

From four hundred feet below to one hundred feet above Shipherd Falls fish ladder: Closed waters.

From one hundred feet above Shipherd Falls to source, including all tributaries: May 1 through June 30 season. Closed waters: From 400 feet below to 100 feet above the Coffey Dam and from a boundary marker approximately 800 yards downstream from Carson National Fish Hatchery upstream, including all tributaries. ~~((Nonbuoyant lure restriction))~~ Anti-snagging rule and night closure. When ~~((nonbuoyant lure restriction))~~ anti-snagging rule is in effect, only fish hooked in the mouth may be retained. Salmon and steel-

head: Daily limit 2 fish, one or both of which may be a salmon or hatchery steelhead. Release all fish except salmon and hatchery steelhead. Additional season September 16 through November 30. Selective gear rules. All species: Release all fish.

Winston Creek (tributary to Cowlitz River) (Lewis County): Selective gear rules. Trout: Minimum length ten inches.

Wishkah River (Grays Harbor County), including all forks: Closed waters: From weir at Wishkah Rearing Ponds, downstream 200 feet. Trout: Minimum length fourteen inches. Mouth to mouth of the West Fork: ~~((June 1))~~ The first Saturday in June through March 31 season. Single point barbless hooks required August 16 through November 30. Selective gear and all species: Release all fish, except up to two hatchery steelhead may be retained per day, March 1 through March 31. Salmon: Open October 1 through December 31. October 1 through October 15, daily limit 6 fish, of which no more than 2 may be adult salmon; and of the adult salmon, only 1 may be an adult wild coho. Release chum and adult Chinook. October 16 through December 31, daily limit 6 fish, of which no more than 2 may be adult salmon. Release chum, wild coho, and adult Chinook.

From the mouth of the West Fork to two hundred feet below the weir at the Wishkah Rearing Ponds: ~~((June 1))~~ The first Saturday in June through March 31 season. All species: March 1 through March 31, release all fish, except up to two hatchery steelhead may be retained per day, and selective gear rules. Salmon: Open October 1 through December 31. October 1 through October 15, daily limit 6 fish, of which no more than 2 may be adult salmon, and of the adult salmon, only 1 may be an adult wild coho. Release chum and adult Chinook. October 16 through December 31, daily limit 6 fish, of which no more than 2 may be adult salmon. Release chum, wild coho, and adult Chinook.

From the weir at the Wishkah Rearing Ponds upstream: Trout: Minimum length fourteen inches.

Wolf Creek, mouth to mouth of south fork (Okanogan County): Closed waters.

Wood Lake (Mason County): Last Saturday in April through October 31 season.

Woodland Creek (Thurston County): Trout: Minimum length fourteen inches.

Wooten Lake (Mason County): Last Saturday in April through October 31 season.

Wye Lake (Kitsap County): Last Saturday in April through October 31 season.

Wynoochee River (Grays Harbor County): Trout: Minimum length fourteen inches. Mouth to 7400 line bridge above mouth of Schafer Creek: ~~((June 1))~~ The first Saturday in June through March 31 season. Single point barbless hooks required August 16 through November 30. Salmon: Open only October 1 through January 31. Daily limit 6 fish of which no more than 2 may be adult salmon. Release chum, wild coho, and adult Chinook.

7400 line bridge upstream: Additional December 1 through March 31 season. Selective gear rules. Fishing from

a floating device prohibited. All species: Release all fish except up to two hatchery steelhead may be retained per day.

Wynoochee Reservoir (Grays Harbor County): ~~((June 1))~~ The first Saturday in June through October 31 season. Trout: Daily limit two, minimum length twelve inches. Salmon: Landlocked salmon rules apply.

Yakima River (Yakima County): Release all steelhead in mainstem and tributaries. Channel catfish: No daily limit.

From mouth to 400 feet below Prosser Dam: March 1 through October 22 season. Closed waters: From the WDFW white markers 200 feet downstream of the USBR Chandler Powerhouse/Pumping Station spillway chute to the power-line crossing immediately upstream of the powerhouse September 1 through October 22. Chumming permitted. Trout: Release all trout. Salmon: Open only September 1 through October 22. Daily limit 6 fish of which not more than 2 may be adult salmon. All species: ~~((Nonbuoyant lure restriction))~~ Anti-snagging rule and night closure ~~((:))~~ September 1 through October 22.

From Prosser Dam to Highway 223 Bridge: May 1 through October 31 season. Trout: Release all trout.

From mouth to Highway 223 Bridge: Bass: Bass 12 to 17 inches in length may be retained. No daily limit for bass, but not more than 3 bass greater than 15 inches in length may be retained.

From Highway 223 Bridge to 400 feet below Sunnyside Dam: ~~((Year-round season:))~~ Trout: Minimum length twelve inches and maximum length twenty inches. ~~((Release all trout April 1 through May 31:))~~ Salmon: Open only September 1 through October 22. Daily limit 6 fish of which not more than 2 may be adult salmon. All species: ~~((Nonbuoyant lure restriction))~~ Anti-snagging rule and night closure September 1 through October 22. Additional season December 1 through last day in February - Whitefish gear rules apply.

From Sunnyside Dam to thirty-five hundred feet below Roza Dam: ~~((Year-round season:))~~ Closed waters: From Yakima Avenue-Terrace Heights Bridge upstream 400 feet. All species: Selective gear rules. Trout: Minimum length twelve inches and maximum length twenty inches. ~~((Release all trout April 1 through May 31:))~~ Additional season December 1 through last day in February - Whitefish gear rules apply.

From thirty-five hundred feet below Roza Dam to ~~((Roza Dam: Closed waters: From four hundred feet below))~~ Roza Dam ~~((, upstream:))~~ December 1 through last day in February season. Whitefish gear rules apply. ~~((Release all game fish except whitefish:))~~

From Roza Dam to four hundred feet below Easton Dam and from Lake Easton to the base of Keechelus Dam: Year-round season. Fishing from floating devices equipped with motors allowed only from the U.S. Bureau of Reclamation restricted area signs at Roza Dam upstream to the boat launch ramp on the Roza Access Area (approximately one-half mile). Selective gear rules except bait and one single point barbed hook three-sixteenths or smaller point to shank may be used December 1 through last day in February. Trout: From Roza Dam to 400 feet below Easton Dam: Release all trout. Lake Easton to the base of Keechelus Dam. Release all

trout except eastern brook trout. Eastern brook trout: No daily limit and no minimum size.

Yakima Sportsmen's Park Ponds (Yakima County): Juveniles only.

Yale Reservoir (Cowlitz County): Trout: Kokanee not counted in daily trout limit. Kokanee daily limit sixteen.

Yellowhawk Creek (Walla Walla County): Closed waters.

Yellowjacket Creek (tributary to Cispus River) (Lewis County): Selective gear rules. Trout: Minimum length twelve inches.

Yokum Lake (Pend Oreille County): Last Saturday in April through October 31 season.

WSR 09-06-043

PERMANENT RULES

DEPARTMENT OF LICENSING

[Filed February 25, 2009, 10:12 a.m., effective March 28, 2009]

Effective Date of Rule: Thirty-one days after filing.

Purpose: Creates a new section of WAC establishing a certificate of registration for retired licensees that clarifies the privileges and restrictions under the registration. Amends WAC 308-48-010 by providing clarification of "In its employ" as used in RCW 18.39.148.

Citation of Existing Rules Affected by this Order: Amending WAC 308-48-010.

Statutory Authority for Adoption: RCW 18.39.175 and chapter 34.05 RCW.

Adopted under notice filed as WSR 08-17-121 on August 20, 2008.

Number of Sections Adopted in Order to Comply with Federal Statute: New 0, Amended 0, Repealed 0; Federal Rules or Standards: New 0, Amended 0, Repealed 0; or Recently Enacted State Statutes: New 0, Amended 0, Repealed 0.

Number of Sections Adopted at Request of a Nongovernmental Entity: New 0, Amended 0, Repealed 0.

Number of Sections Adopted on the Agency's Own Initiative: New 0, Amended 0, Repealed 0.

Number of Sections Adopted in Order to Clarify, Streamline, or Reform Agency Procedures: New 0, Amended 0, Repealed 0.

Number of Sections Adopted Using Negotiated Rule Making: New 0, Amended 0, Repealed 0; Pilot Rule Making: New 0, Amended 0, Repealed 0; or Other Alternative Rule Making: New 0, Amended 0, Repealed 0.

Date Adopted: February 23, 2009.

Joe Vincent Jr.
Administrator

AMENDATORY SECTION (Amending WSR 07-18-030, filed 8/28/07, effective 9/28/07)

WAC 308-48-010 Definitions. For the purpose of these rules, the following term will be construed as follows:

"Embalmer intern" is a person engaged in the study and supervised practical training of embalming under the instruction of a qualified sponsor.

"Funeral director intern" is a person engaged in the study and supervised practical training of funeral directing under the instruction of a qualified sponsor.

"In its employ" as used in RCW 18.39.148 will include personnel who are employed on a part-time basis as well as personnel who are employed on a full-time basis and be in service at a specific location and involved in the execution of the daily activities of the business.

