

WSR 08-09-021
PERMANENT RULES
OFFICE OF
INSURANCE COMMISSIONER

[Insurance Commissioner Matter No. R 2008-02—Filed April 7, 2008, 4:40 p.m., effective May 8, 2008]

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

Purpose: This rule making repeals WAC 284-43-810. WAC 284-43-810 sets forth obsolete mental health disclosure information for health care contracts. RCW 48.20.580, 48.21.240, 48.44.341 and 48.46.291, governing required mental health coverage, were enacted effective January 1, 2008, and make the disclosure required by WAC 284-43-810 obsolete.

Citation of Existing Rules Affected by this Order: Repealing WAC 284-43-810.

Statutory Authority for Adoption: RCW 48.02.060, 48.18.120(2), 48.20.450, 48.20.460, 48.44.050, 48.46.200.

Adopted under notice filed as WSR 08-03-124 on January 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Number of Sections Adopted in Order to Comply with Federal Statute: New 0, Amended 0, Repealed 0; Federal Rules or Standards: New 0, Amended 0, Repealed 0; or Recently Enacted State Statutes: New 0, Amended 0, Repealed 0.

Number of Sections Adopted at Request of a Nongovernmental Entity: New 0, Amended 0, Repealed 0.

Number of Sections Adopted on the Agency's Own Initiative: New 0, Amended 0, Repealed 1.

Number of Sections Adopted in Order to Clarify, Streamline, or Reform Agency Procedures: New 0, Amended 0, Repealed 0.

Number of Sections Adopted Using Negotiated Rule Making: New 0, Amended 0, Repealed 0; Pilot Rule Making: New 0, Amended 0, Repealed 0; or Other Alternative Rule Making: New 0, Amended 0, Repealed 1.

Date Adopted: April 7, 2008.

Mike Kreidler
Insurance Commissioner

REPEALER

The following section of the Washington Administrative Code is repealed:

WAC 284-43-810 Coverage for mental health services.

were adopted in 1998 to effectuate the 1993 Health Reform Act and to identify federal laws that intersect with state law pursuant to Health Insurance Portability and Accountability Act of 1996 (HIPAA). These rules are no longer needed and are confusing to carriers and consumers.

Citation of Existing Rules Affected by this Order: Repealing WAC 284-43-700, 284-43-710, 284-43-720, and 284-43-730.

Statutory Authority for Adoption: RCW 48.02.060, 48.20.450, 48.20.460, 48.44.050, 48.46.030, 48.46.200.

Adopted under notice filed as WSR 08-03-125 on January 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Number of Sections Adopted in Order to Comply with Federal Statute: New 0, Amended 0, Repealed 0; Federal Rules or Standards: New 0, Amended 0, Repealed 0; or Recently Enacted State Statutes: New 0, Amended 0, Repealed 0.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 0, Repealed 4.

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 4.

Date Adopted: April 7, 2008.

Mike Kreidler
Insurance Commissioner

REPEALER

The following sections of the Washington Administrative Code are repealed:

WAC 284-43-700	Purpose.
WAC 284-43-710	Portability of health insurance benefits.
WAC 284-43-720	Guaranteed issue and restrictions on the denial, exclusion, or limitation of health benefits for preexisting conditions.
WAC 284-43-730	Guaranteed renewability—Health insurance.

WSR 08-09-022
PERMANENT RULES
OFFICE OF
INSURANCE COMMISSIONER

[Insurance Commissioner Matter No. R 2008-01—Filed April 7, 2008, 4:44 p.m., effective May 8, 2008]

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

Purpose: To repeal chapter 284-43 WAC, Subchapter G. WAC 284-43-700, 284-43-710, 284-43-720, and 284-43-730

WSR 08-09-023
PERMANENT RULES
SUPERINTENDENT OF
PUBLIC INSTRUCTION

[Filed April 8, 2008, 11:35 a.m., effective May 9, 2008]

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

Purpose: WAC 392-343-080 Value engineering studies, constructability reviews, and building commissioning—

Requirements and definition, lowers the threshold for state match funding for building commissioning for common school construction; allows for state match funding for school construction starting at 5,000 SF.

Citation of Existing Rules Affected by this Order: Amending WAC 392-343-080.

Statutory Authority for Adoption: RCW 28A.525.020 Duties of superintendent of public instruction.

Adopted under notice filed as WSR 08-04-084 on February 5, 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 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 0, Repealed 0.

Date Adopted: April 8, 2008.

Dr. Terry Bergeson
Superintendent of
Public Instruction

AMENDATORY SECTION (Amending WSR 06-16-032, filed 7/25/06, effective 8/25/06)

WAC 392-343-080 Value engineering studies, constructability reviews, and building commissioning—Requirements and definition. At the appropriate time in the design process for a school facility approved by the superintendent of public instruction, the district shall prepare a value engineering study, complete a constructability review, and perform building commissioning for all projects greater than fifty thousand square feet. Value engineering studies(~~(s)~~) and constructability reviews(~~(, and building commissioning)~~) shall be optional for projects larger than fifteen thousand square feet but less than fifty thousand square feet. Any project which includes fifteen thousand square feet or less shall be exempt from this requirement. For projects subject to chapter 39.35D RCW, building commissioning must be performed for all projects over five thousand square feet. For the purpose of this section, a value engineering study is defined as a cost control technique which is based on the use of a systematic, creative analysis of the functions of the facility with the objective of identifying unnecessary high costs or functions and/or identifying cost savings that may result in high maintenance and operation costs. The study shall consist of a forty-hour workshop involving a minimum of a five-person team pursuant to WAC 392-344-065. A constructability review is defined as a cost control technique which is based on the review of project documents by mechanical, electrical, structural, construction, and design professionals prior to a

request for bids. The purpose of a constructability review is to identify potential claim or problem areas and deficiencies that may occur as a result of errors, ambiguities, omissions, discrepancies, and conflicts in design documents. The study shall consist of a forty-hour workshop involving a minimum of a five-person team pursuant to WAC 392-344-066. Building commissioning is defined as the process of verifying that the installation and performance of selected building systems meet or exceed the specified design criteria and therefore satisfy the design intent. Building commissioning shall include a physical inspection, functional performance testing, listing of noted deficiencies, and a final commissioning report. Building commissioning shall be performed by a professional agent or authority not contractually or otherwise financially associated with the project design team or contractor. A district shall be eligible for state assistance for a value engineering study, a constructability review, and building commissioning for each qualifying project. The maximum amount of assistance for ~~((each component))~~ value engineering studies and constructability reviews of the study package shall be the state matching percentage multiplied by the greater of the following:

(1) Two-fifths of one percent of the area cost allowance multiplied by the square foot area for the fiscal year funded; or

(2) Twenty thousand dollars.

The maximum amount of assistance for building commissioning shall be as follows:

(a) Seven thousand five hundred dollars for projects larger than five thousand square feet but less than ten thousand square feet;

(b) Ten thousand dollars for projects ten thousand square feet but less than fifteen thousand square feet;

(c) The larger of the following for projects fifteen thousand square feet and above:

(i) Two-fifths of one percent of the area cost allowance multiplied by the square foot area for the fiscal year funded; or

(ii) Twenty thousand dollars.

**WSR 08-09-024
PERMANENT RULES
SUPERINTENDENT OF
PUBLIC INSTRUCTION**

[Filed April 8, 2008, 11:39 a.m., effective May 9, 2008]

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

Purpose: Amend WAC 392-347-023 to delay the start of the required fifteen year demonstration period of 2% maintenance spending of all school districts seeking state funding for modernization of post 1992 buildings. The demonstration period would be delayed from January 2008 until January 2009.

Reasons Supporting Proposal: There are ongoing discussions regarding the overall procedures for funding school facilities. The groups looking at the issue are: Legislative task force on school financing, technical advisory panel (TAC) and the superintendent of public instruction nonem-

ployee related costs committee (NERC). The change is needed to allow the delay in the reporting period until final decisions regarding the subject can be made.

Citation of Existing Rules Affected by this Order: Amending WAC 392-347-023.

Statutory Authority for Adoption: RCW 28A.525.020 Duties of superintendent of public instruction.

Adopted under notice filed as WSR 08-04-085 on February 5, 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 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 0, Repealed 0.

Date Adopted: April 8, 2008.

Dr. Terry Bergeson
Superintendent of
Public Instruction

AMENDATORY SECTION (Amending WSR 06-16-031, filed 7/25/06, effective 8/25/06)

WAC 392-347-023 State assistance in post ((1992)) 1993 facilities. State assistance for modernization of school facilities accepted by the school district board of directors after January 1, ((1993)) 1994, shall be limited according to the following conditions:

(1) A school facility shall be ineligible for state assistance if the total expenditures for maintenance of plant and equipment for that facility during the fifteen-year period immediately preceding the project application was below one-half of one percent of the total of the annually determined building replacement values during the same period;

(2) The allowable cost per square foot used to determine the amount of state assistance in any modernization project where the total expenditures for maintenance of plant and equipment for that facility during the fifteen-year period immediately preceding the project application was at least one-half but less than two percent of the total of the annually determined building replacement values during the same period shall be reduced as follows:

(a) The allowable cost per square foot shall be reduced by twenty-two and one-half percent where the above expenditure is at least one-half but less than one percent;

(b) The allowable cost per square foot shall be reduced by fifteen percent where the above expenditure is at least one but less than one and one-half percent;

(c) The allowable cost per square foot shall be reduced by seven and one-half percent where the above expenditure is at least one and one-half but less than two percent;

(3) No reduction in the allowable cost per square foot shall be applied to any modernization project where the total expenditures for maintenance of plant and equipment for that facility during the fifteen-year period immediately preceding the project application was two percent, or greater, of the total of the annually determined building replacement values during the same period;

(4) A district shall not be allowed to replace a school facility through new construction in lieu of modernization under WAC 392-347-042 where the total expenditures for maintenance of plant and equipment for that facility during the fifteen-year period immediately preceding the project application was below two percent of the total of the annually determined building replacement values during the same period.

(5) For the purpose of this section "maintenance of plant and equipment" shall be general fund expenditures charged to maintenance and operations activities 61-supervision and 64-maintenance and capital projects fund expenditures charged to type code 22-remodeling and 42-capital improvements as defined in the *Accounting Manual for Public School Districts*.

WSR 08-09-027

PERMANENT RULES

HEALTH CARE AUTHORITY

(Public Employees Benefits Board)

[Order 08-01—Filed April 8, 2008, 1:51 p.m., effective April 9, 2008]

Effective Date of Rule: April 9, 2008.

Other Findings Required by Other Provisions of Law as Precondition to Adoption or Effectiveness of Rule: Amendments to rule are required by provisions of HIPAA, IRS rules, COBRA and RCW 48.43.008.

Purpose: The purpose of this rule making is to amend PEBB rules that govern when eligible members may enroll, waive enrollment or change health plans in order to ensure PEBB rules align with federal and state law. These amendments were necessary in order to comply with provisions of federal and state law.

Citation of Existing Rules Affected by this Order: Amending chapters 182-08 and 182-12 WAC.

Statutory Authority for Adoption: RCW 41.05.160.

Adopted under notice filed as WSR 08-04-044 on January 31, 2008.

Number of Sections Adopted in Order to Comply with Federal Statute: New 1, Amended 2, Repealed 0; Federal Rules or Standards: New 1, Amended 2, Repealed 0; or Recently Enacted State Statutes: New 1, Amended 2, 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 3, 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: April 8, 2008.

Jason Siems
Rules Coordinator

AMENDATORY SECTION (Amending Order 07-01, filed 10/3/07, effective 11/3/07)

WAC 182-08-198 When may a subscriber change health plans? (1) Subscribers may change health plans during the annual open enrollment. The subscriber must ~~((request))~~ submit the appropriate enrollment form(s) to change health plan ((change)) no later than the end of the annual open enrollment ((period)). Enrollment in the new health plan will begin ~~((the first day of))~~ January ((after open enrollment)) of the following year.

(2) Subscribers may change health plans outside of the annual open enrollment ~~((period under the circumstances indicated below))~~ if a special open enrollment event occurs. The change in enrollment must be based on and related to the change in status that created the special enrollment opportunity for the subscriber and the subscriber's dependents. To make a health plan change, the subscriber must ~~((send a completed))~~ submit the appropriate enrollment form(s) (and a completed disenrollment form, if required) ((to the PEBB benefits services program)) no later than sixty days after the event occurs. Employees submit the enrollment form(s) to their employing agency. All other subscribers submit the enrollment form(s) to the PEBB benefits services program. Enrollment in the new health plan will begin the first day of the month ~~((after))~~ following the ((PEBB benefits services program receives the form(s). These are the circumstances)) event that created the special open enrollment; or in cases where the event occurs on the first day of the month, enrollment will begin on that date. If the special open enrollment is due to the birth or adoption of a child, enrollment will begin the month in which the event occurs. The following events create a special open enrollment:

(a) ~~((Enrollees move and their current health plan is not available in their new location.))~~ Subscriber acquires a new eligible dependent through marriage, domestic partnership, birth, adoption or placement for adoption, guardianship;

(b) Subscriber's dependent child becomes eligible by fulfilling PEBB dependent eligibility criteria;

(c) Subscriber loses an eligible dependent or a dependent no longer meets PEBB eligibility criteria;

(d) Subscriber has a change in marital status, including legal separation documented by a court order;

(e) Subscriber or a dependent loses comprehensive group insurance coverage;

(f) Subscriber or a dependent has a change in employment status that affects whether enrollment in PEBB insurance coverage will benefit the subscriber or the subscriber's dependent(s). This includes beginning or end of employ-

ment, beginning or returning from an unpaid leave of absence, strike or lockout, change in worksite, becoming eligible for benefits or eligibility ending.

~~((g))~~ Subscriber's or their dependent's residence changes affecting the health plan availability or the benefits or the cost of their insurance coverage. If the subscriber ~~((does))~~ moves and their current health plan is not available in their new location but they do not select a new health plan, the PEBB benefits services program may enroll them in the Uniform Medical Plan Preferred Provider Organization or Uniform Dental Plan.

~~((b))~~ Enrollees move and a health plan that was not available to them before is available to them in the new location. The subscriber may only choose a newly available health plan.

~~((e))~~ (h) Subscriber((s may change health plans if)) receives a court order ((requires)) or medical support order requiring the subscriber, their spouse, or qualified domestic partner to provide insurance coverage for an eligible ((spouse, qualified domestic partner, or child and the subscriber adds the)) dependent ((to their insurance coverage)).

~~((d))~~ (i) Subscriber receives formal notice that the department of social and health services has determined it is more cost-effective to enroll the eligible subscriber or eligible dependent in PEBB medical than a medical assistance program.

(j) Seasonal employees whose off-season ((is)) occurs during the annual open enrollment ((period)). They may select a new health plan upon their return to work.

~~((e))~~ (k) Subscriber((s may change health plans when they)) enrolls in PEBB retiree insurance coverage.

~~((f))~~ (l) Subscriber((s may change health plans when they)) or an eligible dependent becomes entitled to Medicare ((or)), enrolls in or disenrolls from a Medicare Part D plan.

~~((g))~~ (m) Subscriber((s)) experiences a disruption that could function as a reduction in benefits for the subscriber or the subscriber's dependent(s) due to a specific condition or ongoing course of treatment. A subscriber may not change their health plan if their or an enrolled dependent's physician stops participation with the subscriber's health plan unless the PEBB appeals manager determines that a continuity of care issue exists. ((However, if the employee is having premiums taken from payroll on a pretax basis a plan change will not be approved if it would conflict with provisions of the salary reduction plan authorized under RCW 41.05.300.)) The PEBB appeals manager will use criteria that include but are not limited to the following in determining if a continuity of care issue exists:

(i) Active cancer treatment; or

(ii) Recent transplant (within the last twelve months); or

(iii) Scheduled surgery within the next sixty days; or

(iv) Major surgery within the previous sixty days; or

(v) Third trimester of pregnancy; or

(vi) Language barrier.

If the employee is having premiums taken from payroll on a pretax basis, a plan change will not be approved if it would conflict with provisions of the salary reduction plan authorized under RCW 41.05.300.

AMENDATORY SECTION (Amending Order 07-01, filed 10/3/07, effective 11/3/07)

WAC 182-12-128 ~~((When))~~ **May an employee waive health plan enrollment** ~~((for their self or their eligible dependent))~~? (1) Employees must enroll in dental, life and long-term disability insurance (unless the employing agency does not participate in these PEBB insurance coverages). However, employees may waive PEBB medical if they have other comprehensive group medical coverage. ((To waive medical, the employee must complete an enrollment/change form. If an employee waives medical, then medical is automatically waived for all eligible dependents.)) Employees may waive enrollment in PEBB medical by submitting the appropriate enrollment form to their employing agency during the following times:

(a) Employees may waive medical when they become eligible for PEBB benefits. The employee must indicate they are waiving medical on the appropriate enrollment form they submit to their employing agency no later than thirty-one days after the date they become eligible (see WAC 182-08-197). Medical will be waived as of the date the employee becomes eligible for PEBB benefits.

(b) Employees may waive medical during the annual open enrollment if they submit the appropriate enrollment form to their employing agency before the end of the annual open enrollment. Medical will be waived beginning January of the following year.

(c) Employees may waive medical during a special open enrollment as described in subsection (4) of this section.

(2) If an employee ((may only)) waives medical, medical is automatically waived for all eligible dependents. ((The employee must remain enrolled in dental, life and long-term disability.))

(3) ((An employee may waive medical or dental, or both, for any or all eligible dependents.

(4)) Once ((health plan enrollment)) medical is waived, enrollment is only allowed during the following times:

(a) The ((next)) annual open enrollment period;

(b) ((After losing other health insurance.)) A special open enrollment created by an event that allows for enrollment outside of the annual open enrollment as described in subsection (4) of this section. In addition to the appropriate enrollment form(s), the PEBB benefits services program may require the employee ((must)) to provide evidence((-

(i) Other health insurance was comprehensive group coverage;

(ii) Enrollment was continuous from the most recent PEBB open enrollment period; and

(iii) The date when coverage was lost.

Application to enroll in a PEBB health plan must be made no later than sixty days after the date the other health insurance was lost;

(c) After acquiring a new dependent. Application for enrollment must be made no later than sixty days after acquiring the new dependent through marriage, establishment of a qualified domestic partnership, birth, adoption or placement for adoption)) of eligibility and evidence of the event that creates a special open enrollment.

(4) Employees may waive enrollment in medical or enroll in medical if one of these special open enrollment

events occur. The change in enrollment must be based on and related to the change in status that creates the special open enrollment. The following changes are events that create a special open enrollment:

(a) Employee acquires a new eligible dependent through marriage, domestic partnership, birth, adoption or placement for adoption, guardianship;

(b) Employee's dependent child becomes eligible by fulfilling PEBB dependent eligibility criteria;

(c) Employee loses an eligible dependent or a dependent no longer meets PEBB eligibility criteria;

(d) Employee has a change in marital status, including legal separation documented by a court order;

(e) Employee or a dependent loses comprehensive group insurance coverage;

(f) Employee or one of the employee's dependents has a change in employment status that affects whether enrollment in PEBB insurance coverage will benefit the subscriber or the subscriber's dependent. This includes beginning or end of employment, beginning or returning from an unpaid leave of absence, strike or lockout, change in worksite, becoming eligible or ceasing to be eligible for employer benefits;

(g) Employee or a dependent has a change in place of residence that affects the subscriber's or the dependent's health plan eligibility or the benefits or cost of the insurance coverage;

(h) Employee receives a court order or medical support enforcement order requiring the employee, their spouse, or qualified domestic partner to enroll an eligible dependent;

(i) Employee receives formal notice that the department of social and health services has determined it is more cost-effective to enroll the employee or an eligible dependent in PEBB medical than a medical assistance program.

To change enrollment during a special open enrollment, the employee must submit the appropriate enrollment form(s) to their employing agency no later than sixty days after the event that creates the special open enrollment.

Enrollment in insurance coverage will begin the first of the month following the event that created the special open enrollment; or in cases where the event occurs on the first day of a month, enrollment will begin on that date. If the special open enrollment is due to the birth or adoption of a child, insurance coverage will begin the month in which the event occurs.

AMENDATORY SECTION (Amending Order 07-01, filed 10/3/07, effective 11/3/07)

WAC 182-12-205 **May a retiree defer enrollment in a PEBB health plan at or after retirement?** Except as stated in subsection (1)(c) of this section, if a retiree defers enrollment in a PEBB health plan, they also defer enrollment for all eligible dependents. Retirees may not defer their retiree term life insurance, even if they have other life insurance.

(1) Retirees may defer enrollment in a PEBB health plan at or after retirement if continuously enrolled in other comprehensive medical as identified below:

(a) Beginning January 1, 2001, retirees may defer enrollment if they are enrolled in comprehensive employer-spon-

sored medical as an employee or the dependent of an employee.

(b) Beginning January 1, 2001, retirees may defer enrollment if they are enrolled in medical as a retiree or the dependent of a retiree enrolled in a federal retiree plan.

(c) Beginning January 1, 2006, retirees may defer enrollment if they are enrolled in Medicare Parts A and B and a Medicaid program that provides creditable coverage as defined in this chapter. The retiree's dependents may continue their PEBB health plan enrollment if they meet PEBB eligibility criteria and are not eligible for creditable coverage under a Medicaid program.

(2) To defer health plan enrollment, the retiree must send a completed election form to the PEBB benefits services program requesting to defer. The PEBB benefits services program must receive the form before health plan enrollment is deferred or no later than sixty days after the date the retiree becomes eligible to apply for PEBB retiree insurance coverage.

(3) Retirees who defer may enroll in a PEBB health plan as follows:

(a) Retirees who defer while enrolled in employer-sponsored medical may enroll in a PEBB health plan by sending a completed election form and evidence of continuous enrollment in comprehensive employer-sponsored medical to the PEBB benefits services program:

(i) During annual open enrollment. (Enrollment in the PEBB health plan will begin the first day of January after the open enrollment period.); or

(ii) No later than sixty days after their employer-sponsored medical ends. (Enrollment in the PEBB health plan will begin the first day of the month after the employer-sponsored medical ends.)

(b) Retirees who defer enrollment while enrolled as a retiree or dependent of a retiree in a federal retiree medical plan will have a one-time opportunity to enroll in a PEBB health plan by sending a completed election form and evidence of continuous enrollment in a federal retiree medical plan to the PEBB benefits services program:

(i) During annual open enrollment. (Enrollment in the PEBB health plan will begin the first day of January after the open enrollment period.); or

(ii) No later than sixty days after the federal retiree medical ends. (Enrollment in the PEBB health plan will begin the first day of the month after the federal retiree medical ends.)

(c) Retirees who defer enrollment while enrolled in Medicare Parts A and B and Medicaid may enroll in a PEBB health plan by sending a completed election form and evidence of continuous enrollment in creditable coverage to the PEBB benefits services program:

(i) During annual open enrollment. (Enrollment in the PEBB health plan will begin the first day of January after the open enrollment period.); or

(ii) No later than sixty days after their Medicaid coverage ends (Enrollment in the PEBB health plan will begin the first day of the month after the Medicaid coverage ends.); or

(iii) No later than the end of the calendar year when their Medicaid coverage ends if the retiree was also determined eligible under 42 USC § 1395w-114 and subsequently enrolled in a Medicare Part D plan. (Enrollment in the PEBB

health plan will begin the first day of January following the end of the calendar year when the Medicaid coverage ends.)

(d) Retirees who defer enrollment may enroll in a PEBB health plan if the retiree receives formal notice that the department of social and health services has determined it is more cost-effective to enroll the retiree or the retiree's eligible dependent(s) in PEBB medical than a medical assistance program.

NEW SECTION

WAC 182-12-262 When may subscribers enroll, waive or remove eligible dependents? (1) Subscribers may enroll or waive eligible dependents when the subscriber becomes eligible and enrolls in PEBB insurance coverage. If enrolled, the dependent's effective date will be the same as the subscriber's effective date. Unless a dependent is independently eligible for PEBB insurance coverage, the subscriber must be enrolled to enroll their dependent.

(2) Subscribers may enroll eligible dependents during the annual open enrollment with insurance coverage beginning January of the following year.

(3) Subscribers may enroll a newly acquired dependent or a dependent that becomes eligible.

(a) A spouse may be enrolled upon marriage. If the date of marriage is the first day of the month, insurance coverage will begin on that date; otherwise, it will begin the first of the following month.

(b) A qualified domestic partner may be enrolled upon declaration or registration of the domestic partnership (see WAC 182-12-260). If the date of declaration or registration is the first day of the month, insurance coverage will begin on that date; otherwise, it will begin the first of the following month.

(c) Newborn children may be enrolled upon birth and adopted children may be enrolled when the subscriber assumes legal responsibility for the child in anticipation of adoption. The child's insurance coverage will begin on the date of birth or the date the subscriber assumes legal responsibility for the child in anticipation of adoption. The subscriber must submit the appropriate enrollment form(s) as described in subsection (7) of this section no later than sixty days after birth or assuming legal responsibility for the child.

(d) Children acquired through marriage or a qualified domestic partnership may be enrolled upon marriage or declaration or registration of the domestic partnership as described in (a) or (b) of this subsection.

(e) Children acquired through legal guardianship or custody (see WAC 182-12-260 (4)(c)) may be enrolled upon issuance of a court order granting such responsibility to the subscriber, their spouse, or qualified domestic partner. If legal guardianship or custody begins on the first day of the month, insurance coverage will begin on that date; otherwise, it will begin the first of the following month.

(f) Children twenty years or older who become eligible as a student or as a child with disabilities may be enrolled after the child's eligibility is certified by the PEBB benefits services program. If enrolled, the child's insurance coverage will begin as follows:

(i) Insurance coverage for a student will begin on the first day of the month of the quarter or semester for which the student is registered.

(ii) Insurance coverage for a child with disabilities will begin on the first day of the month that eligibility is certified by the PEBB benefits services program.

(4) Subscribers may enroll, waive or remove their dependents outside of the annual open enrollment if a special open enrollment event occurs. The change in enrollment must be based on and related to the change in status that creates the special open enrollment for the subscriber and the subscriber's dependents. Enrollment in insurance coverage will begin the first of the month following the event that created the special open enrollment; or in cases where the event occurs on the first day of a month, enrollment will begin on that date. If the special open enrollment is due to the birth or adoption of a child, insurance coverage will begin the month in which the event occurs. The following changes are events that create a special open enrollment:

(a) Subscriber acquires a new eligible dependent through marriage, domestic partnership, birth, adoption or placement for adoption, guardianship;

(b) Subscriber loses an eligible dependent or a dependent no longer meets PEBB eligibility criteria;

(c) Subscriber has a change in marital status, including legal separation documented by a court order;

(d) Subscriber or a dependent loses comprehensive group insurance coverage;

(e) Subscriber or one of the subscriber's dependents has a change in employment status that affects whether enrollment in PEBB insurance coverage will benefit the subscriber or the subscriber's dependent: This includes beginning or end of employment, beginning or returning from an unpaid leave of absence, strike or lockout, change in worksite, becoming eligible for or ceasing to be eligible for employer benefits;

(f) Subscriber or a dependent has a change in place of residence that affects the subscriber's or the dependent's health plan eligibility or the benefits or cost of the insurance coverage;

(g) Subscriber receives a court order or medical support enforcement order requiring the subscriber, their spouse, or qualified domestic partner to provide insurance coverage for an eligible dependent. (A former spouse is not an eligible dependent.);

(h) Subscriber receives formal notice that the department of social and health services has determined it is more cost-effective to enroll an eligible dependent in PEBB medical than a medical assistance program.

(5) Subscribers may waive (interrupt or postpone) enrollment of an eligible dependent.

(a) Employees may only waive dependents if those dependents are enrolled in other comprehensive group insurance coverage. Employees may only waive an eligible dependent's enrollment at the following times:

(i) When the employee is first eligible and enrolls in PEBB benefits. (The dependent's enrollment will be waived beginning with the employee's effective date.);

(ii) During the annual open enrollment. (The dependent's enrollment will be waived beginning January of the following year.);

(iii) No later than sixty days after the dependent becomes eligible as described in subsection (3) of this section. (The dependent's enrollment will be waived beginning the date enrollment would have begun.); or

(iv) During a special open enrollment as described in subsection (4) of this section. (The dependent's enrollment will be waived as of the date corresponding to the change in status that created the special open enrollment.)

(b) Retirees, survivors or individuals continuing PEBB insurance coverage under WAC 182-12-133 or 182-12-270 may waive enrollment of an eligible dependent outside of the annual open enrollment or a special open enrollment. Unless otherwise approved by the PEBB benefits services program, enrollment will be waived prospectively.

(c) Subscribers may enroll eligible dependents that were waived as stated in subsections (2) and (4) of this section.

(6) Subscribers must remove dependents from the subscriber's insurance coverage within sixty days of the date the dependent no longer meets eligibility criteria in WAC 182-12-250 or 182-12-260. Insurance coverage enrollment ends the last day of the month in which the dependent is eligible.

Subscribers may remove a lawful spouse from PEBB insurance coverage in the event of legal separation documented by a court order, provided the court did not order the subscriber to maintain the spouse's health plan enrollment. Subscribers must remove former spouses and former qualified domestic partners upon finalization of a divorce, annulment, or termination of a partnership, even if a court order requires the subscriber to provide health insurance for the former spouse or partner.

Consequences for not submitting notice as described in subsection (7) of this section within sixty days of any dependent ceasing to be eligible may include:

(a) The dependent's loss of eligibility to continue health plan enrollment under one of the continuation options described in WAC 182-12-270;

(b) The subscriber being billed for claims paid by the health plan for services after the dependent lost eligibility; and

(c) The subscriber being responsible for premiums paid by the state for the dependent's health plan enrollment after the dependent lost eligibility.

(7) Subscribers must submit the appropriate enrollment form(s) within the time frames described in this subsection. Employees submit the enrollment form(s) to their employing agency. All other subscribers submit the enrollment form(s) to the PEBB benefits services program. In addition to the appropriate forms indicating dependent enrollment, the PEBB benefits services program may require the subscriber to provide evidence of eligibility or evidence of the event that created the special open enrollment.

(a) If a subscriber wants to enroll their eligible dependent(s) when the subscriber becomes eligible to enroll in PEBB benefits, the subscriber must include the dependent's enrollment information on the enrollment form(s) that the subscriber submits within the relevant time frame described in WAC 182-08-197, 182-12-171, or 182-12-250.

(b) If a subscriber wants to enroll eligible dependents during the annual open enrollment, the subscriber must sub-

mit the appropriate enrollment forms(s) no later than the end of the open enrollment.

(c) If a subscriber wants to enroll newly eligible dependents, the subscriber must submit the appropriate enrollment form(s) no later than sixty days after the dependent becomes eligible.

(d) If the subscriber wants to enroll a child age twenty or older as a registered student, the subscriber must submit the appropriate enrollment form(s) required to certify the child as a student no later than sixty days after the first day of the month of the quarter or semester that the subscriber wants to enroll the student in PEBB insurance coverage.

(e) If the subscriber wants to enroll a child age twenty or older as a child with disabilities, the subscriber must submit the appropriate enrollment form(s) required to certify the dependent's eligibility within the relevant time frame described in WAC 182-12-250(3) or 182-12-260(5).

(f) If the subscriber wants to change a dependent's enrollment status during a special open enrollment, the subscriber must submit the appropriate enrollment form(s) no later than sixty days after the event that creates the special open enrollment.

(g) If the subscriber wants to waive a dependent's enrollment, the subscriber must submit the appropriate enrollment form. Unless otherwise approved by the PEBB benefits services program, enrollment will be waived prospectively.

WSR 08-09-028

**PERMANENT RULES
DEPARTMENT OF**

SOCIAL AND HEALTH SERVICES

(Aging and Disability Services Administration)

[Filed April 8, 2008, 3:32 p.m., effective May 9, 2008]

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

Purpose: To correct a typographical error in the existing rule by eliminating a duplicated subsection number within a section.

Citation of Existing Rules Affected by this Order: Amending WAC 388-76-10810.

Statutory Authority for Adoption: RCW 70.128.040.

Adopted under notice filed as WSR 08-03-032 on January 8, 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 1, Repealed 0.

Number of Sections Adopted Using Negotiated Rule Making: New 0, Amended 0, Repealed 0; Pilot Rule Mak-

ing: New 0, Amended 0, Repealed 0; or Other Alternative Rule Making: New 0, Amended 1, Repealed 0.

Date Adopted: April 4, 2008.

Stephanie E. Schiller
Rules Coordinator

AMENDATORY SECTION (Amending WSR 07-21-080, filed 10/16/07, effective 1/1/08)

WAC 388-76-10810 Fire extinguishers. (1) The adult family home must have an approved five pound 2A:10B-C rated fire extinguisher on each floor of the home.

(2) The home must ensure the fire extinguishers are:

(a) Installed according to manufacturer recommendations;

(b) Inspected and serviced annually;

(c) In proper working order; and

(d) Readily available for use at all times.

~~((2))~~ (3) If required by the local fire authority, the home must provide different fire extinguishers in place of the fire extinguishers required in subsection (1) of this section.

WSR 08-09-038

PERMANENT RULES

OFFICE OF

FINANCIAL MANAGEMENT

[Filed April 9, 2008, 2:53 p.m., effective May 10, 2008]

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

Purpose: To establish official pay dates for state officers and employees for calendar year 2007 [2009].

Citation of Existing Rules Affected by this Order: Amending WAC 82-50-021.

Statutory Authority for Adoption: RCW 42.16.010(1) and 42.16.017.

Adopted under notice filed as WSR 08-04-099 on February 5, 2007.

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 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: April 9, 2008.

Roselyn Marcus
Director of Legal Affairs
Rules Coordinator

AMENDATORY SECTION (Amending WSR 07-11-015, filed 5/3/07, effective 6/3/07)

WAC 82-50-021 Official lagged, semimonthly pay dates established. Unless exempted otherwise under the provisions of WAC 82-50-031, the salaries of all state officers and employees are paid on a lagged, semimonthly basis for the official twice-a-month pay periods established in RCW 42.16.010(1). The following are the official lagged, semi-monthly pay dates for calendar years (~~(2007 and)~~) 2008 and 2009:

((CALENDAR YEAR 2007	CALENDAR YEAR 2008
Wednesday, January 10, 2007	Thursday, January 10, 2008
Thursday, January 25, 2007	Friday, January 25, 2008
Friday, February 9, 2007	Monday, February 11, 2008
Monday, February 26, 2007	Monday, February 25, 2008
Friday, March 9, 2007	Monday, March 10, 2008
Monday, March 26, 2007	Tuesday, March 25, 2008
Tuesday, April 10, 2007	Thursday, April 10, 2008
Wednesday, April 25, 2007	Friday, April 25, 2008
Thursday, May 10, 2007	Friday, May 9, 2008
Friday, May 25, 2007	Friday, May 23, 2008
Monday, June 11, 2007	Tuesday, June 10, 2008
Monday, June 25, 2007	Wednesday, June 25, 2008
Tuesday, July 10, 2007	Thursday, July 10, 2008
Wednesday, July 25, 2007	Friday, July 25, 2008
Friday, August 10, 2007	Monday, August 11, 2008
Friday, August 24, 2007	Monday, August 25, 2008
Monday, September 10, 2007	Wednesday, September 10, 2008
Tuesday, September 25, 2007	Thursday, September 25, 2008
Wednesday, October 10, 2007	Friday, October 10, 2008
Thursday, October 25, 2007	Friday, October 24, 2008
Friday, November 9, 2007	Monday, November 10, 2008
Monday, November 26, 2007	Tuesday, November 25, 2008
Monday, December 10, 2007	Wednesday, December 10, 2008
Monday, December 24, 2007	Wednesday, December 24, 2008))

CALENDAR YEAR 2008	CALENDAR YEAR 2009
<u>Thursday, January 10, 2008</u>	<u>Friday, January 9, 2009</u>
<u>Friday, January 25, 2008</u>	<u>Monday, January 26, 2009</u>
<u>Monday, February 11, 2008</u>	<u>Tuesday, February 10, 2009</u>
<u>Monday, February 25, 2008</u>	<u>Wednesday, February 25, 2009</u>
<u>Monday, March 10, 2008</u>	<u>Tuesday, March 10, 2009</u>
<u>Tuesday, March 25, 2008</u>	<u>Wednesday, March 25, 2009</u>
<u>Thursday, April 10, 2008</u>	<u>Friday, April 10, 2009</u>
<u>Friday, April 25, 2008</u>	<u>Friday, April 24, 2009</u>
<u>Friday, May 9, 2008</u>	<u>Monday, May 11, 2009</u>
<u>Friday, May 23, 2008</u>	<u>Friday, May 22, 2009</u>
<u>Tuesday, June 10, 2008</u>	<u>Wednesday, June 10, 2009</u>
<u>Wednesday, June 25, 2008</u>	<u>Thursday, June 25, 2009</u>
<u>Thursday, July 10, 2008</u>	<u>Friday, July 10, 2009</u>
<u>Friday, July 25, 2008</u>	<u>Friday, July 24, 2009</u>
<u>Monday, August 11, 2008</u>	<u>Monday, August 10, 2009</u>
<u>Monday, August 25, 2008</u>	<u>Tuesday, August 25, 2009</u>
<u>Wednesday, September 10, 2008</u>	<u>Thursday, September 10, 2009</u>
<u>Thursday, September 25, 2008</u>	<u>Friday, September 25, 2009</u>
<u>Friday, October 10, 2008</u>	<u>Friday, October 9, 2009</u>
<u>Friday, October 24, 2008</u>	<u>Monday, October 26, 2009</u>

CALENDAR YEAR 2008	CALENDAR YEAR 2009
<u>Monday, November 10, 2008</u>	<u>Tuesday, November 10, 2009</u>
<u>Tuesday, November 25, 2008</u>	<u>Wednesday, November 25, 2009</u>
<u>Wednesday, December 10, 2008</u>	<u>Thursday, December 10, 2009</u>
<u>Wednesday, December 24, 2008</u>	<u>Thursday, December 24, 2009</u>

**WSR 08-09-039
PERMANENT RULES
OLYMPIC REGION
CLEAN AIR AGENCY**

[Filed April 9, 2008, 1:47 p.m., effective May 10, 2008]

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

Purpose: This action will increase the fee for land clearing burn permits. Previously, the permits were \$75.00 per acre cleared. This action will change the fee to \$100.00 per acre cleared.