"Internship" means a course of required practical training, for a specified period of time, as a prerequisite for obtaining a license to practice the profession of funeral directing or embalming.

NEW SECTION

WAC 308-48-015 Retired status certificate of registration. Any individual who has been issued a license, in accordance with chapter 18.39 RCW, as a funeral director and/or embalmer having reached at least the age of sixty-two and having discontinued active practice may be eligible to obtain a "retired certificate of registration." If granted, further certificate of registration renewal fees and continuing education are waived. For the purpose of this provision, active practice has the same meaning as funeral director and/or embalmer under RCW 18.39.010 (1) and (2).

(1) Applications. Those persons wishing to obtain the status of a retired registration shall complete an application form, as provided by the board, and pay the required application fee. The retired status would become effective upon the filing of a complete application.

(2) Privileges. In addition to the waiver of the renewal fee and continuing education, a retired registrant is permitted to:

(a) Retain and display the board-issued wall certificate of registration;

(b) Use the title funeral director and/or embalmer, provided that it is supplemented by the term "retired";

(c) Offer consultant services relative to funeral directing and embalming;

(d) Provide references for persons seeking licensure under 18.39 RCW;

(e) Serve as a volunteer in an instructional capacity on funeral directing and/or embalming topics; and

(f) Provide services as a technical expert before a court, or in preparation for pending litigation, on matters directly related to funeral directing and/or embalming work performed by the registrant prior to being granted a retired registration.

(3) Restrictions. A retired registrant is not permitted to: Perform any duties of a funeral director and/or embalmer on a full-time, part-time or occasional basis.

(4) Certificate of registration reinstatement. A retired registrant, upon written request to the board and payment of the current renewal fee, may resume active practice as a funeral director and/or embalmer. At that time, the retired registrant shall be removed from retired status and placed on valid/active status in the records of the board.

(5) Exemptions. Under no circumstances shall a registrant be eligible for a retired certificate of registration if his/her license(s) has been revoked, surrendered, or in any way permanently terminated by the board under chapter 18.39 RCW. Registrants who are suspended from practice and/or who are subject to terms of a board order at the time they reach age sixty-two, shall not be eligible for a retired registration until such time that the board has removed the restricting conditions.

WSR 09-06-046

PERMANENT RULES

STATE BOARD FOR COMMUNITY AND TECHNICAL COLLEGES

[Filed February 25, 2009, 2:33 p.m., effective March 28, 2009]

Effective Date of Rule: Thirty-one days after filing.

Purpose: Change the definition of "needy student" to cite RCW 28B.92.030(3). The current definition cites language from a previous version of the statute. Change the word "and" to "or" in the list of how funds shall be used. This language is cited directly from statute. Change the number of credit hours from "six or more" to "at least three" to match language cited from the statute. Correct the citation for the definition of a "uniform methodology" to WAC 131-36-050 (2).

Citation of Existing Rules Affected by this Order: Amending chapter 131-36 WAC.

Statutory Authority for Adoption: RCW 28B.15.820.

Adopted under notice filed as WSR 09-01-043 on December 10, 2008.

Number of Sections Adopted in Order to Comply with Federal Statute: New 0, Amended 0, Repealed 0; Federal Rules or Standards: New 0, Amended 0, Repealed 0; or Recently Enacted State Statutes: New 0, Amended 4, Repealed 0.

Number of Sections Adopted at Request of a Nongovernmental Entity: New 0, Amended 0, Repealed 0.

Number of Sections Adopted on the Agency's Own Initiative: New 0, Amended 0, Repealed 0.

Number of Sections Adopted in Order to Clarify, Streamline, or Reform Agency Procedures: New 0, Amended 0, Repealed 0.

Number of Sections Adopted Using Negotiated Rule Making: New 0, Amended 0, Repealed 0; Pilot Rule Making: New 0, Amended 0, Repealed 0; or Other Alternative Rule Making: New 0, Amended 4, Repealed 0.

Date Adopted: February 25, 2009.

DelRae Oderman
Executive Assistant
Rules Coordinator

AMENDATORY SECTION (Amending WSR 98-15-012, filed 7/2/98, effective 8/2/98)

WAC 131-36-050 Definitions. For the purposes of chapter 131-36 WAC, the following definitions shall apply:

(1) "Fund" shall mean the institutional financial aid fund established by RCW 28B.15.820.

(2) "Current federal methodology" shall mean the method of determining financial need as prescribed by the United States Department of Education.

(3) "NELA" shall mean Northwestern Education Loan Association, a private student loan guaranteeing association authorized to guarantee educational loans in Washington granted pursuant to 20 U.S. Code Section 1071.

(4) "Operational" shall mean that the institution has been approved as a lender and is eligible to provide loans guaranteed by NELA.

(5) "Needy student" (~~shall mean any post-high-school student who demonstrates the financial inability to meet the cost of attending college using current federal methodology (RCW 28B.10.802))~~) is defined in RCW 28B.92.030(3).

(6) "Other institutional financial aid" shall be defined as locally administered, need-based institutional employment, tuition and fee scholarships, or grants.

AMENDATORY SECTION (Amending WSR 98-15-012, filed 7/2/98, effective 8/2/98)

WAC 131-36-055 Use of fund. Moneys in this fund shall be used for student financial aid:

(1) Long-term loans;

(2) Short-term loans; (~~and~~) or

(3) Locally administered need-based grants, tuition scholarships and institutional employment programs for needy, resident students. The moneys in this fund shall not be used for college operating expenses.

AMENDATORY SECTION (Amending WSR 98-15-012, filed 7/2/98, effective 8/2/98)

WAC 131-36-100 Eligibility. (1) Long-term loans and other institutional financial aid to needy students shall be made only to students who qualify as residents under RCW 28B.15.012 and 28B.15.013 and are enrolled for (~~six or more~~) at least three credit hours of instruction or the equivalent.

(2) Priorities for use of other institutional financial aid shall be given to:

(a) Needy students who have accumulated excessive educational loan burdens;

(b) Needy single parents for educational expenses, including child care and transportation; and

(c) Other eligible needy students.

(3) Short-term loans may be made to any student enrolled in the institution.

(4) For long-term and short-term loans, institutions must have ample evidence that students have the capability of repaying the loan within the time frame specified by the institution.

(5) No individual shall be eligible for long-term loans, short-term loans or other institutional financial aid for needy students if currently in default or delinquent in the payment on any educational loan or who owes a repayment on any federal or state grant.

AMENDATORY SECTION (Amending WSR 98-15-012, filed 7/2/98, effective 8/2/98)

WAC 131-36-150 Limitation on amount. (1) No long-term or short-term loan shall be made from the fund that exceeds either the demonstrated financial need of an eligible student or the maximum allowed under the federal guaranteed need-based loan program.

(2) All long-term loans granted from the fund for periods in excess of one academic quarter shall be disbursed in quarterly installments through proration of the total loan amount.

(3) For purposes of this section, demonstrated financial need shall be the amount determined by application of uniform methodology as defined by WAC 131-36-050(~~(3)~~)(2).

WSR 09-06-047

PERMANENT RULES

DEPARTMENT OF

SOCIAL AND HEALTH SERVICES

(Aging and Disability Services Administration)

[Filed February 25, 2009, 2:52 p.m., effective March 28, 2009]

Effective Date of Rule: Thirty-one days after filing.

Purpose: The division of developmental disabilities (DDD) renumbered the rule sections for the residential algorithm rules previously filed as WAC 388-828-10000 through 388-828-10380 because the numbering was not compatible with the office of the code reviser's computer publishing system. This expedited rule-making action corrects cross references so that they now refer to the new section numbers.

Citation of Existing Rules Affected by this Order: Amending WAC 388-828-5020, 388-828-5520, 388-828-8020, 388-828-9520, 388-828-9530, 388-828-9540, and 388-828-9700.

Statutory Authority for Adoption: RCW 71A.12.030.

Other Authority: Title 71A RCW.

Adopted under notice filed as WSR 08-17-113 on August 20, 2008.

Number of Sections Adopted in Order to Comply with Federal Statute: New 0, Amended 0, Repealed 0; Federal Rules or Standards: New 0, Amended 0, Repealed 0; or Recently Enacted State Statutes: New 0, Amended 0, Repealed 0.

Number of Sections Adopted at Request of a Nongovernmental Entity: New 0, Amended 0, Repealed 0.

Number of Sections Adopted on the Agency's Own Initiative: New 0, Amended 0, Repealed 0.

Number of Sections Adopted in Order to Clarify, Streamline, or Reform Agency Procedures: New 0, Amended 7, Repealed 0.

Number of Sections Adopted Using Negotiated Rule Making: New 0, Amended 0, Repealed 0; Pilot Rule Making: New 0, Amended 0, Repealed 0; or Other Alternative Rule Making: New 0, Amended 7, Repealed 0.

Date Adopted: February 23, 2009.