Citation of Existing Rules Affected by this Order: Amending Olympic Region Clean Air Agency Regulations, Rule 3.4.

Statutory Authority for Adoption: Chapter 70.94 RCW.

Adopted under notice filed as WSR 08-05-127 on February 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: April 9, 2008.

Richard A. Stedman
Executive Director

**AMENDATORY SECTION
RULE 3.4 OUTDOOR BURNING PERMIT FEES**

Agricultural Burn permit: For 10 acres (or equivalent) or less the fee is twenty-five dollars (\$25.00). For greater than 10 acres (or equivalent) the fee will be two dollars and fifty cents (\$2.50) per acre.

Land Clearing Burn Permit: Land clearing burning permits issued by ORCAA will be charged (~~(\$75.00)~~) \$100.00 for one acre or less. For greater than one acre the fee will be (~~(\$75.00)~~) \$100.00 per acre cleared, rounded to the nearest full acre.

WSR 08-09-042
PERMANENT RULES
DEPARTMENT OF
SOCIAL AND HEALTH SERVICES
(Economic Services Administration)

[Filed April 10, 2008, 11:28 a.m., effective May 11, 2008]

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

Purpose: The department is amending WAC 388-406-0005 Can I apply for cash, medical, or Basic Food?, in order to allow youth confined in juvenile rehabilitation administration (JRA) and county juvenile detention facilities to apply for medical assistance forty-five days prior to release from confinement. The proposal also clarifies language in subsection (8) to reflect current policies and practice. Subsection (8) was revised to more accurately mirror the language in subsection (7).

Citation of Existing Rules Affected by this Order: Amending WAC 388-406-0005.

Statutory Authority for Adoption: RCW 74.04.050, 74.04.055, 74.04.057, 74.08.060, 74.08.090, and 74.09.555.

Other Authority: Chapter 359, Laws of 2007, signed by Governor Gregoire on May 8, 2007.

Adopted under notice filed as WSR 07-21-058 on October 12, 2007.

Changes Other than Editing from Proposed to Adopted Version: In the second sentence in subsection (9), the word "your" was changed to "youth."

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 0, Repealed 0.

Number of Sections Adopted Using Negotiated Rule Making: New 0, Amended 1, Repealed 0; Pilot Rule Making: New 0, Amended 0, Repealed 0; or Other Alternative Rule Making: New 0, Amended 0, Repealed 0.

Date Adopted: April 8, 2008.

Stephanie E. Schiller
Rules Coordinator

AMENDATORY SECTION (Amending WSR 06-08-047, filed 3/30/06, effective 4/30/06)

WAC 388-406-0005 Can I apply for cash, medical, or Basic Food? (1) You can apply for any benefit the department offers, including cash assistance, medical assistance, or Basic Food.

(2) You must meet certain eligibility requirements in order to receive a program benefit.

(3) You can apply for someone else if you are:

(a) A legal guardian, caretaker, or authorized representative applying for:

(i) A dependent child;

(ii) An incapacitated person; or

(iii) Someone who is deceased.

(b) Applying for someone who cannot apply for some other reason. We may ask why the applicant is unable to apply on their own behalf.

(4) If you get Supplemental Security Income (SSI), you do not need to apply for medical benefits. We automatically open medical benefits for you.

(5) A person or agency may apply for GAU or medical assistance for you if:

(a) You temporarily live out-of-state; and

(b) You are a Washington state resident.

(6) When you are confined or incarcerated in a Washington state public institution, you may apply for cash or medical assistance within forty-five days prior to your expected release date if you meet the following criteria:

(a) You are confined by or in the following public institutions:

(i) Department of corrections;

(ii) City or county jail; or

(iii) Institution for mental diseases (IMD).

(b) Staff at the public institution provide medical records including diagnosis by a mental health professional that you have a mental disorder (as defined in the Diagnostic and Statistical Manual of Psychiatric Disorders, most recent edition) that affects your thoughts, mood or behavior so severely that it prevents you from performing any kind of work.

(7) ~~((The department))~~ We will make an eligibility determination for medical assistance prior to your release from confinement and will authorize medical benefits upon your release from confinement when you:

(a) Meet the criteria of subsection (6) in this section; and

(b) Were receiving Medicaid or general assistance benefits immediately before confinement or within the five years prior to confinement.

(8) If you meet the criteria in subsection (6) but did not receive Medicaid or general assistance benefits within the ~~((past))~~ five years prior to confinement, the department will process your request for medical assistance within the time frames in WAC 388-406-0035.

(9) If you are applying for assistance for a youth leaving incarceration in a Juvenile Rehabilitation Administration or county juvenile detention facility, you may apply for assistance within forty-five days prior to release. We will process your application for medical assistance when we receive it, and if eligible, we will authorize medical benefits upon the youth's release from confinement.

WSR 08-09-044
PERMANENT RULES
HORSE RACING COMMISSION

[Filed April 10, 2008, 1:40 p.m., effective May 11, 2008]

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

Purpose: To amend WAC 260-70-640 Permitted medication, to raise the permitted serum or plasma threshold of flunixin from 20 to 50 nanograms per milliliter.

Citation of Existing Rules Affected by this Order: Amending WAC 260-70-640.

Statutory Authority for Adoption: RCW 67.16.020 and 67.16.040.

Adopted under notice filed as WSR 08-06-070 on March 4, 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 1, 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 1, Repealed 0; Pilot Rule Making: New 0, Amended 0, Repealed 0; or Other Alternative Rule Making: New 0, Amended 0, Repealed 0.

Date Adopted: April 10, 2008.

R. J. Lopez
Deputy Secretary

AMENDATORY SECTION (Amending WSR 07-07-036, filed 3/12/07, effective 4/12/07)

WAC 260-70-640 Permitted medication. Trainers using permitted medication in the care of their horses are subject to all rules governing such medications. Failure to administer permitted medication to a horse on a program of permitted medication is a violation of these rules.

(1) The use of one of three approved nonsteroidal anti-inflammatory drugs (NSAIDs) is permitted under the following conditions:

(a) The drug may not exceed the following permitted serum or plasma threshold concentrations, which are consistent with administration by a single intravenous injection at least twenty-four hours before the post time for the race in which the horse is entered:

- (i) Phenylbutazone - 5 micrograms per milliliter;
- (ii) Flunixin - ((20)) 50 nanograms per milliliter;
- (iii) Ketoprofen - 10 nanograms per milliliter.

(b) No NSAID, including the approved NSAIDs listed in this rule, may be administered within the twenty-four hours before post time for the race in which the horse is entered.

(c) The presence of more than one of the three approved NSAIDs, with the exception of phenylbutazone in a concentration below 1 microgram per milliliter of serum or plasma or any unapproved NSAID in the post-race serum or plasma sample is not permitted. The use of all but one of the approved NSAIDs must be discontinued at least forty-eight hours before the post time for the race in which the horse is entered.

(2) Any horse to which a NSAID has been administered is subject to having a blood and/or urine sample(s) taken at the direction of an official veterinarian to determine the quantitative NSAID level(s) and/or the presence of other drugs which may be present in the blood or urine sample(s).

WSR 08-09-056
PERMANENT RULES
GAMBLING COMMISSION

[Order 624—Filed April 14, 2008, 6:16 p.m., effective July 1, 2008]

Effective Date of Rule: July 1, 2008.

Purpose: At their November 2007 meeting, the commission filed a petition for rule change from a poker player requesting that card room hours of operation be increased from twenty hours a day/seven days a week to twenty-four hours a day/five days a week and twenty hours a day/two days a week. At their April 2008 meeting, the commission approved the request to extend card room hours of operation.

Citation of Existing Rules Affected by this Order: Amending WAC 230-15-025.

Statutory Authority for Adoption: RCW 9.46.070.

Adopted under notice filed as WSR 07-24-016 on November 27, 2007, and published December 19, 2007.

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 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 1, Repealed 0.

Date Adopted: April 15, 2008.

Susan Arland
Rules Coordinator

AMENDATORY SECTION (Amending Order 608, filed 4/10/07, effective 1/1/08)

WAC 230-15-025 Hours of play. (1) Licensees must not allow the use of their premises for card playing between the hours of 2:00 a.m. and 6:00 a.m. unless we approve different hours.

(2) Licensees may request, in writing, different hours of operation. Once the request is received, we will consult with the local law enforcement agency having jurisdiction over the licensee's business and with other state agencies involved in regulation of the business. We may allow licensees to adjust closing hours, but licensees must:

(a) Open the food and/or drink business being stimulated to the public for business any time licensees are conducting card games; and

(b) Have a licensed card room employee on duty and in the licensed card game area at all times during the hours of operation of a Class E, Class F, or house-banked card games; and

(c) Observe a four-hour period of closure at the end of ~~((each business day))~~ at least two business days a week before beginning the next period of operation; and

(d) Comply with any other terms and conditions we require.

(3) We may deny the request for extended hours or revoke hours already approved if:

(a) The local law enforcement agency or a state agency objects; or

(b) We determine that the licensee has violated any provisions of chapter 9.46 RCW, any other commission rule, or any of the terms set forth in subsection (1) of this section.

(4) Licensees must submit all objections to revocations of operating hours in writing.

(5) If requested, we allow the licensee an opportunity for a brief adjudicative proceeding (BAP) before denying or revoking the licensee's authorization for extended card game hours. An administrative law judge hears the BAP, under the provisions of Title 230 WAC and chapter 34.05 RCW.

WSR 08-09-071

PERMANENT RULES

SUPERINTENDENT OF PUBLIC INSTRUCTION

[Filed April 16, 2008, 11:38 a.m., effective May 17, 2008]

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

Purpose: The purpose of the proposed rule changes is to be in compliance with RCW and to effectively educate English language learners (ELLs).

Citation of Existing Rules Affected by this Order: Amending chapter 392-160 WAC.

Statutory Authority for Adoption: RCW 28A.180.010.

Adopted under notice filed as WSR 07-23-061 on November 16, 2007.

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 9 [0], Amended [9], 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 X [9], 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 26, 2008.

Dr. Terry Bergeson
Superintendent of
Public Instruction

AMENDATORY SECTION (Amending Order 84-41, filed 10/2/84)

WAC 392-160-010 School district board of directors duties. Consistent with the provisions of this chapter, every school district board of directors:

(1) Shall make available to each eligible student a transitional bilingual (~~(instruction))~~ instructional program or, if the use of two languages is not practicable as provided in WAC 392-160-040, an alternative instructional program;

(2) Shall communicate, whenever feasible, with parents of students in the bilingual program, or alternative instruction program in a language they can understand; and

(3) Shall provide (~~(in-service))~~ whenever feasible professional development training for administrators, teachers, counselors, and other staff (~~(who are involved in the district's transitional bilingual program, including alternative instructional programs,))~~ on bilingual program models, and/or district's alternative instructional program, appropriate use of instructional strategies (~~(for students of culturally different backgrounds and use of curriculum materials and program models))~~ and assessment results, and curriculum and instructional materials for use with culturally and linguistically diverse students.

AMENDATORY SECTION (Amending Order 12, filed 8/12/91, effective 9/12/91)

WAC 392-160-015 Identification of eligible students.

(1) District procedures—Identification of primary language required: Every school district board of directors shall adopt written procedures governing the identification of each student's primary language and the determination of which students with a primary language other than English are eligible students. Such procedures shall include:

(a) (~~(Provisions for the identification of a student's primary language pursuant to an interview with or a written questionnaire directed to))~~ A home language survey, completed by the student and the student's parent(s) or guardian(s), (~~(or a combination of interviews and written questionnaires))~~ which identifies the student's primary language as other than English; and

(b) Provisions for testing students (~~(as provided for in this section, WAC 392-160-020, and 392-160-035))~~ on the state-approved Washington language proficiency placement test.

(2) Deadline for determining eligibility of newly enrolled students: The primary language and eligibility of each newly enrolled student shall be established no later than the (~~(twentieth))~~ tenth school day after the date upon which the student commences attendance at a particular school district. Provided that no eligible student shall be required to participate in a transitional bilingual instructional program or an alternative instructional program, if the parent/guardian chooses to opt the student out of program services.

(3) (~~(Newly enrolled students who speak little or no English—~~ Determination of eligibility: The eligibility of a newly enrolled student whose eligibility is reasonably apparent by reason of:

(a) The student's ability to communicate reasonably well in his or her non-English primary language; and

(b) The student's inability to communicate in English to any practical extent as determined by an interview with the student by appropriate school district staff. No other approved test need be administered if the professional judgment of the school personnel is that the student is eligible as defined in WAC 392-160-005(3).

(4) All other newly enrolled students—Determination of eligibility: The eligibility of all newly enrolled students:

(a) Who have a primary language other than English; and

(b) Whose eligibility is not reasonably apparent by reason of the standards established by subsection (3) shall be determined pursuant to WAC 392-160-020.

(5)) Annual reassessment of all (eligible) students is required: Each school year each school in which an eligible student is enrolled shall conduct an evaluation of the overall academic progress and English language development of the student. This evaluation must include but not be limited to the administration of a standardized test in reading, writing, listening and ((language arts)) speaking in English as set forth in WAC 392-160-035.

AMENDATORY SECTION (Amending Order 84-41, filed 10/2/84)

WAC 392-160-026 District application. Each school district that seeks an allocation of state funds for a transitional bilingual instruction program or alternative instructional program shall submit a program approval application to the superintendent of public instruction no later than August 1 of each year: Provided, That in the case of extenuating circumstances or in the case of a change in circumstances such as the unexpected enrollment of eligible students the superintendent of public instruction may allow the belated submission of an application or the submission of a modification to a previously approved application. The application shall apply to programs to be conducted during the ensuing school year and shall provide data and information in accordance with instructions and forms now or hereafter established and published by the superintendent of public instruction in bulletins distributed to school districts.

AMENDATORY SECTION (Amending Order 84-17, filed 6/13/84)

WAC 392-160-027 Board approval. The district's ((annual application)) transitional bilingual instructional program or alternative instructional program shall be approved by formal action of the district's board of directors.

AMENDATORY SECTION (Amending Order 84-41, filed 10/2/84)

WAC 392-160-028 Content of district application. The district's annual application shall contain the following:

(1) The estimated number of eligible students to be served ((during the current school year and the estimated number to be served)) in the next school year ((for each non-English primary language spoken));

(2) A description of the ((approved tests to be used in the next school year to determine student eligibility)) bilingual

instructional program and/or alternative instructional program to be implemented the next school year;

(3) ((The estimated number of students who will be enrolled during the next school year in a program funded pursuant to this chapter in excess of three school years (i.e., 540 school days or portions thereof). The numbers of such students shall be identified by the non-English primary language spoken and the type of program to be provided (i.e., bilingual or alternative instructional program);

(4) The number of students who have been enrolled in a program funded pursuant to this chapter in excess of three school years who are currently served identified by the non-English primary language spoken by each student and the type of program provided each student;

(5) A description of the bilingual instruction and alternative instructional programs planned for the next school year; and

(6) A description of the in-service training program that is planned for the next school year.) A description of the research-based professional development activities plan targeted toward second language acquisition for the next school year as provided for in this section and WAC 392-160-010; and

(4) A description of the district's plan for continuous improvement and evaluation of its program to serve English language learners.

AMENDATORY SECTION (Amending Order 84-17, filed 6/13/84)

WAC 392-160-029 Program approval. Program approval by the superintendent of public instruction shall be as follows:

(1) Each application that is submitted as required by and pursuant to this chapter shall be approved: Provided, that approval of an application may be withheld in whole or part in the event the superintendent of public instruction deems it necessary to ascertain the completeness and accuracy of the application((-);

(2) Each school district shall be notified of program approval ((or disapproval, in whole or part)) status, within thirty days after the date of receipt of the application by the superintendent of public instruction((-); and

(3) Each application that is returned to a school district with approval withheld in whole or part shall be accompanied by an explanation of the reasons ((therefor)) therefore and a statement of the corrective action necessary for approval.

AMENDATORY SECTION (Amending Order 84-41, filed 10/2/84)

WAC 392-160-035 ((Three-year limitation—Testing—))Program exit requirements—Testing. (1) No student shall continue to be entitled to a transitional bilingual instructional program or alternative instructional program after the student has received instruction in a transitional bilingual instructional program or alternative instructional program conducted pursuant to this chapter within any one or more school districts for a period of three consecutive school years (i.e., 540 school days or portions thereof): ((Provided; That each such student who is unable to demonstrate an

improvement in English language skills that is sufficient to overcome the student's learning impairment (i.e., unable to score above the 35th percentile on an approved test) shall continue to be entitled to an approved bilingual instruction or alternative instructional program)) Unless the student has not yet met exit criteria on Washington language proficiency test as established by the office of superintendent of public instruction.

(2) The approved test for measurement of improvement in English language skills for purposes of exit from the transitional bilingual instructional program or alternative instructional programs shall be ~~((any nationally normed standardized achievement test normally administered by a school district to its students))~~ the Washington language proficiency test.

(3) No student shall be ~~((entitled to continued enrollment in a transitional bilingual))~~ eligible for continued funding in the transitional bilingual instructional program or alternative program ~~((once the student has scored above the 35th percentile on the reading and language arts portions of a nationally normed standardized test appropriate for the student's age and grade level))~~ upon meeting or exceeding the state standards as measured by the WLPT. As provided for in this section and WAC 392-160-015, the parent/guardian retains the option to refuse program services for the eligible student.

AMENDATORY SECTION (Amending Order 12, filed 8/12/91, effective 9/12/91)

WAC 392-160-040 Alternative instructional program. School districts under one or more of the following conditions may elect to provide an alternative instructional program:

(1) Necessary instructional materials in the student's primary language are unavailable and the district has made reasonable efforts to obtain necessary materials without success;

(2) The capacity of the district's bilingual ~~((instruction))~~ instructional program is temporarily exceeded by an unexpected increase in the enrollment of eligible students;

(3) Bilingual instruction cannot be provided ~~((affected))~~ to students without substantially impairing their basic education ~~((program))~~ because of their distribution throughout many grade levels or schools, or both; or

(4) Teachers who are trained in bilingual education methods and sufficiently skilled in the non-English primary language(s) are unavailable, and the district has made reasonable attempts to obtain the services of such teachers.

AMENDATORY SECTION (Amending Order 84-41, filed 10/2/84)

WAC 392-160-045 ~~((Handicapped students—No)) Students with disabilities—Conditions for transitional bilingual entitlement.~~ ~~((Notwithstanding any other provision of this chapter to the contrary, any eligible student whose English language skill deficiency is caused primarily by one or more of the handicapping conditions defined in chapter 392-171 WAC, as now or hereafter amended, shall not be eligible for the entitlement established pursuant to this chapter.))~~ (1) Students identified as being eligible for both the state transitional bilingual instructional program (TBIP) and

special education program will participate in the TBIP to the same degree and consideration given to every other child in the TBIP.

(2) The district, in consultation with the student's IEP team shall determine whether the child's disability is the determinant factor for the child's English language skill deficiency.

(3) If it is determined that the child's disability is the determinant factor for the English language skill deficiency, the child shall not be eligible for the TBIP.

(4) If it is determined that the child's disability is not the determinant factor for the English language skill deficiency, the child shall be eligible for the TBIP.

(5) If it cannot be determined whether or not the child's disability is the determinant factor for the child's English language skill deficiency, the child shall be eligible for TBIP and the special education program. The child's district, in consultation with the student's IEP team shall assess annually whether or not the child's disability is the determinant factor for the child's English language skill deficiency. If the district and IEP team determine that the child's disability is the determinant factor for the child's English language skill deficiency then the child shall not be eligible for the TBIP.

(6) A child who is participating in both the TBIP and the special education program under this chapter shall be subject to all conditions of participation provided in this chapter.

WSR 08-09-079

PERMANENT RULES

DEPARTMENT OF HEALTH

[Filed April 16, 2008, 7:22 p.m., effective May 17, 2008]

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

Purpose: Chapter 246-224 WAC informs registrants on how to apply for an X-ray registration and pay registration and renewal fees through the department of licensing (DOL). Amendments to this chapter are needed for clarity and consistency with chapter 246-254 WAC, Radiation protection—Fees.

Citation of Existing Rules Affected by this Order: Amending WAC 246-224-0010, 246-224-0040, 246-224-0050, 246-224-0070, 246-224-0080, and 246-224-0090.

Statutory Authority for Adoption: RCW 19.02.050, 43.20B.020, 43.70.110, 70.98.050, and 70.98.080.

Adopted under notice filed as WSR 08-04-081 on February 4, 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 6, Repealed 0.

Number of Sections Adopted in Order to Clarify, Streamline, or Reform Agency Procedures: New 0, 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 0, Amended 6, Repealed 0.

Date Adopted: April 16, 2008.

Mary C. Selecky
Secretary

AMENDATORY SECTION (Amending WSR 02-14-050, filed 6/27/02, effective 7/28/02)

WAC 246-224-0010 Definitions. "Agent" means a person, company, or dealer; which assembles, installs, repairs, sells, or leases X-ray machines.

"Application" means, for the purpose of this chapter, the master business application and appropriate addenda used by the master license service of the department of licensing (DOL).

"Department" means the department of health.

"DOL" means the department of licensing.

"Facility" means ~~((the location))~~ all buildings, structures, and operations on one contiguous site or identified by one physical location address designation at which one or more radiation machines are installed, manufactured, tested, or used ~~((within one building, vehicle, or in one physical complex)).~~

"FDA" means the United States Food and Drug Administration.

"MLS" means the department of licensing's master license service.

"Radiation" means, for the purposes of this chapter, ionizing radiation, including X-ray, electron beam, and other machine produced particulate radiation.

"Radiation machine" means, for purposes of this chapter, a device that, when operated, produces X-ray or electron radiation, in a prescribed manner, with defined characteristics, techniques, or parameters. It does not include devices with radioactive material as the only source of radiation.

"Registrant" means the owner or controller of the radiation machine who is responsible for the safe operation of the radiation machine.

"Registration" means providing required information and continuing contact with the department by any person possessing a radiation machine in accordance with regulations adopted by the department.

"Storage" means the status of a radiation machine that is approved by the department as being unable to produce radiation without substantial effort at set-up, reassembly, or reinstallation. For facilities with a radiation control authority, (e.g., radiation safety office) a locking or disabling procedure may serve to provide this status.

AMENDATORY SECTION (Amending WSR 02-14-050, filed 6/27/02, effective 7/28/02)

WAC 246-224-0040 What if we have separate locations with radiation machines? (1) Geographically separate facilities must register separately even if these separate facilities are under one administrative control (e.g., several satellite clinics operated by one health care institution).

(2) Each facility must designate a contact person.

(3) If machines are routinely moved between or among separate facilities, ~~((indicate this when registering))~~ notify DOL prior to the machine being moved, or notify the department at the time shielding plans are submitted for review.

AMENDATORY SECTION (Amending WSR 02-14-050, filed 6/27/02, effective 7/28/02)

WAC 246-224-0050 When and how do I register? (1)

You must register with the department ~~((within))~~ through submission of a master business license application and appropriate addendum used by MLS no later than fifteen calendar days of initial use unless shielding plans review is required. ~~((You may also register anytime before initial use.))~~

(2) Facilities requiring shielding plan review must register with DOL and submit plans to the department for review prior to construction or installation of radiation machines according to WAC 246-225-030, General requirements—Plan review.

(3) Registration is valid for one year from the department approval date, or any other date as may be determined through partnership with MLS.

~~((3))~~ You must provide, at a minimum, the:

(a) Owner name;

(b) Profession and credential of user/registrant;

(c) Official contact person;

(d) Site address and phone number;

(e) Mailing address and phone number (if different from facility);

~~(f) Total number and type of radiation machines (tubes) at the facility;~~

~~(g) Installation date(s);~~

~~(h) Seller/installer name; and~~

~~(i) Name of former agent and address of former facility from which the machines were transferred or sold.))~~

(4) Pay applicable registration fees according to WAC 246-254-053, Radiation machine facility registration fees.

(5) Submit registration information and applicable fees to(=

Department of Health

Revenue Section

P.O. Box 1099

Olympia, WA 98507 1099

360-236-3230 or 1-800-299-XRAY)) MLS in accordance with their instructions.

Note: For ((division of radiation protection)) DOL information, visit the following web site:

((<http://www.doh.wa.gov/ehp/rp/Default.htm>))

<http://www.dol.wa.gov/business/xray.htm>

AMENDATORY SECTION (Amending WSR 02-14-050, filed 6/27/02, effective 7/28/02)

WAC 246-224-0070 When and how do I report changes to my registration? (1) You must notify ~~((the department))~~ DOL within thirty days of any change to your registration information.

(2) Submit registration changes to:

Department of ~~((Health))~~ Licensing
~~((X-Ray Control Section))~~ Master License Service
 P.O. Box ~~((47827))~~ 49034
 Olympia, WA 98504-~~((7827))~~ 9034
~~((360-236-3230 or 1-800-299-XXXX))~~
360-664-1400 or fax 360-570-7875

~~((3))~~ You may notify the department of changes on the registration renewal notice if timely.)

Note: For ~~((division))~~ office of radiation protection information, visit the following web site:
<http://www.doh.wa.gov/ehp/tp/Default.htm>.
 For department of licensing information, visit the following web site:
<http://www.dol.wa.gov/business/xray.htm>.

AMENDATORY SECTION (Amending WSR 02-14-050, filed 6/27/02, effective 7/28/02)

WAC 246-224-0080 When and how do I renew my registration? (1) You ~~((must renew your registration annually))~~ will receive registration renewal notices from DOL.

(2) You must submit renewal information and the applicable ~~((registration))~~ fees to DOL as specified ~~((in WAC 246-254-053 at least thirty calendar days prior to your registration expiration date. The department provides notice of fees and current registration information ninety days prior to the registration expiration date, and anytime upon request))~~ by MLS.

(3) If ~~((registration is overdue, late fees apply according to WAC 246-254-053, Radiation machine facility registration fees))~~ you do not receive a renewal notice, contact DOL.

AMENDATORY SECTION (Amending WSR 02-14-050, filed 6/27/02, effective 7/28/02)

WAC 246-224-0090 What are my obligations if I close my facility or get rid of a machine? (1) You must notify the department or DOL of the machine status within thirty days of closure or removal.

(2) If the machine is disposed of or transferred within Washington state, you must provide the department the following:

- (a) The name and contact information of the recipient;
- (b) The address of the recipient; and
- (c) The date of the disposal or transfer.

(3) If the machine is to be placed in storage and retained, contact the department for approval.

WSR 08-09-090
PERMANENT RULES
DEPARTMENT OF
FISH AND WILDLIFE

[Order 08-78—Filed April 18, 2008, 2:39 p.m., effective May 19, 2008]

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

Purpose: Amending WAC 232-12-004 Classification of wild birds, 232-12-045 Hunting equipment restrictions, 232-28-273 2006-2008 Moose, bighorn sheep, and mountain goat seasons and permit quotas, 232-28-291 Special hunting seasons permits, 232-28-295 Landowner hunting permits, 232-

28-337 Deer and elk area descriptions, 232-28-342 2006-07, 2007-08, 2008-09 Small game seasons, 232-28-351 2006-2008 Deer general seasons and definitions, and 232-28-352 2006-2008 Elk general seasons and definitions.

Citation of Existing Rules Affected by this Order: Amending WAC 232-12-004, 232-12-045, 232-28-273, 232-28-291, 232-28-295, 232-28-337, 232-28-342, 232-28-351, and 232-28-352.

Statutory Authority for Adoption: RCW 77.12.047, 77.12.020, 77.12.570, 77.12.210.

Adopted under notice filed as WSR 08-03-141 and 08-03-143 on January 23, 2008.

Changes Other than Editing from Proposed to Adopted Version: **Changes, if any, from the text of the proposed rule and reasons for difference:**

WAC 232-12-045 Hunting equipment restrictions.

Under subsection (2), change the language to read the following: (2) It is unlawful to use radio-telemetry equipment to locate and hunt wildlife with transmitters attached to them.

This change is based on public comment and interest in providing safety for finding senior or disabled hunting partners.

WAC 232-28-295 Landowner hunting permits.

Under 2008 4-O Cattle Company Landowner Hunting Permits:

- Adjusted season dates for all permits to ensure good hunter distribution.
- Added one "Any Bull" tag, for a total of two. This will help mitigate the elk damage to crops as well as help the landowner cover the cost of administering public hunts on the ranch.
- Redistributed antlerless permits in A, B, and C hunts and eliminated hunt D to reduce impacts on late season elk that migrate onto the property from surrounding GMUs while still providing elk harassment.

Under 2008 4-O Cattle Company Special Hunting Permits:

- Adjusted season dates for all permits to ensure good hunter distribution.
- Reduced antlerless permits in hunts A - F and eliminated hunt J (total reduction from sixty-five to thirty-two) to reduce impacts on late season elk that migrate onto the property from surrounding GMUs while still providing elk harassment.

Under 2008 Silver Dollar Association Landowner Hunting Permits:

- Reduced antlerless quota from fifteen to eight per negotiated agreement with the cooperator.

Under 2008 Silver Dollar Special Hunting Permits:

- Changed "any elk" permits from youth and persons with disabilities to just youth hunters. This was done through negotiations with the cooperator to address their desire to provide hunting opportunity for youth. The total number of "any elk" permits did not change.

- Decreased total "antlerless" permits from fifteen to eight per negotiated agreement with the cooperator.

Under 2008 Blackrock Ranches Landowner Hunting Permits:

- Reduced antlerless quota from eight to six per negotiated agreement with the cooperator.

Under 2008 Blackrock Special Hunting Permits:

- Decreased total "antlerless" permits from eight to six per negotiated agreement with the cooperator.

WAC 232-28-337 Deer and elk area descriptions.

Under Elk Area 6012 Tri Valley, add the following change:

Elk Area No. 6012 Tri Valley (Grays Harbor and Mason counties): Those portions of GMUs 648 (Wynoochee) and 651 (Satsop) within one mile of Brady-Matlock Road from State Highway 12 north to the junction with Schaefer State Park Road (east Satsop Road) and all lands within one mile of Wynoochee Valley Road from State Highway 12 north to the junction with Cougar Smith Road, and all lands within one mile of Wishkah Valley Road from north Aberdeen city limit to mile post 16 (~~to the junction with Wishkah East Hoquiam Road~~) and all lands within 2 miles north of SR 12 between the Satsop River and Schouweiler and Hurd roads and then a line north from the end of Hurd Road to a point 2 miles north of SR 12.

This change slightly expands the elk area to address new damage concerns.

WAC 232-28-342 2006-07, 2007-08, 2008-09 Small game seasons.

Under Wild Turkey Seasons:

- Create an early fall "beardless only" season in GMUs 105-124 with a bag limit of two.
Rationale: This is a population reduction proposal to address field staff requests to reduce turkey populations in GMUs that experience a high frequency of nuisance and damage complaints. The season timing is such that hunters should have access to hunting on both private and public lands while maintaining a season that has minimal overlap with other hunting opportunities (e.g., muzzleloader deer and elk).
- **Early Fall General Season:** Remove GMU 124 (which has been added to the beardless only season); add GMUs 127, 130, and 133 (127 and 133 were previously permit only).
Rationale: GMU 124 was included in the beardless season due to nuisance and damage concerns. Population levels in GMUs 127-133 are high enough, as indicated by harvest trends, to allow additional recreational opportunity.
- **Early Fall Permit Season:** Remove GMUs 127 and 133.
Rationale: GMUs 127 and 133 were added to the general season.
- **Bag Limits:** List bag limits under each season instead of in a dedicated bag limit section.
Rationale: Bag limits were included with each season to provide clarity.

Under mourning dove falconry seasons, change season dates from Sept. 1-15 and Oct. 1- Dec. 16 to Sept. 1- Dec. 16. This change is necessary because of federal rules and revisions to the September gun season, to provide additional opportunity for falconers when the majority of mourning doves are in Washington.

WAC 232-28-351 2006-2008 Deer general seasons and definitions.

Under Modern Firearm, Late Buck Hunts, change the reference to "Advanced Hunter Education (AHE) Master Hunter Season" to "Master Hunter Season." This is consistent with recent commission policy and rule change of the program's title.

WAC 232-28-352 2006-2008 Elk general seasons and definitions.

- Under Bag Limit add the following language "Any combination of seasons, tags, and permits set by the fish and wildlife commission will not exceed a maximum of two (2) elk per hunter during the license year." This language has been added to be consistent with public interest related to equitable harvest of elk among all elk hunters.
- Remove all references to "Advanced Hunter Education" (AHE) and replace with "Master Hunter." This is consistent with recent commission policy and rule change of the program's title.

A final cost-benefit analysis is available by contacting Lori Preuss, 600 Capitol Way North, Olympia, WA 98501-1091, phone (360) 902-2930, fax (360) 902-2155, e-mail preuslmp@dfw.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 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: April 12, 2008.

Susan Yeager
for Jerry Gutzwiller, Chair
Fish and Wildlife Commission

AMENDATORY SECTION (Amending Order 04-98, filed 5/12/04, effective 6/12/04)

WAC 232-12-004 Classification of wild birds. (1)
Game birds include:

Common Name	Scientific Name
migratory waterfowl	Anatidae
wild turkey	<i>Meleagris gallopavo</i>
blue grouse	<i>Falci pennis obscurus</i>
spruce grouse	<i>Dendragapus canadensis</i>
ruffed grouse	<i>Bonasa umbellus</i>
"Forest grouse" means blue, spruce, or ruffed grouse	
sharp-tailed grouse	<i>Tympanuchus phasianellus</i>
greater sage-grouse	<i>Centrocercus urophasianus</i>
white-tailed ptarmigan	<i>Lagopus leucurus</i>
California quail	<i>Callipepla californica</i>
mountain quail	<i>Oreortyx pictus</i>
northern bobwhite	<i>Colinus virginianus</i>
scaled quail	<i>Callipepla squamata</i>
chukar	<i>Alectoris chukar</i>
ring-necked pheasant	<i>Phasianus colchicus</i>
Gray (Hungarian) partridge	<i>Perdix perdix</i>
"Upland bird" means quail, chukar, pheasant, or partridge	
American coot	<i>Fulica americana</i>
common snipe	<i>Gallinago gallinago</i>
band-tailed pigeon	<i>Columba fasciata</i>
mourning dove	<i>Zenaida macroura</i>
(2) Predatory birds include:	
Common Name	Scientific Name
black-billed magpie	<i>Pica hudsonia</i>
American crow	<i>Corvus brachyrhynchos</i>

Common Name	Scientific Name
European starling	<i>Sturnus vulgaris</i>
house (English) sparrow	<i>Passer domesticus</i>
rock dove	<i>Columba livia</i>
<u>Eurasian collared dove</u>	<u><i>Streptopelia decaocto</i></u>

AMENDATORY SECTION (Amending Order 03-129, filed 6/12/03, effective 7/13/03)

WAC 232-12-045 Hunting equipment restrictions.
(1) It is unlawful to hunt deer or elk with the aid of infrared night vision equipment or with laser sights (not to include range finders) capable of projecting a beam onto the target, while in possession or control of a firearm, bow and arrow, or crossbow.

(2) It is unlawful to use radio-telemetry equipment to locate and hunt wildlife with transmitters attached to them.

AMENDATORY SECTION (Amending Order 07-62, filed 5/3/07, effective 6/3/07)

WAC 232-28-273 2006-2008 Moose, bighorn sheep, and mountain goat seasons and permit quotas.

Moose Permit Hunts

Who May Apply: Anyone may apply; EXCEPT those who harvested a moose previously in Washington state. An individual may only harvest one moose during their lifetime (except waived for antlerless only hunts and raffle and auction hunts).

Bag Limit: One moose.

Weapon Restrictions: Permit holders may use any legal weapon.

Hunt Name	Permit Season	Permit Hunt Boundary Description	Special Restrictions	Permits
Kettle Range	Oct. 1-Nov. 30	GMUs 101, 105	Any Moose	2
Selkirk Mtns. A	Oct. 1-Nov. 30	GMU 113	Any Moose	25
Selkirk Mtns. B ^d	Oct. 1-Nov. 30	GMU 113	Antlerless Only	2
Mt. Spokane A	Oct. 1-Nov. 30	GMU 124 east of Hwy 395	Any Moose	((10)) 12
Mt. Spokane B	Oct. 1-Nov. 30	GMU 124 east of Hwy 395	Antlerless Only	((12)) 14
Mt. Spokane Youth Only ^a	Oct. 1-Nov. 30	GMU 124 east of Hwy 395	Antlerless Only	((8)) 10
49 Degrees North A	Oct. 1-Nov. 30	GMU 117	Any Moose	26
49 Degrees North B ^b	Oct. 1-Nov. 30	GMU 117	Antlerless Only	((3)) 5
49 Degrees North C ^c	Oct. 1-Nov. 30	GMU 117	Antlerless Only	2
49 Degrees North Youth Only ^a	Oct. 1-Nov. 30	GMU 117	Antlerless Only	2
Three Forks	Oct. 1-Nov. 30	GMUs 108, 111	Any Moose	8
Hangman A	Oct. 1-Nov. 30	GMUs 127, 130	Any Moose	((5)) 7
Hangman B	Oct. 1-Nov. 30	GMUs 127, 130	Antlerless Only	((5)) 7
Huckleberry Range	Oct. 1-Nov. 30	GMUs 121, 124 west of Hwy 395	Any Moose	((6)) 8

^aApplicants must be eligible to purchase a youth moose license by November 30 during the license year they are applying for. Youth hunters must be accompanied by an adult during the hunt.

^bApplicants must possess a Disabled Hunter Permit.

^cApplicants must be 65 years of age or older by November 30 during the license year they are applying for.

^dApplicants must be a certified hunter education instructor who meet program-defined eligibility criteria.