Stephanie E. Schiller
Rules Coordinator

AMENDATORY SECTION (Amending WSR 08-12-037, filed 5/30/08, effective 7/1/08)

WAC 388-828-5020 How is information in the protective supervision acuity scale used by DDD? (1) Information obtained in the protective supervision acuity scale is one of the factors used by DDD to determine:

- (a) The amount of waiver respite, if any, that you are authorized to receive;
 - (b) Your individual and family services level, if you are authorized to receive individual and family services per chapter 388-832 WAC; and
 - (c) Your residential service level of support, if you are authorized to receive a residential service listed in WAC ((388-828-10020 [WAC 388-828-9510])) 388-828-9510.
- (2) The protective supervision acuity scale is not used when determining your Medicaid personal care or waiver personal care; and
- (3) The information is used for reporting purposes to the legislature and the department.

AMENDATORY SECTION (Amending WSR 08-12-037, filed 5/30/08, effective 7/1/08)

WAC 388-828-5520 How is information in the DDD behavioral acuity scale used by DDD? (1) Information obtained in the DDD behavioral acuity scale is one of the factors used by DDD to determine:

- (a) The amount of waiver respite, if any, that you are authorized to receive;
 - (b) Your individual and family services level, if you are authorized to receive individual and family services per chapter 388-832 WAC; and
 - (c) Your residential service level of support, if you are authorized to receive a residential service listed in WAC ((388-828-10020 [WAC 388-828-9510])) 388-828-9510.
- (2) The DDD behavioral acuity scale does not affect service determination for the Medicaid personal care or waiver personal care assessment.
- (3) The information is used for reporting purposes to the legislature and the department.

AMENDATORY SECTION (Amending WSR 08-12-037, filed 5/30/08, effective 7/1/08)

WAC 388-828-8020 What components contained in the individual support plan module determine a service level and/or number of hours? The following components of the individual support plan module determine a service level and/or number of hours:

- (1) The foster care rate assessment, as defined in chapter 388-826 WAC;
- (2) The individual and family services algorithm, as defined in WAC 388-828-9000 through 388-828-9140; and
- (3) The residential algorithm, as defined in WAC ((388-828-10000 [WAC 388-828-9500])) 388-828-9500 through ((388-828-10380 [388-828-9700])) 388-828-9700.

AMENDATORY SECTION (Amending WSR 08-12-037 [08-15-091], filed 7/17/08, effective 7/17/08)

WAC 388-828-9520 Where does the residential algorithm obtain your support needs information? The residential algorithm obtains your support needs information from the following components of your current DDD assessment:

- (1) The supports intensity scale assessment (SIS) per WAC 388-828-4000 through 388-828-4320;
- (2) The DDD protective supervision acuity scale per WAC 388-828-5000 through 388-828-5100;
- (3) The DDD behavioral acuity scale per WAC 388-828-5500 through 388-828-5640;
- (4) The DDD medical acuity scale per WAC 388-828-5660 through 388-828-5700;
- (5) The program and services panel per WAC 388-828-6020;
- (6) The DDD seizure acuity scale per WAC 388-828-7040 through 388-828-7080; and
- (7) The DDD sleep panel per WAC ((388-828-10260 [WAC 388-828-9640])) 388-828-9640.

Reviser's note: The bracketed material preceding the section above was supplied by the code reviser's office.

AMENDATORY SECTION (Amending WSR 08-12-037 [08-15-091], filed 7/17/08, effective 7/17/08)

WAC 388-828-9530 How does the residential algorithm identify your residential support needs score? The residential algorithm uses the support needs information from your current DDD assessment to identify the following residential support needs scores:

- (1) Community protection program enrollment as defined in WAC ((388-828-10100 [WAC 388-828-9590])) 388-828-9590;
- (2) Daily support needs score as defined in WAC ((388-828-10120 [388-828-9560])) 388-828-9560;
- (3) Mid-frequency support needs score as defined in WAC ((388-828-10140 [WAC 388-828-9580])) 388-828-9580;
- (4) Behavior support needs score as defined in WAC ((388-828-10160 [WAC 388-828-9530])) 388-828-9590;
- (5) Medical support needs score as defined in WAC ((388-828-10180 [WAC 388-828-9600])) 388-828-9600;
- (6) Seizure support needs score as defined in WAC ((388-828-10200 [WAC 388-828-9610])) 388-828-9610;
- (7) Protective supervision support needs score as defined in WAC ((388-828-10220 [WAC 388-828-9620])) 388-828-9620;
- (8) Ability to seek help score as defined in WAC ((388-828-10240 [WAC 388-828-9630])) 388-828-9630;
- (9) Nighttime support needs score as defined in WAC ((388-828-10260 [WAC 388-828-9640])) 388-828-9640;
- (10) Toileting support needs score as defined in WAC ((388-828-10280 [WAC 388-828-9650])) 388-828-9650; and
- (11) Total critical support time as defined in WAC ((388-828-10300 [WAC 388-828-9660])) 388-828-9660 through ((388-828-10360 [388-828-9690])) 388-828-9690.

Reviser's note: The bracketed material preceding the section above was supplied by the code reviser's office.

AMENDATORY SECTION (Amending WSR 08-12-037 [08-15-091], filed 7/17/08, effective 7/17/08)

WAC 388-828-9540 What residential service levels of support does DDD use? DDD uses the following residential service levels of support which correspond with your assessed support needs (see WAC ((~~388-828-10060~~ [WAC 388-828-9530])) ~~388-828-9530~~):

Support Need Level	Typical Support Need Characteristics from the DDD Assessment	Expected Level of Support*
Weekly or less Support Level 1	Client requires supervision, training, or physical assistance in areas that typically occur weekly or less often, such as shopping, paying bills, or medical appointments. Client is generally independent in support areas that typically occur daily or every couple of days.	Clients assessed to need this level receive support on a weekly basis or less frequently.
Multiple times per week Support Level 2	Client is able to maintain health and safety for a full day or more at a time AND needs supervision, training, or physical assistance with tasks that typically occur every few days, such as light housekeeping, menu planning, or guidance and support with relationships. Client is generally independent in support areas that must occur daily.	Clients assessed to need this level receive support multiple times per week.
Intermittent daily -Low Support Level 3A	Client is able to maintain health and safety for short periods of time (i.e., hours, but not days) OR needs supervision, training, or physical assistance with activities that typically occur daily, such as bathing, dressing, or taking medications.	Clients assessed to need this level receive daily support.
Intermittent daily - Moderate Support Level 3B	Client requires supervision, training, or physical assistance with multiple tasks that typically occur daily OR requires frequent checks for health and safety or due to disruptions in routines.	Clients assessed to need this level receive daily support and may receive checks during nighttime hours as needed.
Close proximity Support Level 4	Client requires support with a large number of activities that typically occur daily OR is able to maintain health and safety for very short periods of time (i.e., less than 2 hours, if at all) AND requires occasional health and safety checks or support during overnight hours.	Clients assessed to need this level receive supports in close proximity 24 hours per day. Support hours may be shared with neighboring households.
Continuous day and continuous night Support Level 5	Client is generally unable to maintain health and safety OR requires support with a large number of activities that occur daily or almost every day AND requires nighttime staff typically within the household.	Clients assessed to need this level receive support 24 hours per day.
Community Protection Support Level 6	Client is enrolled in the community protection program.	Clients assessed to need this level of support will receive 24 hour per day supervision per community protection program policy.
*Emergency access to residential staff is available to all clients, 24-hours per day, regardless of the residential service level of support the assessment indicates.		

Reviser's note: The bracketed material preceding the section above was supplied by the code reviser's office.