Bighorn Sheep Permit Hunts

Who May Apply: Anyone may apply; EXCEPT those who harvested a bighorn sheep previously in Washington state. An individual may only harvest one bighorn sheep during their lifetime. (Except waived for raffle and auction hunts.)

Bag Limit: One bighorn ram (except Vulcan Mountain B is one adult ewe).

Hunt Name	Permit Season	Permit Hunt Boundary Description	Special Restrictions	Permits
Vulcan Mountain <u>A</u>	Sept. 15-Oct. 10	Sheep Unit 2	Any Legal Weapon	((2)) <u>1</u>
<u>Vulcan Mountain B^a</u>	<u>Oct. 1-10</u>	<u>Sheep Unit 2</u>	<u>Adult ewe only</u> <u>Any Legal Weapon</u>	<u>2</u>
Selah Butte	Nov. ((4)) <u>3-30</u>	Sheep Unit 4	Any Legal Weapon	5
Umtanum	Sept. 15-Oct. 10	Sheep Unit 5	Any Legal Weapon	5
Cleman Mountain A	Sept. 15-Oct. 10	Sheep Unit 7	Any Legal Weapon	4
Cleman Mountain B	Nov. ((4)) <u>3-30</u>	Sheep Unit 7	Any Legal Weapon	4
Mt. Hull	Sept. 15-Oct. 10	Sheep Unit 10	Any Legal Weapon	2
Wenaha	Sept. 15-Oct. 10	Sheep Unit 11	Any Legal Weapon	1
Lincoln Cliffs	Sept. 15-Oct. 10	Sheep Unit 12	Any Legal Weapon	1
Quilomene A	Sept. 15-Oct. 10	Sheep Unit 13	Any Legal Weapon	4
Swakane	Sept. 15-Oct. 10	Sheep Unit 14	Any Legal Weapon	1
Tieton	Sept. 15-Oct. 10	Sheep Unit 15	Any Legal Weapon	3
Manson	Nov. ((4)) <u>3-30</u>	Sheep Unit 16	Any Legal Weapon	2
<u>Asotin</u>	<u>Sept. 15-Oct. 10</u>	<u>Sheep Unit 17</u>	<u>Any Legal Weapon</u>	<u>1</u>

^aApplicants must be 65 years of age or older by November 30 during the license year they are applying for.

Bighorn Sheep Units:

Sheep Unit 2 Vulcan Mountain: Permit Area: Ferry County north of the Kettle River near Curlew.

Sheep Unit 4 Selah Butte: Permit Area: That part of Yakima and Kittitas counties between Ellensburg and Yakima east of the Yakima River and north of Selah Creek, west of Interstate 82 and south of Interstate 90.

Sheep Unit 5 Umtanum: Permit Area: Those portions of Yakima and Kittitas counties west of the Yakima River, north of Wenas Creek, and east of USFS Road 1701 to Manastash Lake and its drainage; south and east along the South Fork Manastash Creek to Manastash Creek and the Yakima River.

Sheep Unit 7 Cleman Mountain: Permit Area: That part of Yakima County south of Wenas Creek and east of USFS Road 1701, north of Highway 410 and Highway 12 and west of the Yakima River.

Sheep Unit 10 Mt. Hull: Permit Area: That part of Okanogan County within the following described boundary: Beginning at Oroville; then south along U.S. Highway 97 to the Swanson's Mill Road (old Mt. Hull Road) near Lake Andrews; then east to the Dry Gulch Road; then north to the Oroville-Toroda Creek Road (Molson Grade Road); then west to Oroville and the point of beginning.

Sheep Unit 11 Wenaha Wilderness: Permit Area: That part of GMU 169 within Crooked Creek drainage.

Sheep Unit 12 Lincoln Cliffs: Permit Area: That part of Lincoln County north of Highway 2.

Sheep Unit 13 Quilomene: Permit Area: GMUs 329, 330, and 251 south of Colockum Creek.

Sheep Unit 14 Swakane: Permit Area: GMU 250.

Sheep Unit 15 Tieton: Permit Area: GMU 360.

Sheep Unit 16 Manson: Permit Area: GMU 243.

Sheep Unit 17 Asotin: Permit Area: GMU 175.

Mountain Goat Permit Hunts

Who May Apply: Anyone may apply; except those who harvested a mountain goat in Washington state after 1998. An individual may only harvest one mountain goat during their lifetime, except for those who harvested a goat prior to 1999. (Except waived for raffle and auction hunts.)

Bag Limit: One (1) adult goat of either sex with horns four (4) inches or longer. WDFW urges hunters to refrain from shooting nannies with kids. Permit hunters may start hunting Sept. 1 with archery equipment.

Hunt Name	Permit Season	Permit Hunt Boundary Description	Special Restrictions	Permits
Chelan North	Sept. 15-Oct. 31	Goat Unit 2-1	Any Legal Weapon	1
Methow	Sept. 15-Oct. 31	Goat Unit 2-2	Any Legal Weapon	2
Naches Pass/Corral Pass	Sept. 15-Oct. 31	Goat Units 3-6, 4-38	Any Legal Weapon	2
Bumping River	Sept. 15-Oct. 31	Goat Unit 3-7	Any Legal Weapon	2
Blazed Ridge	Sept. 15-Oct. 31	Goat Unit 3-10	Any Legal Weapon	2
Tatoosh	Sept. 15-Oct. 31	Goat Unit 5-2	Any Legal Weapon	1
Smith Creek	Sept. 15-Oct. 31	Goat Unit 5-3	Any Legal Weapon	1
Goat Rocks/Tieton River	Sept. 15-Oct. 31	Goat Units 3-9, 5-4	Any Legal Weapon	5
Chowder Ridge	Sept. 15-Oct. 31	Goat Units 4-3	Any Legal Weapon	1
Avalanche Gorge	Sept. 15-Oct. 31	Goat Units 4-7	Any Legal Weapon	1

Mountain Goat Units:

Goat Unit 2-1 Chelan N. (Chelan County): Permit Area: Beginning at the mouth of Fish Creek on Lake Chelan (Moore Point); then northeast up Fish Creek and USFS trail 1259 to the Sawtooth crest near Deephole Spring; then southeast along the Sawtooth crest, which separates Chelan and Okanogan County, to Horsethief Basin and the headwaters of Safety Harbor Creek; then south along Safety Harbor Creek to Lake Chelan, then northwest along the north shore of Lake Chelan to the mouth of Fish Creek at Moore Point and the point of beginning.

Goat Unit 2-2 Methow Area: Permit Area: Okanogan County within the following described boundary: Beginning at the Town of Twisp, westerly along the Twisp River Road (County Road 4440) to Roads End; west up the Twisp Pass Trail 432 to Twisp Pass and the Okanogan County line; northerly along the Okanogan County line through Washington Pass to Harts Pass; southeast down Harts Pass (Road 5400) to Lost River; then along the Lost River-Mazama Road to Mazama; then southwest to State Highway 20; then southeasterly along State Highway 20 to Twisp and the point of beginning.

Goat Unit 3-6 Naches Pass: Permit Area: Yakima and Kittitas counties within the following described boundary: Beginning at Chinook Pass; then north along the Pacific Crest Trail to Naches Pass; then east to USFS Road 19 and continuing to State Highway 410; then west along State Highway 410 to Chinook Pass and point of beginning.

Goat Unit 3-7 Bumping River: Permit Area: GMU 356.

Goat Unit 3-9 Tieton River: Permit Area: GMU 364.

Goat Unit 3-10 Blazed Ridge: Permit Area: Kittitas and Yakima counties within the following described boundary: Beginning at the mouth of Cabin Creek on the Yakima River; then west along Cabin Creek to the headwaters near Snowshoe Butte; then south along the Cascade Crest separating the Green and Yakima river drainage to Pyramid Peak; then southeast along the North Fork, Little Naches, and Naches River to the Yakima River; then north along the Yakima River to the mouth of Cabin Creek and point of beginning.

Goat Unit 4-3 Chowder Ridge: Permit Area: Whatcom County within the following described boundary: Beginning

where Wells Creek intersects the North Fork Nooksack River; then up Wells Creek to Bar Creek; then southwest up Bar Creek to the Mazama Glacier; then continue southwest up Mazama Glacier to the summit of Mt. Baker; then northwest between Roosevelt Glacier and Coleman Glacier to Kulshan Cabin and the headwaters of Kulshan Creek and Grouse Creek to Smith Creek; then north down Smith Creek to Glacier Creek; continue north down Glacier Creek to the North Fork Nooksack River; then east along the North Fork Nooksack River to Wells Creek and the point of beginning.

Goat Unit 4-7 Avalanche Gorge: Permit Area: Whatcom County within the following described boundary: Beginning at the intersection of the Baker Lake Road (USFS Road 394) and Park Creek; then northwest up Park Creek to Park Glacier; then continue ~~((northwest))~~ westerly up Park Glacier to the summit of ~~((Mt.))~~ Mount Baker; then ~~((northeast))~~ northerly down Mazama Glacier to ~~((the 6,500 ft. elevation; then east to the Portals; then continue east along the ridge line to Coleman Pinnacle; then northeast along the Camp Kiser Trail 683 (Ptarmigan Ridge) to the extreme southeast extension of Kulshan Ridge; then due east to the Lake Ann Trail 600; then east along the Lake Ann Trail 600 to the boundary of North Cascades National Park; then south and east along the park boundary to the Baker River and down the Baker River))~~ Bar Creek; then northeast down Bar Creek to the confluence of Wells Creek; then southeast up Wells Creek to waypoint 593106 E 5410010 N (NAD27); then southeast about 1/2 mile to Ptarmigan Ridge Trail 682.1 at waypoint 593674 E 5409462 N; then south and southwest along said trail about 1/2 mile to upper tributary of Swift Creek at waypoint 593425 E 5408803 N; then east and southeast down said tributary to confluence with Swift Creek; then south and southeast down Swift Creek to the Baker Lake Road (USFS Road 394); then west along the Baker Lake Road (USFS Road 394) to Park Creek and the point of beginning.

Goat Unit 4-38 Corral Pass: Permit Area: Pierce County within the following described boundary: Beginning where Goat Creek intersects the Corral Pass Road; then southeast up Goat Creek to the Cascade Crest; then north along the Crest to USFS Trail 1188; then northwest along said trail to USFS Trail 1176; then north along said trail to Corral Pass; then west along Corral Pass Road to its intersection with Goat Creek and the point of beginning.

Goat Unit 5-2 Tatoosh: Permit Area: Lewis County within the following described boundary: Beginning at the junction of the southern Mount Rainier National Park Boundary and State Highway 123; then south along State Highway 123 to U.S. Highway 12; then southwest along said highway to Skate Creek Road (USFS Road 52); then northwest along said road to the junction of Morse Creek Road (old road to Longmire Campground); then north along said road to the Mount Rainier National Park Boundary; then east along the southern park boundary to the point of beginning.

Goat Unit 5-3 Smith Creek: Permit area: Lewis County within the following described boundary: Beginning at the Town of Randle; then east along U.S. Highway 12 to USFS Road 21; then southeast along USFS Road 21 to USFS Road 22; then northeast and northwest along USFS Road 22 to USFS Road 23; then east and northwest on USFS Road 23 to USFS Road 25; then north along USFS Road 25 to Randle and point of beginning.

Goat Unit 5-4 Goat Rocks: Permit Area: Lewis County south of the White Pass Highway (U.S. Highway 12) and east of the Johnson Creek Road (USFS Road 1302).

AMENDATORY SECTION (Amending Order 07-166, filed 8/9/07, effective 9/9/07)

WAC 232-28-295 Landowner hunting permits. A landowner may enter into a contract with the department and

Hunt Name	Quota	Access Season	Special Restrictions	Boundary Description
Buckrun	10	Sept. 1 - Dec. 31	Antlerless Mule Deer or any Whitetail Deer	Buckrun
Buckrun	30	Sept. 1 - Dec. 31	Any deer	Buckrun
Buckrun Raffle	10	Sept. 1 - Dec. 31	Any deer	Buckrun

Deer

((2007)) 2008 Buckrun Special Hunting Permits

Hunters apply to Washington department of fish and wildlife for these permits. Only hunters possessing a modern firearm deer tag are eligible for Buckrun special permits. All hunters must check in and out on hunt day. Schedule hunts in advance by calling 509-345-2577.

Hunt Name	Permit Number	Permit Season	Special Restrictions	Boundary Description
Buckrun	10	Sept. 1 - Dec. 31	Antlerless Mule Deer or any Whitetail Deer	Buckrun

(2) 4-O Cattle Company

The 4-O Cattle Company is located in southwest Asotin County near the Washington/Oregon border. A legal description of the property is in the contract between the 4-O Cattle Company and the department.

((2007)) 2008 4-O Cattle Company Landowner Hunting Permits

The manager of the 4-O Cattle Company will distribute these hunting permits. An access fee may be charged in order to utilize these permits.

Elk

Hunt Name	Quota	Access Season	Special Restrictions	Boundary Description
4-O Cattle Company	((+)) 2	Sept. ((+5-24)) 22-25	Any Bull	4-O Cattle Company

establish boundaries and other requirements for hunter access consistent with commission policy.

Hunters must possess both an access permit from the landowner and a hunting permit from the department when hunting on lands and for species covered under contract.

(1) Buckrun

Buckrun is located in Grant County, near the town of Wilson Creek. A legal description of the property has been filed with the county and is in the contract between Buckrun and the department.

Hunting on Buckrun is managed for a quality experience by scheduling hunt dates and keeping the number of hunters in the field low. Hunters with limited flexibility for hunt dates may experience scheduling problems. Hunters can generally expect one day hunts with written authorization from the Buckrun manager. All hunters must check in and out on hunt day. Schedule hunts in advance by calling 509-345-2577.

Deer

((2007)) 2008 Buckrun Landowner Hunting Permits

The manager of Buckrun will distribute these hunting permits. An access fee may be charged in order to utilize these permits. No access fee will be charged for the raffle permit winners. Only hunters possessing a modern firearm deer tag are eligible for permits on Buckrun properties. Contact the manager at 509-345-2577 for additional information.

Hunt Name	Quota	Access Season	Special Restrictions	Boundary Description
4-O Cattle Company	6	Oct. ((27)) <u>25</u> - ((Nov-4)) <u>28</u>	Spike Bull Only	4-O Cattle Company
4-O Cattle Company - A	((5)) <u>12</u>	Oct. 1- ((7)) <u>4</u>	Antlerless Only	4-O Cattle Company
4-O Cattle Company - B	((10)) <u>6</u>	((Oct. 31 - Nov. 6)) <u>Nov. 22-28</u>	Antlerless Only	4-O Cattle Company
4-O Cattle Company - C	((3)) <u>6</u>	((Nov. 23-30)) <u>Dec. 27 - Jan. 2</u>	Antlerless Only	4-O Cattle Company
((4-O Cattle Company - D	<u>5</u>	<u>Dec. 29 - Jan. 4</u>	Antlerless Only	4-O Cattle Company))

Whitetail Deer

Hunt Name	Quota	Access Season	Special Restrictions	Boundary Description
4-O Cattle Company	1	Nov. ((15-19)) <u>13-17</u>	((Any Whitetail Buck)) <u>White-tailed Deer, 3 pt. min.</u>	4-O Cattle Company

Mule Deer

Hunt Name	Quota	Access Season	Special Restrictions	Boundary Description
4-O Cattle Company	6	Oct. ((13-16)) <u>11-14</u>	((Any)) Mule Deer ((Buck)) <u>3 pt. min.</u>	4-O Cattle Company

~~((2007))~~ 2008 4-O Cattle Company Special Hunting Permits

Hunters apply to the Washington department of fish and wildlife for these permits.

Elk

Hunt Name	Permit Number	Permit Season	Special Restrictions	Boundary Description
4-O Any Bull Elk	1	Sept. 26- ((Oct. 6)) <u>30</u>	Any Bull	4-O Cattle Company
4-O Spike Bull Elk	2	Oct. ((27)) <u>29</u> - Nov. ((4)) <u>2</u>	Spike Bull Only	4-O Cattle Company
4-O Antlerless Elk A	((15)) <u>6</u>	Oct. ((1-7)) <u>5-9</u>	Antlerless Only	4-O Cattle Company
4-O Antlerless Elk B	((10)) <u>5</u>	((Oct. 31 -)) Nov. ((6)) <u>29 - Dec. 5</u>	Antlerless Only	4-O Cattle Company
4-O Antlerless Elk C	((7)) <u>3</u>	((Nov. 23-30)) <u>Dec. 6-12</u>	Antlerless Only	4-O Cattle Company
4-O Antlerless Elk D	((5)) <u>3</u>	Dec. ((1-7)) <u>13-19</u>	Antlerless Only	4-O Cattle Company
4-O Antlerless Elk E	((5)) <u>3</u>	Dec. ((8-14)) <u>20-26</u>	Antlerless Only	4-O Cattle Company
4-O Antlerless Elk F	((5)) <u>3</u>	((Dec. 15-21)) <u>Jan. 3-9</u>	Antlerless Only	4-O Cattle Company
4-O Antlerless Elk G	5	((Dec. 22-28)) <u>Jan. 10-16</u>	Antlerless Only	4-O Cattle Company
4-O Antlerless Elk H	3	((Dec. 29 -)) Jan. ((4)) <u>17-23</u>	Antlerless Only	4-O Cattle Company
4-O Antlerless Elk I	5	Jan. ((12-18)) <u>24-31</u>	Antlerless Only	4-O Cattle Company
((4-O Antlerless Elk J	<u>5</u>	<u>Jan. 26-31</u>	Antlerless Only	4-O Cattle Company))

Whitetail Deer

Hunt Name	Permit Number	Permit Season	Special Restrictions	Boundary Description
4-O White-tailed Buck	1	Nov. ((20-25)) <u>18-23</u>	((Any)) White-tailed Deer ((Buck)) <u>3 pt. min.</u>	4-O Cattle Company

Mule Deer

Hunt Name	Permit Number	Access Season	Special Restrictions	Boundary Description
4-O Mule Deer Buck	2	Oct. ((17-21)) <u>15-19</u>	((Any)) Mule Deer ((Buck)) <u>3 pt. min.</u>	4-O Cattle Company

(3) Silver Dollar Association

The Silver Dollar Association is located in Yakima and Benton counties, on the western edge of the Hanford Reservation. A legal description of the property is in the contract between the Silver Dollar Association and the department.

~~((2007))~~ 2008 Silver Dollar Association Landowner Hunting Permits

The manager of the Silver Dollar Association will distribute these hunting permits. An access fee may be charged in order to utilize these permits.

Elk

Hunt Name	Quota	Access Season	Special Restrictions	Boundary Description
Silver Dollar	24	Aug. 1 - March 31	Any Elk	Silver Dollar
Silver Dollar	((15)) <u>8</u>	Aug. 1 - March 31	Antlerless	Silver Dollar

~~((2007))~~ 2008 Silver Dollar Special Hunting Permits

Hunters apply to the Washington department of fish and wildlife for these permits.