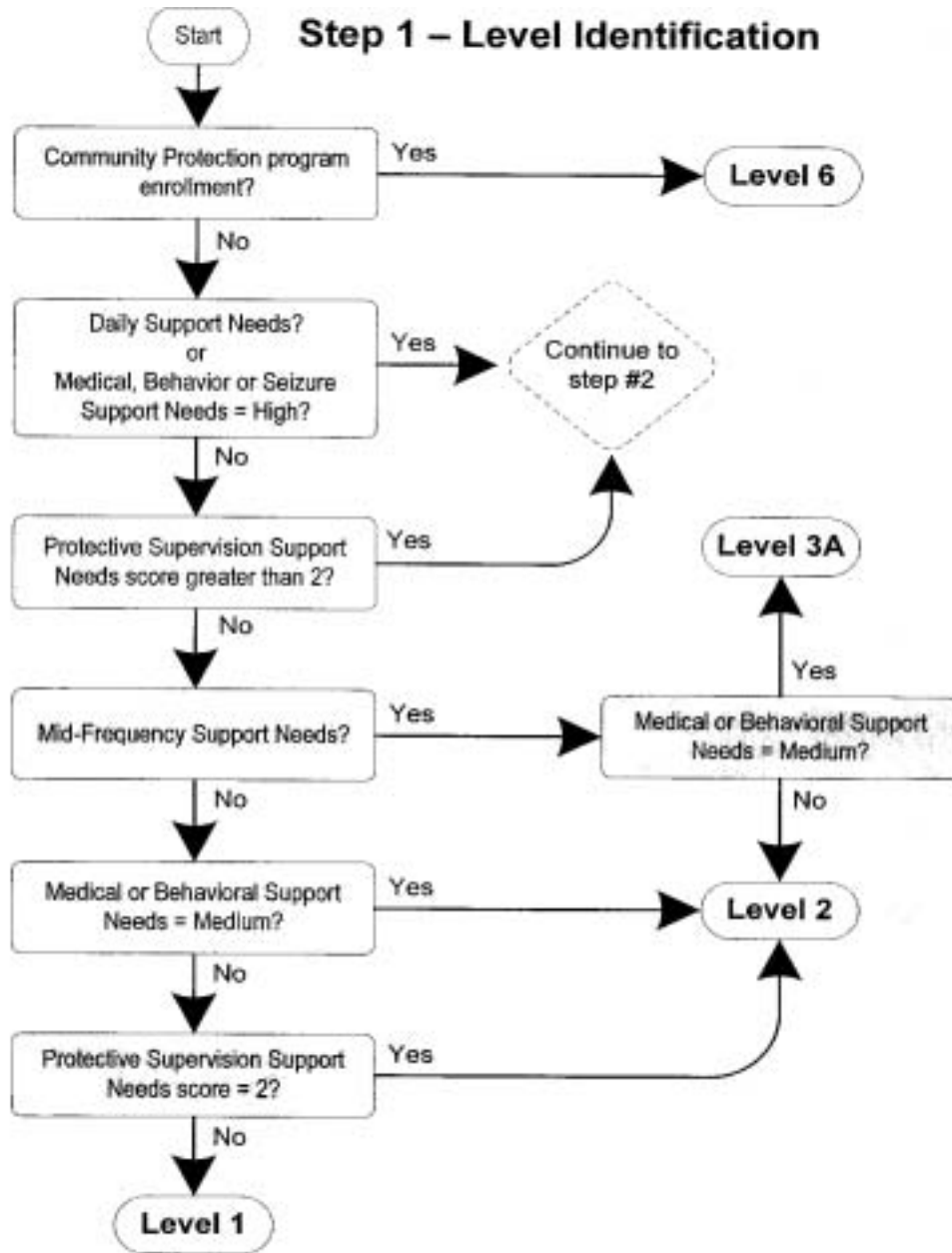
AMENDATORY SECTION (Amending WSR 08-12-037 [08-15-091], filed 7/17/08, effective 7/17/08)

WAC 388-828-9700 How does the residential algorithm use your assessed support needs scores to determine your residential service level of support? (1) The residential algorithm uses your assessed support needs scores (as defined in WAC ((~~388-828-10100~~ [WAC 388-828-9550])) ~~388-828-9550~~ through ((~~388-828-10300~~ [388-828-9660])) ~~388-828-9690~~) to answer questions in a decision tree.

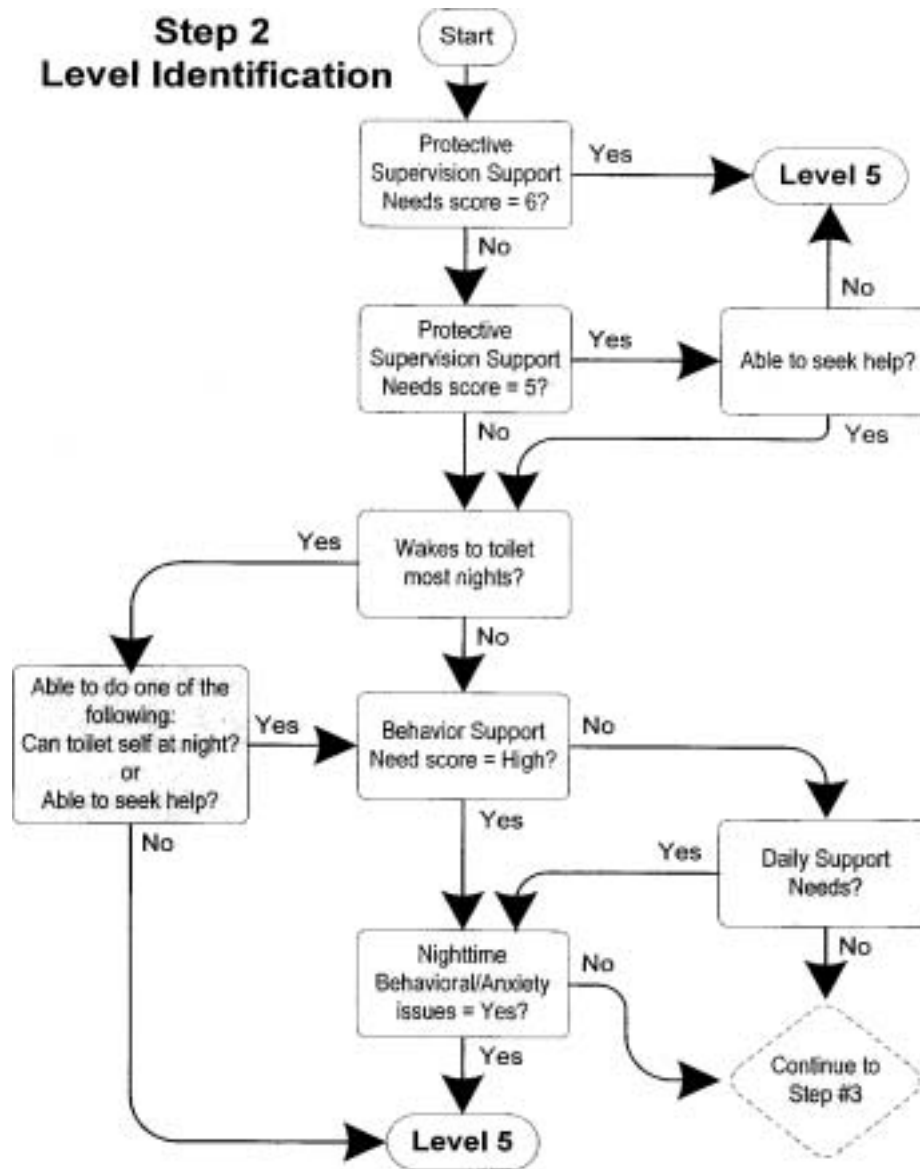
(2) The decision tree path determines your residential service level of support (WAC ((~~388-828-10080~~ [WAC 388-828-9540])) ~~388-828-9540~~).

(3) The decision tree is separated into the following three steps:

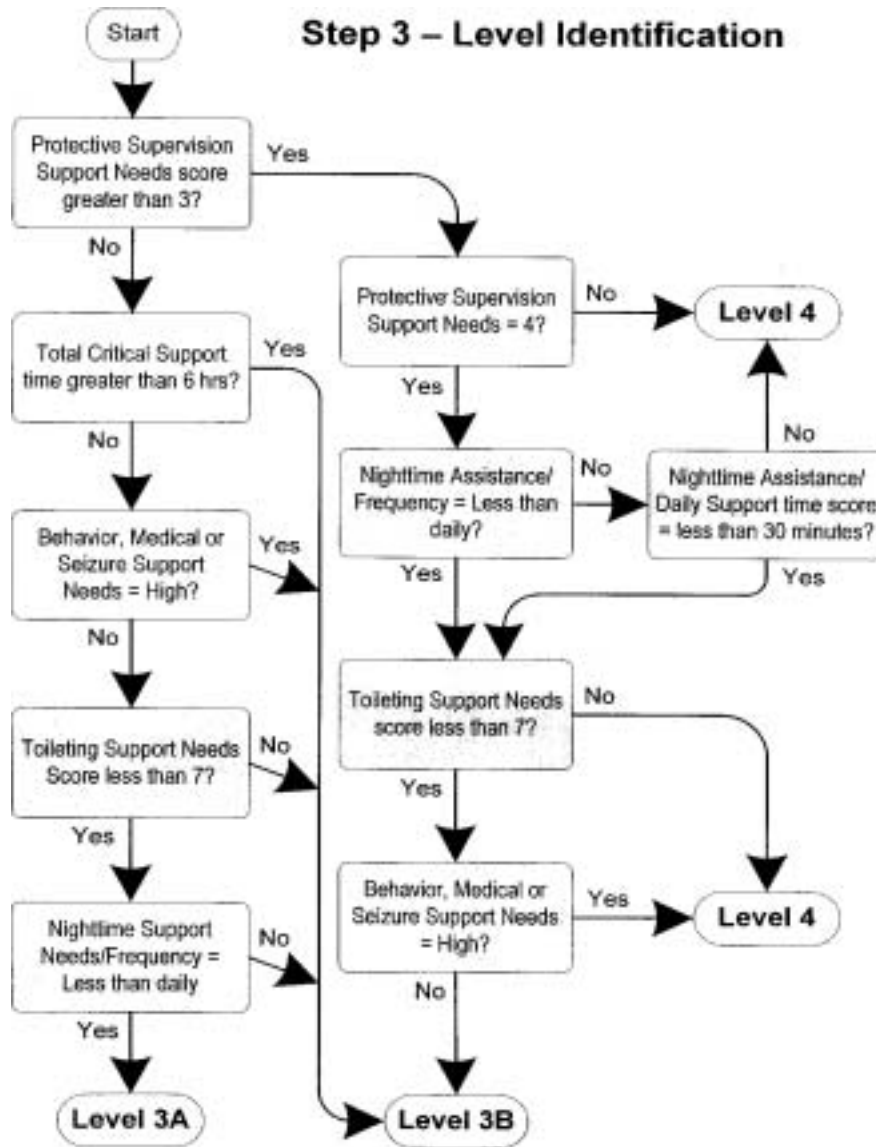
(a) Step 1 determines whether your residential support needs scores meet the criteria for less than daily support or the criteria for community protection.



(b) Step 2 determines whether your residential support needs scores meet the criteria for continuous day and night support.



(c) Step 3 determines whether your residential support needs scores meet the criteria for intermittent support.



Reviser's note: The bracketed material preceding the section above was supplied by the code reviser's office.

WSR 09-06-048
PERMANENT RULES
DEPARTMENT OF
SOCIAL AND HEALTH SERVICES
 (Aging and Disability Services Administration)
 [Filed February 25, 2009, 2:54 p.m., effective April 1, 2009]

Effective Date of Rule: April 1, 2009.

Purpose: The department is amending WAC 388-561-0200 Annuities established prior to April 1, 2009, and 388-561-0201 Annuities established on or after April 1, 2009.

Amendments are necessary to meet the requirements of section 6012 of the Deficit Reduction Act (DRA) of 2005. Section 6012 added new requirements to Title XIX of the Social Security Act pertaining to the treatment of annuities.

Rules are amended to include the new requirements of the DRA and clarify language.

Citation of Existing Rules Affected by this Order:
 Amending WAC 388-561-0200 and 388-561-0201.

Statutory Authority for Adoption: RCW 74.04.050, 74.04.057, 74.08.090, 74.09.500, 74.09.530.

Adopted under notice filed as WSR 09-01-151 on December 22, 2008.

Changes Other than Editing from Proposed to Adopted Version: Changes were made to WAC 388-561-0201 (3) and (4) based on comments received.

(3) The following annuities are not considered an available resource or (~~available resources~~) a transfer of a resource as described in WAC 388-513-1363, if the annuity

meets the requirements described in (4)(d), (e) and (f) of this subsection:

(4) The purchase of an annuity not described in subsection (3) established on or after ~~((November))~~ April 1, ~~((2008))~~ 2009, will be considered as an available resource unless it...

Number of Sections Adopted in Order to Comply with Federal Statute: New 0, Amended 2, Repealed 0; Federal Rules or Standards: New 0, Amended 0, Repealed 0; or Recently Enacted State Statutes: New 0, Amended 0, Repealed 0.

Number of Sections Adopted at Request of a Nongovernmental Entity: New 0, Amended 0, Repealed 0.

Number of Sections Adopted on the Agency's Own Initiative: New 0, Amended 0, Repealed 0.

Number of Sections Adopted in Order to Clarify, Streamline, or Reform Agency Procedures: New 0, Amended 0, Repealed 0.

Number of Sections Adopted Using Negotiated Rule Making: New 0, Amended 0, Repealed 0; Pilot Rule Making: New 0, Amended 0, Repealed 0; or Other Alternative Rule Making: New 0, Amended 2, Repealed 0.

Date Adopted: February 23, 2009.

Stephanie E. Schiller
Rules Coordinator

AMENDATORY SECTION (Amending WSR 08-20-117 and 08-21-083, filed 9/30/08 and 10/14/08, effective 4/1/09)

WAC 388-561-0200 Annuities established prior to ~~((November))~~ April 1, ~~((2008.))~~ 2009 (1) The department determines how annuities affect eligibility for medical programs.

(2) A revocable annuity is considered an available resource.

(3) An irrevocable annuity established prior to May 1, 2001 is not an available resource when issued by an individual, insurer, or other body licensed and approved to do business in the jurisdiction in which the annuity is established.

(4) The income from an irrevocable annuity, meeting the requirements of this section, is considered in determining eligibility and the amount of participation in the total cost of care. The annuity itself is not considered a resource or income.

(5) An annuity established on or after May 1, 2001 and before ~~((November))~~ April 1, ~~((2008))~~ 2009 will be considered an available resource unless it:

(a) Is irrevocable;

(b) Is paid out in equal monthly amounts within the actuarial life expectancy of the annuitant;

(c) Is issued by an individual, insurer or other body licensed and approved to do business in the jurisdiction in which the annuity is established; and

(d) Names the department as the beneficiary of the remaining funds up to the total of medicaid funds spent on the client during the client's lifetime. This subsection only applies if the annuity is in the client's name.

(6) An irrevocable annuity established on or after May 1, 2001 and before ~~((November))~~ April 1, ~~((2008))~~ 2009 that is

not scheduled to be paid out in equal monthly amounts, can still be considered an unavailable resource if:

(a) The full pay out is within the actuarial life expectancy of the client; and

(b) The client:

(i) Changes the scheduled pay out into equal monthly payments within the actuarial life expectancy of the annuitant; or

(ii) Requests that the department calculate and budget the payments as equal monthly payments within the actuarial life expectancy of the annuitant. The income from the annuity remains unearned income to the annuitant.

(7) An irrevocable annuity, established prior to May 1, 2001 that is scheduled to pay out beyond the actuarial life expectancy of the annuitant, will be considered a resource transferred without adequate consideration at the time it was purchased. A penalty period of ineligibility, determined according to WAC 388-513-1365, may be imposed equal to the amount of the annuity to be paid out in excess of the annuitant's actuarial life expectancy.

(8) An irrevocable annuity, established on or after May 1, 2001 and before ~~((November))~~ April 1, ~~((2008))~~ 2009 that is scheduled to pay out beyond the actuarial life expectancy of the annuitant, will be considered a resource transferred without adequate consideration at the time it was purchased. A penalty may be imposed equal to the amount of the annuity to be paid out in excess of the annuitant's actuarial life expectancy. The penalty for a client receiving:

(a) Long-term care benefits will be a period of ineligibility (see WAC 388-513-1365).

(b) Other medical benefits will be ~~((ineligibility [ineligible]))~~ ineligible in the month of application.

(9) An irrevocable annuity is considered unearned income when the annuitant is:

(a) The client;

(b) The spouse of the client;

(c) The blind or disabled child, as defined in WAC 388-475-0050 (b) and (c), of the client;

(d) A person designated to use the annuity for the sole benefit of the client, client's spouse, or a blind or disabled child, as defined in WAC 388-475-0050 (b) and (c), of the client.

(10) An annuity is not considered an available resource when there is a joint owner, co-annuitant or an irrevocable beneficiary who will not agree to allow the annuity to be cashed, UNLESS the joint owner or irrevocable beneficiary is the community spouse. In the case of a community spouse, the cash surrender value of the annuity is considered an available resource and counts toward the maximum community spouse resource allowance.

AMENDATORY SECTION (Amending WSR 08-20-117 and 08-21-083, filed 9/30/08 and 10/14/08, effective 4/1/09)

WAC 388-561-0201 Annuities established on or after ~~((November))~~ April 1, ~~((2008))~~ 2009. (1) The department determines how annuities affect eligibility for medical programs. Applicants and recipients of medicaid must disclose to the state any interest the applicant or spouse has in an annuity.

(2) A revocable annuity is considered an available resource.

(3) The following annuities are not considered ~~((available resources))~~ an available resource or a transfer of a resource as described in WAC 388-513-1363, if the annuity meets the requirements described in (4)(d), (e) and (f) of this subsection:

(a) An annuity described in subsection (b) or (q) of section 408 of the Internal Revenue Code of 1986;

(b) Purchased with proceeds from an account or trust described in subsection (a), (c), or (p) of section 408 of the Internal Revenue Code of 1986;

(c) Purchased with proceeds from a simplified employee pension (within the meaning of section 408 of the Internal Revenue Code of 1986); or

(d) Purchased with proceeds from a Roth IRA described in section 408A of the Internal Revenue Code of 1986.

(4) The purchase of an annuity not described in subsection (3) established on or after ~~((November))~~ April 1, ((2008)) 2009, will be considered as an available resource unless it:

(a) Is immediate, irrevocable, nonassignable; and

(b) Is paid out in equal monthly amounts with no deferral and no balloon payments;

(i) Over a term equal to the actuarial life expectancy of the annuitant; or

(ii) Over a term that is not less than five years if the actuarial life expectancy of the annuitant is at least five years; or

(iii) Over a term not less than the actuarial life expectancy of the annuitant, if the actuarial life expectancy of the annuitant is less than five years.

(iv) Actuarial life expectancy shall be determined by tables that are published by the office of the chief actuary of the social security administration (<http://www.ssa.gov/OACT/STATS/table4c6.html>).