Elk

Hunt Name	Permit Number	Permit Season	Special Restrictions	Boundary Description
Silver Dollar	((6)) <u>8</u>	Aug. 1 - March 31	Youth Only, Any Elk	Silver Dollar
Silver Dollar Antlerless Elk	((12)) <u>6</u>	Aug. 1 - March 31	Youth Only, Antlerless Elk Only	Silver Dollar
((Silver Dollar Any Elk))	<u>2</u>	Aug. 1 - March 31	Persons of Disability Only, Any Elk	Silver Dollar
Silver Dollar Antlerless Elk	((3)) <u>2</u>	Aug. 1 - March 31	Persons of Disability Only, Antlerless Elk Only	Silver Dollar

(4) Blackrock Ranches

Blackrock Ranches is located in Yakima County, west of the Hanford Reservation. A legal description of the property is in the contract between Blackrock Ranches and the department.

~~((2007))~~ 2008 Blackrock Ranches Landowner Hunting Permits

The manager of Blackrock Ranches will distribute these hunting permits. An access fee may be charged in order to utilize these permits.

Elk

Hunt Name	Quota	Access Season	Special Restrictions	Boundary Description
Blackrock Ranches	6	Aug. 1 - March 31	Any Elk	Blackrock Ranches
Blackrock Ranches	((8)) <u>6</u>	Aug. 1 - March 31	Antlerless	Blackrock Ranches

~~((2007))~~ 2008 Blackrock Ranches Special Hunting Permits

Hunters apply to the Washington department of fish and wildlife for these permits.

Elk

Hunt Name	Permit Number	Permit Season	Special Restrictions	Boundary Description
Blackrock Ranches	1	Aug. 1 - March 31	Any Elk	Blackrock Ranches
Blackrock Ranches	((4)) <u>3</u>	Aug. 1 - March 31	Antlerless Only	Blackrock Ranches
Blackrock Ranches	1	Aug. 1 - March 31	Youth Only, Any Elk	Blackrock Ranches
Blackrock Ranches	((4)) <u>3</u>	Aug. 1 - March 31	Youth Only, Antlerless Only	Blackrock Ranches

(5) Teanaway Ranch

The Teanaway Ranch is located in Kittitas County, 7 miles west of Cle Elum. A legal description of the property is in the contract between the Teanaway Ranch and the department.

((2007)) 2008 Teanaway ((Ranch)) Landowner Hunting Permits

The manager of the Teanaway Ranch will distribute this hunting permit. An access fee may be charged in order to utilize this permit.

Elk

Hunt Name	Quota	Access Season	Special Restrictions	Boundary Description
Teanaway Ranch	1	((Aug. 1 - March 31)) Nov. 29 - Jan. 31	Any Bull	Teanaway Ranch

((2007)) 2008 Teanaway ((Ranch)) Special Hunting Permits

Hunters apply to the Washington department of fish and wildlife for this permit.

ELK

Hunt Name	Quota	Access Season	Special Restrictions	Boundary Description
Teanaway Ranch	1	((Aug. 1 - March)) Nov. 29 - Jan. 31	Any Bull	Teanaway Ranch

AMENDATORY SECTION (Amending Order 07-292, filed 12/13/07, effective 1/13/08)

WAC 232-28-337 Deer and elk area descriptions.

ELK AREAS

Elk Area No. 1008 West Wenaha (Columbia County): That part of GMU 169 west of USFS trail 3112 (East Butte Creek Trail) and Butte Creek.

Elk Area No. 1009 East Wenaha (Columbia, Garfield, Asotin counties): That part of GMU 169 east of USFS trail 3112 (East Butte Creek Trail) and Butte Creek.

Elk Area No. 1010 (Columbia County): GMU 162 excluding National Forest land and the Rainwater Wildlife Area.

Elk Area No. 1011 (Columbia County): That part of GMU 162 east of the North Touchet Road, excluding National Forest land.

Elk Area No. 1012 (Columbia County): That part of GMU 162 west of the North Touchet Road, excluding National Forest land and the Rainwater Wildlife Area.

Elk Area No. 1013 (Asotin County): GMU 172, excluding National Forest lands.

Elk Area No. 1014 (Columbia-Garfield counties): That part of GMU 166 Tucannon west of the Tucannon River and USFS Trail No. 3110 (Jelly Spr.-Diamond Pk. Trail).

Elk Area No. 1015 Turnbull (Spokane County): Located in GMU 130, designated areas within the boundaries of Turnbull National Wildlife Refuge.

Elk Area No. 2032 Malaga (Kittitas and Chelan counties): Beginning at the mouth of Davies Canyon on the Columbia River; west along Davies Canyon to the cliffs above (north of) the North Fork Tarpiscan Creek; west and north along the cliffs to the Bonneville Power Line; southwest along the power line to the North Fork Tarpiscan Road in Section 9,

Township 20N, Range 21E; north and west along North Fork Tarpiscan Road to Colockum Pass Road (Section 9, Township 20N, Range 21E); south and west on Colockum Pass Road to section line between Sections 8 & 9; north along the section line between Sections 8 and 9 as well as Sections 4 & 5 (T20N, R21E) & Sections 32 & 33 (T21N, R21E) to Moses Carr Road; west and north on Moses Carr Road to Jump Off Road; south and west on Jump Off Road to Shaller Road; north and west on Shaller Road to Upper Basin Loop Road; north and west on Upper Basin Loop Road to Wheeler Ridge Road; north on Wheeler Ridge Road to the Basin Loop Road (pavement) in Section 10 (T21N, R20E); north on Basin Loop Road to Wenatchee Heights Road; west on Wenatchee Heights Road to Squilchuck Road; south on Squilchuck Road to Beehive Road (USFS Rd 9712); northwest on Beehive Road to USFS Rd 7100 near Beehive Reservoir; north and west on USFS Rd 7100 to Peavine Canyon Road (USFS Rd 7101); north and east on Peavine Canyon Road to Number Two Canyon Road; north on Number Two Canyon Road to Crawford Street in Wenatchee; east on Crawford Street to the Columbia River; south and east along the Columbia River to Davies Canyon and point of beginning. (Naneum Green Dot, Washington Gazetteer, Wenatchee National Forest)

Elk Area No. 2033 Peshastin (Chelan County): Beginning at Crawford Street and the Columbia River in Wenatchee; west on Crawford Street and Number Two Canyon Road to USFS 7101 Road (Peavine Canyon); west on USFS 7101 Road to Mission Creek Road; north on Mission Creek Road to USFS 7104 Road (Sand Creek Road); west on USFS 7104 Road (Sand Creek Road) to Camas Creek; west up Camas Creek to where Camas Creek crosses USFS 7200 Road, T22N, R18E, Section 4; north along USFS 7200 Road to U.S. Highway 97; north on U.S. Highway 97 to USFS 7300 Road (Mountain Home Road); north on the USFS 7300 Road to the Wenatchee River at Leavenworth; down the Wenatchee River and Columbia River to the point of beginning.

Elk Area No. 2051 Tronsen (Chelan County): All of GMU 251 except that portion described as follows: Beginning at the junction of Naneum Ridge Road (WDFW Rd 9) and Ingersol Road (WDFW Rd 1); north and east on Ingersol Road to Colockum Road (WDFW Rd 10); east on Colockum Road and Colockum Creek to the intersection of Colockum Creek and the Columbia River; south on the Columbia River to mouth of Tarpiscan Creek; west up Tarpiscan Creek and Tarpiscan Road (WDFW Rd 14) and North Fork Road (WDFW Rd 10.10) to the intersection of North Fork Road and Colockum Road; southwest on Colockum Road to Naneum Ridge Road; west on Naneum Ridge Road to Ingersol Road and the point of beginning.

Elk Area No. 3068 Klickitat Meadows (Yakima County): Beginning at Darland Mountain, southeast along the main divide between the Diamond Fork drainage and the Ahtanum Creek drainage to the point due west of the headwaters of Reservation Creek (Section 18, T12N, R14E); then along a line due west to Spencer Point (as represented in the DNR 100k map); northeast from Spencer Point to US Forest Service (USFS) Trail 1136; north along USFS Trail 1136 to USFS Trail 615; east on USFS Trail 615 to Darland Mountain and the point of beginning.

Elk Area No. 3681 Ahtanum (Yakima County): That part of GMU 368 beginning at the power line crossing on Ahtanum Creek in T12N, R16E, Section 15; west up Ahtanum Creek to South Fork Ahtanum Creek; southwest up South Fork Ahtanum Creek to its junction with Reservation Creek; southwest up Reservation Creek and the Yakama Indian Reservation boundary to the main divide between the Diamond Fork drainage and Ahtanum Creek drainage; north along the crest of the main divide between the Diamond Fork drainage and the Ahtanum Creek drainage to Darland Mountain; northeast on US Forest Service Trail 615 to US Forest Service Road 1020; northeast on US Forest Service Road 1020 to US Forest Service Road 613; northeast on US Forest Service Road 613 to US Forest Service Trail 1127; northeast on US Forest Service Trail 1127 to US Forest Service Road 1302 (Jump Off Road), southeast of the Jump Off Lookout Station; northeast on US Forest Service Road 1302 (Jump Off Road) to the power line in T14N, R15E, Section 33; southeast along the power line to Ahtanum Creek and the point of beginning.

Elk Area No. 3721 Corral Canyon (Benton and Yakima counties): That part of GMU 372 beginning at the Yakima River Bridge on SR 241 just north of Mabton; north along SR 241 to the Rattlesnake Ridge Road (mile post #19); east on Rattlesnake Ridge Road to the Hanford Reach National Monument's (HRNM) southwest corner boundary; east and south along the HRNM boundary to SR 225; south on SR 225 to the Yakima River Bridge in Benton City; west (upstream) along Yakima River to point of beginning (SR 241 Bridge).

Elk Area No. 3722 Blackrock (Benton and Yakima counties): That part of GMU 372 beginning at southern corner of the Yakima Training Center border on Columbia River, northwest of Priest Rapids Dam; southeast on southern shore of Columbia River (Priest Rapids Lake) to Priest Rapids Dam; east along Columbia River to the Hanford Reach

National Monument's (HRNM) western boundary; south along the HRNM boundary to the Rattlesnake Ridge Road; west on Rattlesnake Ridge Road to SR 241; south on SR 241 to the Yakima River Bridge just north of Mabton; west along Yakima River to SR 823 (Harrison Road) south of town of Pomona; east along SR 823 (Harrison Road) to SR 821; southeast on SR 821 to Firing Center Road at I-82; east on Firing Center Road to main gate of Yakima Training Center; south and east along Yakima Training Center boundary to southern corner of Yakima Training Center boundary on Columbia River and point of beginning.

Elk Area No. 3911 Fairview (Kittitas County): Beginning at the intersection of the BPA Power Lines in T20N, R14E, Section 36 and Interstate 90; east along the power lines to Highway 903 (Salmon La Sac Road); northwest along Highway 903 to Pennsylvania Avenue; northeast along Pennsylvania Avenue to No. 6 Canyon Road; northeast along No. 6 Canyon Road to Cle Elum Ridge Road; north along Cle Elum Ridge Road to Carlson Canyon Road; northeast along Carlson Canyon Road to West Fork Teanaway River; east along West Fork Teanaway River to North Fork Teanaway River; north along North Fork Teanaway River to Teanaway Road; southeast on Teanaway Road to Ballard Hill Road; east on Ballard Hill Rd and Swauk Prairie Road to Hwy 970; northeast on Hwy 970 to Hwy 97; south on Hwy 97 to the power lines in T20N, R17E, Section 34; east on the power lines to Naneum Creek; south on Naneum Creek approximately 1/2 mile to power lines in T19N, R19E, Section 20; east along BPA power lines to Colockum Pass Road in T19N, R20E, Section 16; south on Colockum Pass Road to BPA power lines in T18N, R20E, Section 6; east and south along power lines to Parke Creek; north on Parke Creek to Whiskey Jim Creek; east on Whiskey Jim Creek to Beacon Ridge Road; south on Beacon Ridge Road to the Vantage Highway; east along the Vantage Highway to I-90; west along I-90 to the Yakima Training Center boundary; south and west along the Yakima Training Center boundary to I-82; north on I-82 to Thrall Road; west on Thrall Road to Wilson Creek; south on Wilson Creek to Yakima River; north on Yakima River to gas pipeline crossing in T17N, R18E, Section 25; south and west on the gas pipeline to Umtanum Creek; west on Umtanum Creek to the Durr Road; north on the Durr Road to Umtanum Road; north on Umtanum Road to South Branch Canal; west on South Branch Canal to Bradshaw Road; west on Bradshaw Road to the elk fence; north and west along the elk fence to power line crossing in T19N, R16E, Section 10; west along the power line (south branch) to the Cabin Creek Road; east and north on Cabin Creek Road to Easton and I-90; east on I-90 to point of beginning.

Elk Area No. 3912 Old Naches (Yakima County): Starting at the elk fence and Roza Canal along the south boundary T14N, R19E, Section 8; following the elk fence to the big-horn sheep feeding site in T15N, R16E, Section 36; south on the feeding site access road to the Old Naches Highway; west and south on the Old Naches Highway to State Route 12 and the Naches River; down the Naches River to the Tieton River; up the Tieton River approximately 2 miles to the intersection of the metal footbridge and the elk fence at the south end of the bridge in T14N, R16E, Section 3; south along the

elk fence to the top of the cliff/rimrock line; southwest along the top of the cliff/rimrock line to the irrigation canal in T14N, R16E, Section 9; southwest along the irrigation canal to the elk fence in T14N, R16E, Section 8; south along the elk fence to the township line between T12N, R15E and T12N, R16E; south along the township line to the South Fork Ahtanum Creek; downstream along the South Fork Ahtanum Creek and Ahtanum Creek to the Yakima River; upstream along the Yakima River to Roza Canal and point of beginning.

Elk Area No. 3944 Clemen (Yakima County): That portion of GMU 342 beginning at the junction of Highway 410 and USFS Road 1701 (Big Bald Mountain Road); north to USFS Road 1712; east on USFS Road 1712 (Clemen Ridge Road) to the east edge of Waterworks Canyon; south along the east edge of Waterworks Canyon to the elk fence; west along the elk fence to Highway 410 to the point of beginning.

Elk Area No. 4041 Grandy Creek (Skagit County): Begin at the intersection of CP 190 Road and CP 132 Road (Section 28, T36N, R5E); east along the CP 132 Road to the CP 130 Road; east and south along CP 130 Road to CP 110 Road, west, south and east along CP 110 Road to Childs Creek; south down Childs Creek to State Route 20; east on State Route 20 to Grandy Creek; south down Grandy Creek to the Skagit River; south on a line to South Skagit Hwy; west on South Skagit Hwy to State Route 9; north on State Route 9 to State Route 20; east on State Route 20 to Helmick Road; north on Helmick Road to CP 190 Road to CP 132 Road and the point of beginning. (WA Atlas & Gazetteer & Mt. Baker-Snoqualmie National Forest Map)

Elk Area No. 4941 Skagit River (Skagit County): That portion of GMU 437 beginning at the intersection of State Route 9 and State Route 20; east on State Route 20 to Cape Horn Road NE; south down Cape Horn Road NE to the power line crossing which passes over the Skagit River; east on the power line to the Skagit River; south and west down the Skagit River to Pressentine Creek; south up Pressentine Creek to the South Skagit Highway; west on South Skagit Highway to State Route 9; north on State Route 9 to point of beginning.

Elk Area No. 5029 Toledo (Lewis and Cowlitz counties): Beginning at the Cowlitz River and State Highway 505 junction; east along the Cowlitz River to the Weyerhaeuser 1800 Road; south along Weyerhaeuser 1800 Road to Cedar Creek Road; east along Cedar Creek Road to Due Road; south on Due Road to Weyerhaeuser 1823 Road; south along Weyerhaeuser 1823 Road to the Weyerhaeuser 1945 Road; south along the Weyerhaeuser 1945 Road to the Weyerhaeuser 1900 Road; south along the Weyerhaeuser 1900 Road to the North Fork Toutle River; west along the North Fork Toutle River to the Toutle River; west on the Toutle River to the Cowlitz River; north along the Cowlitz River to the junction of State Highway 505 and the point of beginning.

Elk Area No. 5049 Ethel (Lewis County): That part of GMU 505 beginning at the intersection of Jackson Highway and Highway 12; south along Jackson Highway to Buckley Road; south on Buckley Road to Spencer Road; east on Spen-

cer Road to Fuller Road; north on Fuller Road to Highway 12; east on Highway 12 to Stowell Road; north on Stowell Road to Gore Road; west on Gore Road to Larmon Road; west on Larmon Road to Highway 12; west on Highway 12 to Jackson Highway and point of beginning.

Elk Area No. 5050 Newaukum (Lewis County): That part of GMU 505 beginning at the intersection of Interstate 5 and Highway 12; east on Highway 12 to Larmon Road; east on Larmon Road to Leonard Road; north on Leonard Road through the town of Onalaska to Degler Road; north on Degler Road to Middle Fork Road; east on Middle Fork Road to Beck Road; north on Beck Road to Centralia-Alpha Road; west on Centralia-Alpha Road to Logan Hill Road; south then west on Logan Hill Road to Jackson Highway; south on Jackson Highway to the Newaukum River; west along the Newaukum River to Interstate 5; south on Interstate 5 to Highway 12 and point of beginning.

Elk Area No. 5051 Green Mountain (Cowlitz County): Beginning at the junction of the Cowlitz River and the Toutle River; east along the Toutle River to the North Fork Toutle River; east along the North Fork Toutle River to the Weyerhaeuser 1900 Road; south along the Weyerhaeuser 1900 Road to the Weyerhaeuser 1910 Road; south along the Weyerhaeuser 1910 Road to the Weyerhaeuser 2410 Road; south along the Weyerhaeuser 2410 Road to the Weyerhaeuser 4553 Road; south along the Weyerhaeuser 4553 Road to the Weyerhaeuser 4500 Road; south along the Weyerhaeuser 4500 Road to the Weyerhaeuser 4400 Road; south along the Weyerhaeuser 4400 Road to the Weyerhaeuser 4100 Road; east along the Weyerhaeuser 4100 Road to the Weyerhaeuser 4700 Road; south along the Weyerhaeuser 4700 Road to the Weyerhaeuser 4720 Road; west along the Weyerhaeuser 4720 Road to the Weyerhaeuser 4730 Road; west along the Weyerhaeuser 4730 Road to the Weyerhaeuser 4732 Road; west along the Weyerhaeuser 4732 Road to the Weyerhaeuser 4790 Road; west along the Weyerhaeuser 4790 Road to the Weyerhaeuser 1390 Road; south along the Weyerhaeuser 1390 Road to the Weyerhaeuser 1600 Road; west along the Weyerhaeuser 1600 Road to the Weyerhaeuser Logging Railroad Tracks at Headquarters; west along the Weyerhaeuser Logging Railroad Track to Ostrander Creek; west along Ostrander Creek to the Cowlitz River; north along the Cowlitz River to the Toutle River and point of beginning.