(c) Is issued by an individual, insurer or other body licensed and approved to do business in the jurisdiction in which the annuity is established;

(d) Names the state as the remainder beneficiary when the ~~((applicant))~~ purchaser of the annuity is the annuitant and is an applicant for or recipient of medicaid, or a community spouse of an applicant for or recipient of long-term care or waiver services:

(i) In the first position for the total amount of medical assistance paid for the individual, including both long-term care services and waiver services; or

(ii) In the second position for the total amount of medical assistance paid for the individual, including both long-term care services and waiver services, if there is a community spouse, or a minor or disabled child as defined in WAC 388-475-0050 (b) and (c) who is named as the beneficiary in the first position.

(e) Names the state as the beneficiary upon the death of the community spouse for the total amount of medical assistance paid on behalf of the individual at any time of any payment from the annuity if a community spouse is the annuitant;

(f) Names the state as the beneficiary in the first position for the total amount of medical assistance paid on behalf of the individual at the time of any payment from the annuity,

including both long-term care services and waiver services, unless the annuitant has a community spouse or minor or disabled child, as defined in WAC 388-475-0050 (b) and (c). If the annuitant has a community spouse or minor or disabled child, such spouse or child may be named as beneficiary in the first position, and the state shall be named as beneficiary in the second position:

(i) If the community spouse, minor or disabled child, or representative for a child named as beneficiary is in the first position as described in (f) and transfers his or her right to receive payments from the annuity for less than fair market value, then the state shall become the beneficiary in the first position.

(5) If the annuity is not considered a resource, the stream of income produced by the annuity is considered available income.

(6) An irrevocable annuity established on or after ~~((November))~~ April 1, ((2008)) 2009 that meets all of the requirements of subsection (4) except that it is not immediate or scheduled to be paid out in equal monthly amounts will not be treated as a resource if:

(a) The full pay out is within the actuarial life expectancy of the annuitant; and

(b) The annuitant:

(i) Changes the scheduled pay out into equal monthly payments within the actuarial life expectancy of the annuitant; or

(ii) Requests that the department calculate and budget the payments as equal monthly payments within the actuarial life expectancy of the annuitant beginning with the month of eligibility. The income from the annuity remains unearned income to the annuitant.

(7) An irrevocable annuity, established on or after ~~((November))~~ April 1, ((2008)) 2009 that is scheduled to pay out beyond the actuarial life expectancy of the annuitant, will be considered a resource.

(8) An irrevocable annuity established on or after ~~((November))~~ April 1, ((2008)) 2009 that meets all of the requirements of subsection (4) or (5) is considered unearned income when the annuitant is:

(a) The client;

(b) The spouse of the client;

(c) The blind or disabled child, as defined in WAC 388-475-0050 (b) and (c), of the client; or

(d) A person designated to use the annuity for the sole benefit of the client, client's spouse, or a blind or disabled child of the client.

(9) An annuity is not considered an available resource when there is a joint owner, co-annuitant or an irrevocable beneficiary who will not agree to allow the annuity to be cashed, unless the joint owner or irrevocable beneficiary is the community spouse. In the case of a community spouse, the cash surrender value of the annuity is considered an available resource and counts toward the maximum community spouse resource allowance.

(10) Nothing in this section shall be construed as preventing the department from denying eligibility for medical assistance for an individual based on the income or resources derived from an annuity other than an annuity described in subsections (3), (4), and (5).

WSR 09-06-053
PERMANENT RULES
DEPARTMENT OF
SOCIAL AND HEALTH SERVICES
(Economic Services Administration)

[Filed February 26, 2009, 8:26 a.m., effective April 1, 2009]

Effective Date of Rule: April 1, 2009.

Purpose: This rule change is needed to remove support services for recipients of diversion cash assistance who are receiving career services through the employment security department.

Citation of Existing Rules Affected by this Order: Amending WAC 388-310-0800.

Statutory Authority for Adoption: RCW 74.04.050, 74.04.055, 74.04.057, and 74.08.090.

Adopted under notice filed as WSR 09-03-101 on January 21, 2009.

Number of Sections Adopted in Order to Comply with Federal Statute: New 0, Amended 0, Repealed 0; Federal Rules or Standards: New 0, Amended 0, Repealed 0; or Recently Enacted State Statutes: New 0, Amended 0, Repealed 0.

Number of Sections Adopted at Request of a Nongovernmental Entity: New 0, Amended 0, Repealed 0.

Number of Sections Adopted on the Agency's Own Initiative: New 0, Amended 0, Repealed 0.

Number of Sections Adopted in Order to Clarify, Streamline, or Reform Agency Procedures: New 0, Amended 1, Repealed 0.

Number of Sections Adopted Using Negotiated Rule Making: New 0, Amended 0, Repealed 0; Pilot Rule Making: New 0, Amended 0, Repealed 0; or Other Alternative Rule Making: New 0, Amended 1, Repealed 0.

Date Adopted: February 25, 2009.

Stephanie E. Schiller
Rules Coordinator

AMENDATORY SECTION (Amending WSR 08-18-045, filed 8/29/08, effective 10/1/08)

WAC 388-310-0800 WorkFirst—Support services.

(1) Who can get support services?

People who can get support services include:

(a) WorkFirst participants who receive a TANF cash grant;

(b) Sanctioned WorkFirst participants during the required participation before the sanction is lifted or applicants who were terminated by a sanction review panel who are doing activities required to reopen cash assistance (WAC 388-310-1600);

(c) Unmarried or pregnant minors who are income eligible to receive TANF and are:

(i) Living in a department approved living arrangement (WAC 388-486-0005) and are meeting the school requirements (WAC 388-486-0010); or

(ii) Are actively working with a social worker and need support services to remove the barriers that are preventing them from living in a department approved living arrangement and/or meeting the school requirements.

(d) Former WorkFirst recipients who are working at least twenty hours or more per week for up to six months after leaving TANF if they need support services to meet a temporary emergency. This can include up to four weeks of support services if they lose a job and are looking for another one (see also WAC 388-310-1800);

~~(e) ((Diversion cash assistance (DCA) recipients who are working at least thirty hours or more per week and enrolled in WorkFirst career services if they need support services to meet a temporary emergency;~~

~~(f))~~ American Indians who receive a TANF cash grant and have identified specific needs due to location or employment.

(2) Why do I receive support services?

Although not an entitlement, you may receive support services for the following reasons:

(a) To help you participate in work and WorkFirst activities that lead to independence.

(b) To help you to participate in job search, accept a job, keep working, advance in your job, and/or increase your wages.

(c) You can also get help in paying your child care expenses through the working connections child care assistance program. (Chapter 170-290 WAC describes the rules for this child care assistance program.)

(3) What type of support services may I receive and what limits apply?

There is a limit of three thousand dollars per person per program year (July 1st to June 30th) for WorkFirst support services you may receive. Most types of support services have dollar limits.

The chart below shows the types of support services that are available for the different activities (as indicated by an "x") and the limits that apply.

Definitions:

• Work-related activities include looking for work or participating in workplace activities, such as community jobs or a work experience position.

•• Safety-related activities include meeting significant or emergency family safety needs, such as dealing with family violence. When approved, safety-related support services can exceed the dollar or category limits listed below.

••• Some support services are available if you need them for other required activities in your IRP.

Type of support service	Limit	• Work	•• Safety	••• Other
Reasonable accommodation for employment	\$1,000 for each request	x		
Clothing/uniforms	\$75 per adult per program year	x		
Diapers	\$50 per child per month	x		
Haircut	\$40 per each request	x		

Type of support service	Limit	• Work	•• Safety	••• Other
Lunch	Same rate as established by OFM for state employees	x		
Personal hygiene	\$50 per adult per program year	x		
Professional, trade, association, union and bonds	\$300 for each fee	x		
Relocation related to employment (can include rent, housing, and deposits)	\$1,000 per program year	x		
Short-term lodging and meals in connection with job interviews/tests	Same rate as established by OFM for state employees	x		
Tools/equipment	\$500 per program year	x		
Car repair needed to restore car to operable condition	\$250 per program year	x	x	
License/fees	\$130 per program year	x	x	
Mileage, transportation, and/or public transportation	Same rate as established by OFM for state employees	x	x	
Transportation allotment	Up to: \$25 for immediate need, or \$40 twice a month if you live within 40 miles of your local WorkFirst office, or \$60 twice a month if you live more than 40 miles from your local WorkFirst office.	x	x	
Counseling	No limit	x	x	x
Educational expenses	\$300 for each request if it is an approved activity in your IRP and you do not qualify for sufficient student financial aid to meet the cost	x		x
Medical exams (not covered by Medicaid)	\$150 per exam	x	x	x
Public transportation	\$150 per month	x	x	x
Testing-diagnostic	\$200 each	x	x	x

(4) What are the other requirements to receive support services?

Other restrictions on receiving support services are determined by the department or its agents. They will decide what support services you receive, as follows:

- (a) It is within available funds; and
- (b) It does not assist, promote, or deter religious activity; and
- (c) There is no other way to meet the cost.

(5) What happens to my support services if I do not participate as required?

The department will give you ten days notice, following the rules in WAC 388-310-1600, then discontinue your support services until you participate as required.

WSR 09-06-060

PERMANENT RULES

**BOARD FOR VOLUNTEER
FIREFIGHTERS AND RESERVE OFFICERS**

[Filed February 27, 2009, 4:24 p.m., effective July 1, 2009]

Effective Date of Rule: July 1, 2009.

Purpose: This chapter sets forth the qualifications necessary to be a participant/member in the volunteer fire fighters' and reserve officers' relief and pension principal fund.

Statutory Authority for Adoption: RCW 41.24.290.

Adopted under notice filed as WSR 09-01-120 on December 19, 2008.

Number of Sections Adopted in Order to Comply with Federal Statute: New 0, Amended 0, Repealed 0; Federal Rules or Standards: New 0, Amended 0, Repealed 0; or Recently Enacted State Statutes: New 0, Amended 0, Repealed 0.

Number of Sections Adopted at Request of a Nongovernmental Entity: New 0, Amended 0, Repealed 0.

Number of Sections Adopted on the Agency's Own Initiative: New 0, Amended 0, Repealed 0.

Number of Sections Adopted in Order to Clarify, Streamline, or Reform Agency Procedures: New 3, Amended 0, Repealed 0.

Number of Sections Adopted Using Negotiated Rule Making: New 0, Amended 0, Repealed 0; Pilot Rule Making: New 0, Amended 0, Repealed 0; or Other Alternative Rule Making: New 3, Amended 0, Repealed 0.

Date Adopted: February 20, 2009.

Brigitte K. Smith
Executive Secretary

Chapter 491-03 WAC

MEMBERSHIP AND PARTICIPATION REQUIREMENTS

NEW SECTION

WAC 491-03-010 Purpose. This chapter sets forth the qualifications necessary to be a participant/member in the volunteer firefighters' and reserve officers' relief and pension principal fund.

NEW SECTION

WAC 491-03-020 What duties within a municipality qualify me for participation/membership in the board for volunteer firefighters' and reserve officers' relief and pension principal fund? If you are a member of a municipality as a volunteer firefighter or reserve officer who does not qualify for PERS or LEOFF (for their volunteer duties only), and if:

(1) **Reserve officers:**

(a) You are a reserve officer only if you are certified by the Washington state criminal justice training commission under chapter 43.101 RCW, and a commissioned member of a municipality as a:

- (i) Reserve city police officer;
- (ii) Reserve town or deputy marshal;
- (iii) Reserve deputy sheriff.

(b) You are not a reserve officer if you volunteer in either:

- (i) A position that is clerical or secretarial in nature;
- (ii) You are not commissioned;
- (iii) A corrections officer position.

(2) **Firefighter:**

(a) You are a firefighter only if you have the legal authority and responsibility to direct or perform fire protection activities that are required for and directly concerned with preventing, controlling, and extinguishing fires, or your primary duty is to serve as an emergency worker (see subsection (3) of this section).

"Fire protection activities" may include incidental functions such as housekeeping, equipment maintenance, grounds maintenance, fire safety inspections, lecturing, performing community fire drills and inspecting homes, businesses, and schools for fire hazards. These activities qualify as fire protection activities only if the primary duty of your position is preventing, controlling, and extinguishing fires.

(b) You are not a firefighter if you volunteer in:

- (i) A position that is clerical or secretarial in nature;
- (ii) A position where your primary duty is not preventing, controlling, and extinguishing fires;
- (iii) A position that pays a wage which qualifies you for participation in either PERS or LEOFF;
- (iv) A position that is only supervisory in nature and the primary duty is not preventing, controlling, and extinguishing fires.

(3) **Emergency worker:**

(a) You are an emergency worker only if you have the legal authority and responsibility to perform all aspects of medical assessment, treatment, and care for patients as outlined in state and county protocols for paramedics, emergency medical technicians, and first responders.

"Emergency activities" may include incidental functions such as housekeeping, equipment maintenance, grounds maintenance, home safety inspections, lecturing, and driving emergency vehicles. These activities qualify as emergency activities only if the primary duty of your position is to perform all aspects of medical assessment, treatment, and care for patients.

(b) You are not an emergency worker if you volunteer in:

- (i) A position that is clerical or secretarial in nature;
- (ii) A position where your primary duty is not to perform all aspects of medical assessment, treatment, and care for patients;

(iii) A position that pays a wage that qualifies you for participation in either PERS or LEOFF;

(iv) A position that is only supervisory in nature and the primary duty is not to perform all aspects of medical assessment, treatment, and care for patients.

NEW SECTION

WAC 491-03-030 What level of activities do I have to participate in to be eligible for participation/membership in the volunteer firefighters' and reserve officers' pension? All departments are required to develop volunteer participation requirements that meet or exceed the participation requirements as set by the state board. If a department does not develop their own requirements, the board requirements will be in effect.

(1) The board requires that all volunteers:

(a) Attend a minimum of ten percent, or twenty hours, of all drills and/or training annually, whichever is less.

(b) Respond to a minimum of ten percent of all calls at the member's assigned station or twenty-four calls annually, whichever is less; or ninety-six hours of standby time annually.

For the purposes of this section, standby time means time that the volunteer is assigned to be near at hand and ready to respond to emergency calls immediately. A volunteer who merely carries a cellular telephone, pager, or similar device is not considered to be in standby status.

(c) Meet the requirements to be a qualified member under WAC 491-03-020.

(d) Be certified as having met the standards by the local board chair and by the fire chief, police chief, or sheriff annually on the board for volunteer firefighters and reserve officers provided forms.

(2) An exemption of up to twelve weeks in a twelve-month period may be granted for:

- (a) A participant's serious health condition;
- (b) A participant to care for a parent, spouse, or minor/dependent child who has a serious health condition;
- (c) The birth of and to provide care to a participant's newborn, adopted, or foster child as provided in WAC 357-31-460.

For the purposes of this section, "serious health condition" means an illness, injury, impairment, or physical or mental condition that involves any period of incapacity or treatment connected with inpatient care (i.e., an overnight stay) in a hospital, hospice, or residential medical care facility, and any period of incapacity or subsequent treatment or recovery in connection with such inpatient care; or that involves continuing treatment by or under the supervision of a health care provider or a provider of health care services and which includes any period of incapacity (i.e., inability to work, attend school, or perform other regular daily activities).

(3) An exemption of up to twenty-six weeks in a twelve-month period may be granted for: A participant who is the spouse, son, daughter, parent, or next of kin of a covered service member who is suffering from a serious health condition incurred in the line of duty. The leave described in this subsection shall only be available during a single twelve-month period.

For the purposes of this section, "covered service member" is a member of the armed forces, including the National Guard or reserves, who is undergoing medical treatment, recuperation, or therapy, is otherwise in outpatient status, or is otherwise on a temporary disability retired list for a serious health condition.

(4) An exemption of up to one year may be granted for injuries covered under chapter 41.24 RCW; or up to one year for reserve officers injured in the line of duty and covered under Title 51 RCW.

(5) Departments granting exemptions shall submit written documentation on the board for volunteer firefighters and reserve officers provided forms for state board review.

(6) Members joining service after January 1st, or separating from service before December 31st, will have their requirements prorated for the calendar year.

WSR 09-06-062

PERMANENT RULES

EASTERN WASHINGTON UNIVERSITY

[Filed March 2, 2009, 7:22 a.m., effective April 2, 2009]

Effective Date of Rule: Thirty-one days after filing.

Purpose: As required by RCW 28B.10.590, Eastern Washington University proposes these new rules to give students more choices for purchasing educational materials and to encourage faculty and staff to work closely with bookstores and publishers to implement the least costly option without sacrificing educational content and to provide maximum cost savings to students.

Statutory Authority for Adoption: RCW 28B.10.590 and 28B.35.120(12).

Adopted under notice filed as WSR 08-21-141 on October 21, 2008.

Number of Sections Adopted in Order to Comply with Federal Statute: New 0, Amended 0, Repealed 0; Federal Rules or Standards: New 0, Amended 0, Repealed 0; or Recently Enacted State Statutes: New 3, Amended 0, Repealed 0.

Number of Sections Adopted at Request of a Nongovernmental Entity: New 0, Amended 0, Repealed 0.

Number of Sections Adopted on the Agency's Own Initiative: New 3, Amended 0, Repealed 0.

Number of Sections Adopted in Order to Clarify, Streamline, or Reform Agency Procedures: New 3, Amended 0, Repealed 0.

Number of Sections Adopted Using Negotiated Rule Making: New 3, Amended 0, Repealed 0; Pilot Rule Making: New 0, Amended 0, Repealed 0; or Other Alternative Rule Making: New 0, Amended 0, Repealed 0.

Date Adopted: February 27, 2009.

Trent Lutey
University Policy Administrator

Chapter 172-132 WAC

COURSE MATERIALS

NEW SECTION

WAC 172-132-010 Purpose. The purpose of this chapter is to reduce overall costs of course materials for students by implementing measures designed to encourage use of less costly materials without sacrificing educational content.