Elk Area No. 5052 Mossyrock (Lewis County): Beginning at the intersection of Winston Creek Road and State Highway 12; east on State Highway 12 to the Cowlitz River; east on the Cowlitz River to Riffe Lake; southeast along the south shore of Riffe Lake to Swofford Pond outlet creek; south on Swofford Pond outlet creek to Green Mountain Road; west on Green Mountain Road to Perkins Road; west on Perkins Road to Longbell Road; south on Longbell Road to Winston Creek Road; north on Winston Creek Road to State Highway 12 and the point of beginning. (All lands owned and managed by the Cowlitz Wildlife Area are excluded from this Elk Area.)

Elk Area No. 5053 Randle (Lewis County): Beginning at the town of Randle and the intersection of U.S. Highway 12 and State Route 131 (Forest Service 23 and 25 roads); south

on State Route 131 to Forest Service 25 Road; south on Forest Service 25 Road to the Cispus River; west along the Cispus River to the Champion 300 line bridge; south and west on the Champion 300 line to the Champion Haul Road; north along the Champion Haul Road to Kosmos Road; north on Kosmos Road to U.S. Highway 12; east on U.S. Highway 12 to Randle and point of beginning. (All lands owned and managed by the Cowlitz Wildlife Area are excluded from this Elk Area.)

Elk Area No. 5054 Boistfort (Lewis County): Beginning at the town of Vader; west along State Highway 506 to the Wildwood Road; north along the Wildwood Road to the Abernathy 500 line gate (Section 20, T11N, R3W, Willamette Meridian); northwest along the 500, 540, and 560 lines to the Weyerhaeuser 813 line; northwest along the 813, 812, 5000J, 5000 and 4000 lines to the Pe Ell/McDonald Road (Section 15, T12N, R4W); west along the Pe Ell/McDonald Road to the Lost Valley Road; northeast along the Lost Valley Road to the Boistfort Road; north along the Boistfort Road to the King Road; east along the King Road to the town of Winlock and State Highway 603; south along Highway 505 to Interstate 5; south along Interstate 5 to State Hwy 506; west along State Hwy 506 to the town of Vader and the point of beginning.

Elk Area No. 5056 Grays River Valley (Wahkiakum County): On or within 3/4 mile of agricultural land in the Grays River Valley within the following sections: T10N, R7W, Sections 8, 9, 17, 18 and T10N, R8W, Sections 13, 23, 24, 26.

Elk Area No. 5057 Carlton (Lewis County): That part of 513 (South Rainier) lying east of Highway 123 and north of Highway 12.

Elk Area No. 5058 West Goat Rocks (Lewis County): Goat Rocks Wilderness west of the Pacific Crest Trail.

Elk Area No. 5059 Mt. Adams Wilderness (Skamania and Yakima counties): The Mt. Adams Wilderness.

Elk Area No. 5060 Merwin (Cowlitz County): Begin at the State Route 503 and the Longview Fibre Road WS-8000 junction; north and west on the Longview Fibre Road WS-8000 to Day Place Road; west on Day Place Road to Dubois Road; south on Dubois Road to State Route 503; east on State Route 503 to the State Route 503 and the Longview Fibre Road WS-8000 junction and point of beginning.

Elk Area No. 5061 Wildwood (Lewis County): Beginning at the junction of the Pacific West Timber (PWT) 600 Road and the Wildwood Road (SE1/4 S29 T11N R3W); southwest on the 600 Road to the 800 Road (NW1/4 S36 T11N R4W); southwest on the 800 Road to the 850 Road (SW1/4 S3 T10N R4W); northwest on the 850 Road to the Weyerhaeuser 4720 Road (S20 T11N R4W); north on the Weyerhaeuser 4720 Road to the Weyerhaeuser 4700 Road (S17 T11N R4W); east on the Weyerhaeuser 4700 Road to the Weyerhaeuser 5822 Road (NW1/4 S16 T11N R4W); east on the Weyerhaeuser 5822 Road to the Weyerhaeuser 5820 Road (NW1/4 S10 T11N R4W); southeast on the Weyerhaeuser 5820 Road to the PWT 574 Road (SE1/4 S10 T11N R4W); south on the

PWT 574 Road to the 570 Road (NW1/4 S14 T11N R4W); south on the 570 Road to the 500 Road (NW1/4 S14 T11N R4W); northeast on the 500 Road to the 560 Road (SW1/4 S12 T11N R4W); east on the 560 Road to the 540 Road (SE1/4 S12 T11N R4W); east and south on the 540 Road to the 500 Road (SE1/4 S18 T11N R3W); east on the PWT 500 Road to the Wildwood Road (N1/2 S20 T11N R3W); south on the Wildwood Road to the point of beginning, the PWT 600 Road junction (SE1/4 S29 T11N R3W).

Elk Area No. 5062 Trout Lake (Klickitat County): Those portions of GMUs 560 (Lewis River) and 578 (West Klickitat) beginning at the intersection of SR 141 and Sunnyside Road; north on Sunnyside Road to Mount Adams Recreational Area Road; north on Mount Adams Recreational Area Road to USFS Road 23; north on USFS Road 23 to DNR T-4300 Road; west on DNR T-4300 Road to Trout Lake Creek Road; south on Trout Lake Creek Road to SR 141; east and south on SR 141 to the intersection of SR 141 and Sunnyside Road to the point of beginning.

Elk Area No. 5063 Pumice Plain (Cowlitz and Skamania counties): That part of GMU 522 beginning at the confluence of the N. Fork Toutle River and Castle Creek; East along the N. Fork Toutle River to USFS trail 207; south along USFS trail 207 to USFS trail 216E; southwest along USFS trail 216E to USFS trail 216; west along USGS trail 216 to USGS 216G; northwest along USFS trail 216G to USGS trail 221; north along USFS 221 to Castle Creek; northwest along Castle Creek to N. Fork Toutle River and point of beginning.

Elk Area No. 5064 Upper Smith Creek (Skamania County): That part of GMU 522 beginning at the U.S. Forest Service Rd. 99 and U.S. Forest Service Trail 225 (Smith Creek Trail) junction; south on Trail 225 to Ape Canyon Creek; south and west up Ape Canyon Creek to U.S. Forest Service Trail 216 (Loowit Trail); north on Trail 216 to U.S. Forest Service Trail 216D (Abraham Trail); north on Trail 216D to U.S. Forest Service Trail 207 (Truman Trail); north and east on Trail 207 to U.S. Forest Service Rd. 99; north and east on U.S. Forest Service Rd. 99 to the junction of U.S. Forest Service Rd. 99 and U.S. Forest Service Trail 225 and the point of beginning.

Elk Area No. 5065 Mount Whittier (Skamania County): That part of GMU 522 beginning at the U.S. Forest Service Trail 1 (Boundary Trail) and U.S. Forest Service Trail 214 (Whittier Ridge Trail) junction; west on the U.S. Forest Service Trail 1 to U.S. Forest Service Trail 230 (Coldwater Trail); north on U.S. Forest Service Trail 230 to U.S. Forest Service Trail 211 (Lakes Trail); east on Trail 211 to U.S. Forest Service Trail 214; south on U.S. Forest Service Trail 214 to the junction of U.S. Forest Service Trail 214 and U.S. Forest Service Trail 1 and the point of beginning.

Elk Area No. 5090 JBH (Wahkiakum County): The mainland portion of the Julia Butler Hansen National Wildlife Refuge, as administered by the U.S. Fish and Wildlife Service as described: Beginning at the junction of State Route 4 and Steamboat Island Slough Road, northwest on Steamboat Island Slough Road to Brooks Slough Road, east on Brooks

Slough Road to State Route 4, south on State Route 4 to Steamboat Slough Road and point of beginning.

Elk Area No. 5099 Mudflow (Cowlitz County): That part of GMU 522 (Loo-wit) that is within the boundary of the St. Helens Wildlife Area.

Elk Area No. 6010 Mallis (Pacific County): That part of GMUs 506, 672, and 673 within one mile either side of State Road 6 between the east end of Elk Prairie Road and the Mallis Landing Road.

Elk Area No. 6011 Centralia Mine (Lewis County): That portion of GMU 667 within Centralia Mine property boundary.

Elk Area No. 6012 Tri Valley (Grays Harbor and Mason counties): Those portions of GMUs 648 (Wynoochee) and 651 (Satsop) within one mile of Brady-Matlock Road from State Highway 12 north to the junction with Schaefer State Park Road (east Satsop Road) and all lands within one mile of Wynoochee Valley Road from State Highway 12 north to the junction with Cougar Smith Road, and all lands within one mile of Wishkah Valley Road from north Aberdeen city limit to ~~((the junction with Wishkah East Hoquiam Road))~~ mile post 16 and all lands within 2 miles north of SR 12 between the Satsop River and Schouweiler and Hurd roads and then a line north from the end of Hurd Road to a point 2 miles north of SR 12.

Elk Area No. 6054 Puyallup River (Pierce County): Beginning at the intersection of the Mount Rainier National Park western boundary and the Nisqually River, west down Nisqually River to mouth of Mashel River; north up Mashel River to SR 161 bridge (Eatonville-LaGrande Rd); north on SR 161 through Eatonville to Orville Rd E (Kapowsin-Eatonville Rd); north on Orville Rd E to Hancock's Kapowsin Tree Farm ownership boundary at the north end of Ohop Lake (Kapowsin and Buckley Tree Farms map); east along Kapowsin Tree Farm boundary to Mount Rainier National Park boundary; south long Mount Rainier National Park boundary to Nisqually River and point of beginning.

Elk Area No. 6061 Twin Satsop Farms (Mason County): That portion of GMU 651 starting at the junction of the Deckerville Road and the Brady-Matlock Road; southwest to the junction with the West Boundary Road; north on West Boundary Road to the Deckerville Road; east on the Deckerville Road to the junction of Brady-Matlock Road and point of beginning. In addition, the area within a circle with a radius of two miles centered on the junction of State Route 108 and the Eich Road.

Elk Area No. 6062 South Bank (Grays Harbor County): That portion of GMU 660 (Minot Peak) described as follows: Beginning at Highway 12 and Wakefield Road Junction (South Elma); south on Wakefield Road, across the Chehalis River to the South Bank Road; southeast on the South Bank Road to Delezene Road; south on the Delezene Road to a point one mile from the South Bank Road; southeast along a line one mile southwest of the South Bank Road to the Oakville-Brooklyn Road; east on the Oakville-Brooklyn

Road to Oakville and Highway 12; northwest on Highway 12 to Wakefield Road to Elma and the point of beginning.

Elk Area No. 6063 (Grays Harbor and Jefferson counties): Private lands within Elk Area 6064 east of Highway 101.

Elk Area No. 6064 Quinault Valley (Grays Harbor and Jefferson counties): That portion of GMU 638 (Quinault) within the Quinault River watershed.

Elk Area No. 6066 Chehalis Valley (Grays Harbor County): That portion of GMU 660 (Minot Peak) beginning at Highway 12 and Highway 107 junction near Montesano; east and south on Highway 12 to Oakville; south on Oakville-Brooklyn Road to a point one mile west of South Bank Road; northwest along a line one mile southwest of South Bank Road to Delezene Road; north along Delezene Road to South Bank Road; northwest along South Bank Road to Wakefield Road; north on Wakefield Road to Chehalis River; west on Chehalis River to Highway 107 bridge; north on Highway 107 to Highway 12 and the point of beginning.

Elk Area No. 6067 North Minot (Grays Harbor County): The portion of GMU 660 (Minot Peak) beginning at the junction on State Route 107 and the Melbourne A-line, on the Melbourne A-line to the Vesta F-line; south on Vesta F-line to Vesta H-line (Vesta Creek Road); south on Vesta Creek Road to the North River Road; south and east on North River Road to the Brooklyn Road; east on Brooklyn Road to the Garrard Creek Road; east and north on Garrard Creek Road to the South Bank Road; east on South Bank to South State Street (Oakville); north on South State Street to U.S. 12; northwest and west on U.S. 12 to State Route 107; south and southwest on SR 107 to the Melbourne A-line and the point of beginning.

Elk Area No. 6068 Willapa (Grays Harbor County): That part of GMU 658 south of SR 105 between the intersection of SR 105 and Hammond Road and the SR 105 bridge over Smith Creek; and within one mile north of SR 105 west from Hammond Road and east of the SR 105 bridge over Smith Creek.

Elk Area No. 6069 Hanaford (Lewis and Thurston counties): That part of GMU 667 (Skookumchuck) beginning at the intersection of Salzer Valley Road and Centralia-Alpha Road; east and north on Salzer Valley Road to Little Hanaford Road; west on Little Hanaford Road to Teitzel Road; north on Teitzel Road to Big Hanaford Road; west on Big Hanaford Road to State Route 507; north on State Route 507 to Skookumchuck Road; east on Skookumchuck Road to the first bridge over the Skookumchuck River; east along the Skookumchuck River to the Skookumchuck Road bridge; east on Skookumchuck Road to the steel tower power line; southwest along the power line to Big Hanaford Road; east and south along Big Hanaford Road to Weyerhaeuser Road E150; east on Weyerhaeuser Road E150 to Weyerhaeuser Road E247; south and west on Weyerhaeuser Road E247 to Weyerhaeuser Road E240; south on Weyerhaeuser Road E240 to North Fork Road; south on North Fork Road to Centralia-Alpha Road; west on Centralia-Alpha Road to Salzer Valley Road and the point of beginning.

Elk Area No. 6071 Dungeness (Clallam County): Portions of GMUs 621 (Olympic) and 624 (Coyle) beginning at the mouth of the Dungeness River; east and south along the coast of the Strait of Juan De Fuca to the mouth of Jimmycome-lately Creek on Sequim Bay; south and west up Jimmycome-lately Creek to Don Schmith Road; north on Don Schmith Road to Palo Alto Road; west and southwest on Palo Alto Road to US Forest Service Road 2880; southwest on US Forest Service Road 2880 to the Dungeness River; north down the Dungeness River to its mouth and the point of beginning.

Elk Area No. 6072 Sol Duc Valley (Clallam County): That portion of GMU 607 (Sol Duc) between the Sol Duc River and Hwy 101 from a point at the Sol Duc River bridge over Hwy 101 approximately 2 miles north of Forks to the westernmost Sol Duc River bridge over Hwy 101 at a point approximately 1 mile east of Lake Pleasant.

Elk Area No. 6073 Clearwater Valley (Jefferson County): That portion of GMU 615 (Clearwater) within one mile of the Clearwater Road from the Quinault Indian Reservation boundary to a point 4 miles to the north.

DEER AREAS

Deer Area No. 1010 (Columbia County): GMU 162 excluding National Forest land and the Rainwater Wildlife Area.

Deer Area No. 1020 Prescott (Columbia and Garfield counties): That portion of GMU 149 between Hwy 261 and Hwy 127.

Deer Area No. 1021 Clarkston (Asotin County): That portion of GMU 178 beginning at the junction of the Highway 12 bridge and Alpowa Creek; east on Highway 12 to Silcott Road; south and east on Silcott Road to Highway 128; southwest on Highway 128 to McGuire Gulch Road; southeast along the bottom of McGuire Gulch to Asotin Creek; east on Asotin Creek to the Snake River; north and west on the Snake River to Alpowa Creek; southwest of Alpowa Creek to the Highway 12 bridge and the point of beginning.

Deer Area No. 1030 Flat Creek (Stevens County): That portion of GMU 105, beginning at the junction of Northport-Flat Creek Rd (Co. 4005) and Bull Hill Rd; north on Bull Hill Rd to USFS Rd 240; north on USFS Rd 240 to USFS Rd 230 (Belshazzar Mtn Rd); east and north on USFS Rd 230 to East Boundary of Colville National Forest at Section 24; north on Forest Boundary to Sheep Creek Rd (USFS 15, Co. 4220); west on Sheep Creek Rd to USFS Rd 170 at Kiel Springs; south on USFS Rd 170 to Lael-Flat Creek Rd (USFS 1520); south on Lael-Flat Creek Rd (USFS 1520, Co. 4181) to Northport-Flat Creek Rd; north on Northport-Flat Creek Rd to Bull Hill Rd junction and point of beginning.

Deer Area No. 1040 Summit Lake (Stevens County): That portion of GMU 105, beginning at the intersection of Sand Creek Rd (Co. 4017) and the Kettle River at the Rock Cut Bridge; north and east on Sand Cr Rd to Lael-Flat Cr Rd (Co. 4181, USFS Churchill Mine Rd, 1520); east on Lael-Flat Cr Rd (Churchill Mine Rd) to intersection with USFS Rd 15 near Fisher Cr; north and east on USFS Rd 15 to USFS Rd 180; north and west on USFS Rd 180 and continue west on

Box Canyon-Deep Creek Rd (USFS Rd 030, Co. 4212) to the intersection of Box Canyon-Deep Creek Rd and the Kettle River; south on the Kettle River to the intersection of Sand Creek Rd and the Kettle River at the Rock Cut Bridge and the point of beginning.

Deer Area No. 2010 Benge (Adams County): That part of GMU 284 beginning at the town of Washtucna; north on SR 261 to Weber Road; east on Weber Road to Bengel Road; north on Bengel Road to Wellsandt Road; east on Wellsandt Road to McCall Road; east on McCall Road to Gering Road; east on Gering Road to Lakin Road; east on Lakin Road to Revere Road; south on Revere Road to Rock Creek; south along Rock Creek to the Palouse River; south and west along the Palouse River to SR 26; west on SR 26 to Washtucna and the point of beginning.

Deer Area No. 2011 Lakeview (Grant County): That part of GMU 272 beginning at the junction of SR 28 and First Avenue in Ephrata; west on First Avenue to Sagebrush Flats Road; west on Sagebrush Flats Road to Davis Canyon Road; north on Davis Canyon Road to E Road NW; north on E Road NW to the Grant-Douglas county line; east along the county line to the point where the county line turns north; from this point continue due east to SR 17; south on SR 17 to SR 28 at Soap Lake; south on SR 28 to the junction with First Avenue in Ephrata and the point of beginning.

Deer Area No. 2012 Methow Valley (Okanogan County): All private land in the Methow Watershed located outside the external boundary of the Okanogan National Forest and north of the following boundary: starting where the Libby Creek Road (County road 1049) intersects the Okanogan National Forest boundary; east on road 1049 to State Hwy 153; north on Hwy 153 to the Old Carlton Road; east on the Old Carlton Road to the Texas Creek Road (County road 1543); east on the Texas Creek Road to the Vintin Road (County road 1552); northeast on the Vintin Road to the Okanogan National Forest boundary.

Deer Area No. 3071 Whitcomb (Benton County): That part of GMU 373 made up by the Whitcomb Unit of the Umatilla National Wildlife Refuge.

Deer Area No. 3072 Paterson (Benton County): That part of GMU 373 made up by the Paterson Unit of the Umatilla National Wildlife Refuge.

Deer Area No. 3682 Ahtanum (Yakima County): That part of GMU 368 beginning at the power line crossing on Ahtanum Creek in T12N, R16E, Section 15; west up Ahtanum Creek to South Fork Ahtanum Creek; southwest up South Fork Ahtanum Creek to its junction with Reservation Creek; southwest up Reservation Creek and the Yakama Indian Reservation boundary to the main divide between the Diamond Fork drainage and Ahtanum Creek drainage; north along the crest of the main divide between the Diamond Fork drainage and the Ahtanum Creek drainage to Darland Mountain; northeast on US Forest Service Trail 615 to US Forest Service Road 1020; northeast on US Forest Service Road 1020 to US Forest Service Road 613; northeast on US Forest Service Road 613 to US Forest Service Trail 1127; northeast on US Forest Service Trail 1127 to US Forest Service Road

1302 (Jump Off Road), southeast of the Jump Off Lookout Station; northeast on US Forest Service Road 1302 (Jump Off Road) to the power line in T14N, R15E, Section 33; southeast along the power line to Ahtanum Creek and the point of beginning.