NEW SECTION

WAC 172-132-020 Definitions. Throughout this chapter, the following definitions apply.

(1) "Materials" means any supplies or texts required or recommended by faculty or staff for a given course.

(2) "Bundled" means a group of objects joined together by packaging or required to be purchased as an indivisible unit.

NEW SECTION

WAC 172-132-030 Cost savings for course materials. The Eastern Washington University Bookstore will:

(1) provide students the option of purchasing materials that are unbundled whenever possible;

(2) disclose to faculty and staff the costs to students of purchasing materials and disclose retail costs for course materials on a per course basis to faculty and staff and make this information publicly available;

(3) disclose publicly how new editions vary from previous editions by providing the contact information for the publisher;

(a) When a new edition of a textbook is ordered by faculty, the bookstore will notify them of the retail cost change to the students if this information is available. The bookstore will also inquire if students may use the old edition if it is available.

(b) The bookstore will provide notice that this is a new edition, and whether or not the student may use the old edition.

(4) promote and publicize book buy-back programs;

(5) encourage faculty and staff to consider the least costly practices in assigning course materials, such as adopting the least expensive edition available when educational content is comparable as determined by the faculty and working closely with publishers and local bookstores to create bundles and packages if they deliver cost savings to students.

WSR 09-06-063

PERMANENT RULES

DEPARTMENT OF

SOCIAL AND HEALTH SERVICES

(Aging and Disability Services Administration)

[Filed March 2, 2009, 7:27 a.m., effective April 2, 2009]

Effective Date of Rule: Thirty-one days after filing.

Purpose: The department is adopting amendments to WAC 388-78A-2770 Change in licensee and 388-78A-2780 Requirements to change boarding home license; and new sections regarding change of licensee/ownership, WAC 388-78A-2773 When change in licensee not required, 388-78A-2775 Application, 388-78A-2777 Revised application, 388-78A-2783 Relinquishment of license, 388-78A-2785 Ninety days notice, and 388-78A-2787 Sixty days notice.

Citation of Existing Rules Affected by this Order: Amending 388-78A-2770 and 388-78A-2780.

Statutory Authority for Adoption: Chapter 18.20 RCW.

Adopted under notice filed as WSR 09-01-176 on December 23, 2008.

A final cost-benefit analysis is available by contacting Todd Henry, Department of Social and Health Services, P.O. Box 45600, Olympia, WA 98504-5600, phone (360) 725-2580, fax (360) 438-7903, e-mail henryte@dshs.wa.gov.

Number of Sections Adopted in Order to Comply with Federal Statute: New 0, Amended 0, Repealed 0; Federal Rules or Standards: New 0, Amended 0, Repealed 0; or Recently Enacted State Statutes: New 0, Amended 0, Repealed 0.

Number of Sections Adopted at Request of a Nongovernmental Entity: New 0, Amended 0, Repealed 0.

Number of Sections Adopted on the Agency's Own Initiative: New 0, Amended 0, Repealed 0.

Number of Sections Adopted in Order to Clarify, Streamline, or Reform Agency Procedures: New 2, Amended 6, Repealed 0.

Number of Sections Adopted Using Negotiated Rule Making: New 0, Amended 0, Repealed 0; Pilot Rule Making: New 0, Amended 0, Repealed 0; or Other Alternative Rule Making: New 2, Amended 6, Repealed 0.

Date Adopted: February 27, 2009.

Stan Marshburn
Interim Secretary

AMENDATORY SECTION (Amending WSR 04-16-065, filed 7/30/04, effective 9/1/04)

WAC 388-78A-2770 Change in licensee/~~change of ownership—When change in licensee is required.~~ ((+))

The licensee of a boarding home must change whenever the following events occur, including, but not limited to:

((+)) (1) The licensee's form of legal organization is changed (e.g., a sole proprietor forms a partnership or corporation);

((+)) (2) The licensee transfers ownership of the boarding home business enterprise to another party regardless of whether ownership of some or all of the real property and/or personal property assets of the boarding home is also transferred;

((+)) (3) The licensee dissolves, or consolidates or merges with another legal organization and the licensee's legal organization does not survive;

((+)) (4) If, during any continuous twenty-four-month period, fifty percent or more of the "**licensed entity**" is transferred, whether by a single transaction or multiple transactions, to:

((+)) (a) A different person (e.g., new or former shareholders or partners); or

((+)) (b) A person that had less than a five percent ownership interest in the boarding home at the time of the first transaction.

((+)) (5) Any other event or combination of events that results in a substitution, elimination, or withdrawal of the licensee's control of the boarding home. As used in this section, "control" means the possession, directly or indirectly, of the power to direct the management, operation and/or policies of the licensee or boarding home, whether through ownership, voting control, by agreement, by contract or otherwise.

~~((2) The licensee is not required to change when the following, without more, occur:~~

~~(a) The licensee contracts with a party to manage the boarding home enterprise for the licensee pursuant to an agreement as specified in WAC 388-78A-2590; or~~

~~(b) The real property or personal property assets of the boarding home are sold or leased, or a lease of the real property or personal property assets is terminated, as long as there is not a substitution or substitution of control of the licensee or boarding home.))~~

NEW SECTION

WAC 388-78A-2773 Change in licensee/~~change of ownership—When change in licensee not required.~~

The licensee is not required to change when only the following, without more, occur:

(1) The licensee contracts with a party to manage the boarding home enterprise for the licensee pursuant to an agreement as specified in WAC 388-78A-2590; or

(2) The real property or personal property assets of the boarding home are sold or leased, or a lease of the real property or personal property assets is terminated, as long as there is not a substitution or substitution of control of the licensee or boarding home.

NEW SECTION

WAC 388-78A-2775 Change in licensee/change of ownership—Application. (1) The prospective licensee must complete, sign and submit to the department a change of ownership application prior to the proposed date of change in licensee.

(2) The annual boarding home license fee, if a license fee is due, must accompany the change in ownership application.

(3) The prospective licensee must submit the following information that must be submitted along with the change of ownership application:

(a) Evidence of control of the real estate on which the boarding home is located, such as a purchase and sales agreement, lease contract, or other appropriate document; and

(b) Any other information requested by the department.

(4) The prospective licensee must submit the completed application to the department within the applicable timeframes of WAC 388-78A-2785 or 388-78A-2787.

NEW SECTION

WAC 388-78A-2777 Change in licensee/change of ownership—Revised application. The prospective licensee must submit a revised application to the department if:

(1) Any information included on the original application is no longer accurate; or

(2) Requested by the department.

AMENDATORY SECTION (Amending WSR 04-16-065, filed 7/30/04, effective 9/1/04)

WAC 388-78A-2780 ~~((Requirements to change boarding home licensee))~~ **Change in licensee/change of ownership—Notice to department and residents.** (1) In order to change the licensee of a boarding home, the current licensee must notify the ~~((department and all residents))~~ following in writing of the proposed change in licensee ~~((at least ninety days prior to the proposed date of change, including))~~;

(a) The department; and

(b) All residents, or resident representatives (if any).

(2) The licensee must include the following information in the written notice:

(a) Name of the present licensee and prospective licensee;

(b) Name and address of the boarding home for which the licensee is being changed;

(c) Date of proposed change; and

(d) If the boarding home contracts with the department or other public agencies that may make payments for residential care on behalf of residents, the anticipated effect, such as discharge from the boarding home, the change of licensee will have on residents whose care and services are supported through these contracts.

~~((2) The prospective licensee must, at least ninety days prior to the proposed date of change:~~

~~(a) Sign the application;~~

~~(b) Submit the annual license fee, if a license fee is due;~~

~~(c) Submit evidence of control of the real estate on which the boarding home is located, such as a purchase and sales agreement, lease contract, or other appropriate document;~~

~~(d) Submit a revised application if any information included on the original application is no longer accurate; and~~

~~(e) Complete and submit a revised application if requested by the department.))~~

~~((3) Send a letter to the department stating the licensee's intent to relinquish the boarding home license on the effective date of change in licensee.))~~

NEW SECTION

WAC 388-78A-2783 Change in licensee/change of ownership—Relinquishment of license. (1) On the effective date of the change in licensee, the current boarding home licensee is required to relinquish their boarding home license.

(2) To relinquish a license, the licensee must mail the department the boarding home license along with a letter, addressed to the department, stating licensee's intent to relinquish the boarding home license to the department.

NEW SECTION

WAC 388-78A-2785 Change in licensee/change of ownership—Ninety days notice. The current boarding home licensee must provide written notice to the department and residents, or resident representatives (if any), ninety calendar days prior to the date of the change of licensee, if the proposed change of boarding home licensee is anticipated to result in the discharge or transfer of any resident.

NEW SECTION

WAC 388-78A-2787 Change in licensee/change of ownership—Sixty days notice. The current boarding home licensee must provide written notice to the department and residents, or resident representatives (if any), at least sixty calendar days prior to the date of the change of licensee, if the proposed change of boarding home licensee is not anticipated to result in the discharge or transfer of any resident.