Deer Area No. 4004 (San Juan County): That part of GMU 410 made up of Shaw Island.

Deer Area No. 4005 (San Juan County): That part of GMU 410 made up of Lopez Island.

Deer Area No. 4006 (San Juan County): That part of GMU 410 made up of Orcas Island.

Deer Area No. 4007 (San Juan County): That part of GMU 410 made up of Decatur Island.

Deer Area No. 4008 (San Juan County): That part of GMU 410 made up of Blakely Island.

Deer Area No. 4009 (Skagit County): That part of GMU 410 made up of Cypress Island.

Deer Area No. 4010 (San Juan County): That part of GMU 410 made up of San Juan Island.

Deer Area No. 4011 (Island County): That part of GMU 410 made up of Camano Island.

Deer Area No. 4012 (Island County): That part of GMU 410 made up of Whidbey Island.

Deer Area No. 4013 (King County): That part of GMU 454 made up of Vashon and Maury islands.

Deer Area No. 6014 (Pierce County): That part of GMU 652 made up of Anderson Island.

Deer Area No. 4926 Guemes (Skagit County): That part of GMU 407 (North Sound) on Guemes Island.

Deer Area No. 3088 High Prairie (Klickitat County): That portion of GMU 388 (Grayback) that is south of SR 142.

AMENDATORY SECTION (Amending Order 06-91, filed 5/8/06, effective 6/8/06)

WAC 232-28-342 2006-07, 2007-08, 2008-09 Small game seasons.

STATEWIDE SEASONS:

FOREST GROUSE (BLUE, RUFFED, AND SPRUCE)

Bag and Possession Limits: Three (3) grouse per day, straight or mixed bag, with a total of nine (9) grouse in possession at any time.

SEASON DATES: Sept. 1 - Dec. 31, 2006, 2007, 2008.

BOBCAT

Bag and Possession Limits: No limit.

SEASON DATES: Sept. 5, 2006 - Mar. 15, 2007; Sept. 4, 2007 - Mar. 15, 2008; Sept. 2, 2008 - Mar. 15, 2009.

RACCOON

Bag and Possession Limits: No limit.

OPEN AREA: Statewide, EXCEPT closed on Long Island within Willapa National Wildlife Refuge.

SEASON DATES: Sept. 5, 2006 - Mar. 15, 2007; Sept. 4, 2007 - Mar. 15, 2008; Sept. 2, 2008 - Mar. 15, 2009.

FOX

Bag and Possession Limits: No limit.

OPEN AREA: Statewide EXCEPT closed within the exterior boundaries of the Mount Baker-Snoqualmie, Okanogan, Wenatchee, and Gifford Pinchot National Forests and GMUs 407 and 410.

SEASON DATES: Sept. 5, 2006 - Mar. 15, 2007; Sept. 4, 2007 - Mar. 15, 2008; Sept. 2, 2008 - Mar. 15, 2009.

COYOTE

Bag and Possession Limits: No limit.

OPEN AREA AND SEASON DATES: Statewide, year round. Coyote may only be killed and/or pursued with hounds during the following period: Sept. 5, 2006 - Mar. 15, 2007; Sept. 4, 2007 - Mar. 15, 2008; Sept. 2, 2008 - Mar. 15, 2009, EXCEPT coyote may be hunted year round with hounds in Grant, Adams, Benton, and Franklin counties.

COTTONTAIL AND SNOWSHOE HARE (OR WASHINGTON HARE)

Bag and Possession Limits: Five (5) cottontails or snowshoe hares per day, with a total of fifteen (15) in possession at any time, straight or mixed bag.

SEASON DATES: Sept. 1, 2006 - Mar. 15, 2007; Sept. 1, 2007 - Mar. 15, 2008; Sept. 1, 2008 - Mar. 15, 2009.

CROWS

Bag and Possession Limits: No limit.

SEASON DATES: Oct. 1, 2006 - Jan. 31, 2007; Oct. 1, 2007 - Jan. 31, 2008; Oct. 1, 2008 - Jan. 31, 2009.

JACKRABBIT

Season closed statewide.

PTARMIGAN, SAGE, AND SHARP-TAILED GROUSE

Season closed statewide.

WILD TURKEY:

YOUTH SEASON

LEGAL BIRD: Gobblers and turkeys with visible beards only.

SEASON DATES: April 7-8, 2007; April 5-6, 2008; April 4-5, 2009.

SPRING SEASON

LEGAL BIRD: Gobblers and turkeys with visible beards only.

SEASON DATES: April 15 - May 31, 2007, 2008, 2009.

BAG LIMIT: The combined spring/youth season limit is three (3) birds. Only two (2) turkeys may be killed in Eastern Washington, except only one (1) may be killed in Chelan.

Kittitas, or Yakima counties. One (1) turkey may be killed per year in Western Washington outside of Klickitat County. Two (2) turkeys may be killed in Klickitat County.

EARLY FALL NORTHEAST BEARDLESS SEASON

LEGAL BIRD: Beardless only.

LEGAL HUNTER: Open to all hunters with a valid turkey tag.

OPEN AREA: GMUs 105-124.

SEASON DATES: Sept. 27 - Oct. 3, 2008.

BAG LIMIT: Two (2) beardless turkeys.

EARLY FALL GENERAL SEASON

LEGAL BIRD: Either sex.

LEGAL HUNTER: Open to all hunters with a valid turkey tag.

OPEN AREA: GMUs 101(~~(-124))~~ and 127-133.

SEASON DATES: Sept. 23 - Oct. 6, 2006; Sept. 22 - Oct. 5, 2007; Sept. 27 - Oct. 3, 2008.

EARLY FALL PERMIT SEASON

LEGAL BIRD: Either sex.

LEGAL HUNTER: All hunters who are selected in the early fall turkey special permit drawing and who possess a valid turkey tag.

OPEN AREA: GMUs (~~(127, 133,))~~ 145-186, 382, 388, 568-578.

SEASON DATES: Sept. 23 - Oct. 6, 2006; Sept. 22 - Oct. 5, 2007; Sept. 27 - Oct. 3, 2008.

Permit Area	Number of Permits
((GMU 127	150
GMU 133	200))
GMUs 149-163	((200)) 300
GMUs 145, 172-186	((400)) 200
GMUs 382, 388, 568-578	75

BAG LIMIT: One (1) turkey during the early fall general and permit hunting seasons combined.

LATE FALL PERMIT SEASON

LEGAL BIRD: Either sex.

LEGAL HUNTER: All hunters who are selected in the special late fall turkey permit drawing and who possess a valid turkey tag.

OPEN AREA: GMUs 101-124.

SEASON DATES: Nov. 20 - Dec. 15, 2006, 2007, 2008.

PERMITS: 800.

BAG LIMIT: One (1) turkey.

HUNTER EDUCATION INSTRUCTOR INCENTIVE PERMITS

LEGAL BIRD: Gobblers and turkeys with visible beards only.

LEGAL HUNTER: Qualified hunter education instructors who are selected through a random drawing. Qualifying hunter education instructors must be certified and have been in active status for a minimum of three consecutive years, inclusive of the year prior to the permit drawing. Instructors who are drawn, accept a permit, and are able to participate in the hunt, will not be eligible for these incentive permits for a period of ten years thereafter.

OPEN AREA: Statewide.

SEASON DATES: April 1 - May 31, 2007, 2008, 2009.

PERMITS: 2.

OFFICIAL HUNTING HOURS(~~(BAG LIMITS))~~ FOR WILD TURKEY:

~~((SPRING SEASON BAG LIMIT: The combined spring season limit is three (3) birds. Only two (2) turkeys may be killed in Eastern Washington, except only one (1) may be killed in Chelan, Kittitas, or Yakima counties. One (1) turkey may be killed per year in Western Washington outside of Klickitat County. Two (2) turkeys may be killed in Klickitat County.~~

~~EARLY FALL SEASON BAG LIMIT: One (1) turkey during the early fall hunting seasons combined.~~

~~LATE FALL PERMIT SEASON BAG LIMIT: One (1) turkey during the late fall permit season.)~~

HUNTING HOURS: One-half hour before sunrise to sunset during spring and fall seasons.

SPECIAL REGULATIONS FOR WILD TURKEY:

1. Turkey season is open for shotgun, archery, and muzzle-loader shotgun.
2. A turkey tag is required for hunting turkey.
3. It is unlawful to use dogs to hunt turkeys.
4. It is unlawful to bait game birds.

EASTERN WASHINGTON SEASONS:

RING-NECKED PHEASANT

Bag and Possession Limits: Three (3) cock pheasants per day, with a total of fifteen (15) cock pheasants in possession at any time.

YOUTH SEASON DATES: Sept. 23 and 24, 2006; Sept. 22 and 23, 2007; Sept. 20 and 21, 2008. Open only to youth hunters accompanied by an adult at least 18 years old.

REGULAR SEASON DATES: Oct. 21, 2006 - Jan 15, 2007; Oct. 20, 2007 - Jan. 21, 2008; Oct. 18, 2008 - Jan. 19, 2009.

The director is authorized to close the pheasant season on an emergency basis as conditions warrant, consistent with RCW 34.05.350 and 77.12.150.

CHUKAR

Bag and Possession Limits: Six (6) chukar per day, with a total of eighteen (18) chukar in possession at any time.

YOUTH SEASON DATES: Sept. 23 and 24, 2006; Sept. 22 and 23, 2007; Sept. 20 and 21, 2008. Open only to youth hunters accompanied by an adult at least 18 years old.

REGULAR SEASON DATES: Oct. 7, 2006 - Jan 15, 2007; Oct. 6, 2007 - Jan. 21, 2008; Oct. 4, 2008 - Jan. 19, 2009.

GRAY (HUNGARIAN) PARTRIDGE

Bag and Possession Limits: Six (6) gray partridges per day, with a total of eighteen (18) gray partridges in possession at any time.

YOUTH SEASON DATES: Sept. 23 and 24, 2006; Sept. 22 and 23, 2007; Sept. 20 and 21, 2008. Open only to youth hunters accompanied by an adult at least 18 years old.

REGULAR SEASON DATES: Oct. 7, 2006 - Jan 15, 2007; Oct. 6, 2007 - Jan. 21, 2008; Oct. 4, 2008 - Jan. 19, 2009.

MOUNTAIN QUAIL

Season closed throughout Eastern Washington.

CALIFORNIA (VALLEY) QUAIL AND NORTHERN BOBWHITE

Bag and Possession Limits: Ten (10) quail per day, with a total of thirty (30) quail in possession at any time, straight or mixed bag.

YOUTH SEASON DATES: Sept. 23 and 24, 2006; Sept. 22 and 23, 2007; Sept. 20 and 21, 2008. Open only to youth hunters accompanied by an adult at least 18 years old.

REGULAR SEASON DATES: Oct. 7, 2006 - Jan 15, 2007; Oct. 6, 2007 - Jan. 21, 2008; Oct. 4, 2008 - Jan. 19, 2009.

WESTERN WASHINGTON SEASONS:

RING-NECKED PHEASANT

Bag and Possession Limits: Two (2) pheasants of either sex per day, with a total of fifteen (15) pheasants in possession at any time.

YOUTH SEASON DATES: Sept. 23 and 24, 2006; Sept. 22 and 23, 2007; Sept. 20 and 21, 2008. Open only to youth hunters accompanied by an adult at least 18 years old.

HUNTERS SIXTY-FIVE YEARS OF AGE OR OLDER SEASON DATES: Sept. 25-29, 2006; Sept. 24-28 - 2007; Sept. 22-26, 2008.

REGULAR SEASON DATES: Sept. 30 - Nov. 30, 2006; Sept. 29 - Nov. 30, 2007; Sept. 27 - Nov. 30, 2008. 8 a.m. to 4 p.m.; EXCEPT Dungeness Recreation Area Site (Clallam County) starting Oct. 7, 2006; Oct. 6, 2007; Oct. 4, 2008.

EXTENDED SEASON DATES: Dec. 1-15, 2006, 2007, 2008. 8 a.m. to 4 p.m. only on the following release sites: Belfair, Fort Lewis, Kosmos, Lincoln Creek, Scatter Creek, Skookumchuck, and all Whidbey Island release sites EXCEPT Bayview. Pheasants will not be released during the extended season.

A Western Washington Pheasant Permit is required to hunt pheasant in Western Washington, in addition to a current small game hunting license. Pheasant kills must be recorded. Upon taking a pheasant, the holder of a Western Washington Pheasant Permit must immediately enter on the corresponding space the date and location of kill.

There are three license options available:

(1) Full Season Option: Allows the harvest of eight (8) pheasants.

(2) Youth Option: Allows the harvest of eight (8) pheasants by youth hunters.

(3) 3-Day Option: Allows the harvest of four (4) pheasants harvested over three consecutive days.

Every person possessing a Western Washington Pheasant Permit must, by December 31, return the permit to the department of fish and wildlife. The number of permits purchased per year is not limited.

A hunter shall select one valid option at the time they purchase their Western Washington Pheasant Permit. It is unlawful to purchase an additional permit until the pheasants allowed on the current permit are taken.

SPECIAL RESTRICTION: Western Washington pheasant hunters must choose to hunt on either odd-numbered or even-numbered weekend days from 8:00 - 10:00 a.m. at all units of Lake Terrell, Tennant Lake, Snoqualmie, Skagit, Skookumchuck, and Scatter Creek Wildlife Areas, all hunting sites on Whidbey Island, and at the Dungeness Recreation Area, and must indicate their choice on the Western Washington Pheasant Permit by choosing "odd" or "even." Hunters who select the three day option, hunters 65 years of age or older, and youth hunters may hunt during either weekend day morning. Youth hunters must be accompanied by an adult at least 18 years old who must have an appropriately marked pheasant permit if hunting.

MOUNTAIN QUAIL

Bag and Possession Limits: Two (2) mountain quail per day, with a total of four (4) mountain quail in possession at any time.

SEASON DATES: Oct. 7 - Nov. 30, 2006; Oct. 6 - Nov. 30, 2007; Oct. 4 - Nov. 30, 2008.

CALIFORNIA (VALLEY) QUAIL AND NORTHERN BOBWHITE

Bag and Possession Limits: Ten (10) California (valley) quail or northern bobwhite per day, with a total of thirty (30) California (valley) quail or northern bobwhite in possession at any time, straight or mixed bag.

SEASON DATES: Oct. 7 - Nov. 30, 2006; Oct. 6 - Nov. 30, 2007; Oct. 4 - Nov. 30, 2008.

FALCONRY SEASONS:

UPLAND GAME BIRD AND FOREST GROUSE - FALCONRY

Bag and Possession Limits: Two (2) pheasants (either sex), six (6) partridge, five (5) California (valley) quail or northern bobwhite, two (2) mountain quail (in Western Washington only), and three (3) forest grouse (blue, ruffed, spruce) per day. Possession limit is twice the daily bag limit.

OPEN AREA: Statewide.

SEASON DATES: Aug. 1, 2006 - Mar. 15, 2007; Aug. 1, 2007 - Mar. 15, 2008; Aug. 1, 2008 - Mar. 15, 2009.

TURKEY - FALCONRY

A turkey tag is required to hunt turkey during the turkey falconry season.

Bag and Possession Limits: One (1) turkey (either sex) per turkey tag with a maximum of two (2) turkeys. Possession limit: Two (2).

OPEN AREA: Eastern Washington.

SEASON DATES: Sept. 1, 2006 - Feb. 15, 2007; Sept. 1, 2007 - Feb. 15, 2008; Sept. 1, 2008 - Feb. 15, 2009.

MOURNING DOVE - FALCONRY

Bag and Possession Limits: Three (3) mourning doves per day straight bag or mixed bag with snipe, coots, ducks, and geese during established seasons. Possession limit is twice the daily limit.

OPEN AREA: Statewide.

SEASON DATES: Sept. 1-~~(15 and Oct. 1)~~ Dec. ~~((34))~~ 16, 2006, 2007, 2008.

COTTONTAIL AND SNOWSHOE HARE - FALCONRY

Bag and Possession Limits: Five (5) cottontails or snowshoe hares per day, straight or mixed bag. Possession limit: Fifteen (15).

OPEN AREA: Statewide.

SEASON DATES: Aug. 1, 2006 - Mar. 15, 2007; Aug. 1, 2007 - Mar. 15, 2008; Aug. 1, 2008 - Mar. 15, 2009.

OTHER SEASONS:**CANADA GOOSE SEPTEMBER SEASON**

Bag and Possession Limits: Western Washington, except Cowlitz and Wahkiakum counties and that part of Clark County north of the Washougal River: Five (5) Canada geese per day with a total of ten (10) in possession at any time.

Cowlitz and Wahkiakum counties and that part of Clark County north of the Washougal River: Three (3) Canada geese per day with a total of six (6) in possession at any time.

Eastern Washington: Three (3) Canada geese per day with a total of six (6) in possession at any time.

WESTERN WASHINGTON SEASON DATES: Sept. 9-14, 2006; Sept. 8-13, 2007; Sept. 6-11, 2008. EXCEPT Pacific ~~((and Grays Harbor counties))~~ County: Sept. 1-15, 2006, 2007, and 2008.

EASTERN WASHINGTON SEASON DATES: Sept. 9-10, 2006; Sept. 8-9, 2007; Sept. 6-7, 2008.

MOURNING DOVE

Bag and Possession Limits: Ten (10) mourning doves per day with a total of twenty (20) mourning doves in possession at any time.

OPEN AREA: Statewide.

SEASON DATES: Sept. 1-~~((15))~~ 30, 2006, 2007, 2008.

HIP REQUIREMENTS:

All hunters age 16 and over of migratory game birds (duck, goose, coot, snipe, mourning dove) are required to complete a Harvest Information Program (HIP) survey at a license dealer, and possess a Washington Migratory Bird validation as evidence of compliance with this requirement when hunting migratory game birds. Youth hunters are required to complete a HIP survey, and possess a free Washington Youth Migratory Bird validation as evidence of compliance with this requirement when hunting migratory game birds.

BAND-TAILED PIGEON

Bag and Possession Limits: Two (2) band-tailed pigeons per day with a total of four (4) band-tailed pigeons in possession at one time.

OPEN AREA: Statewide.

SEASON DATES: Sept. 15-23, 2006, 2007, 2008.

WRITTEN AUTHORIZATION REQUIRED TO HUNT BAND-TAILED PIGEONS.

All persons hunting band-tailed pigeons in this season are required to obtain a written authorization and harvest report from the Washington department of fish and wildlife. Application forms must be delivered to a department of fish and wildlife office no later than August 25 or postmarked on or before August 25 in order for applicants to be mailed an authorization before the season starts. Immediately after taking a band-tailed pigeon into possession, hunters must record in ink the information required on the harvest report. By October 15, hunters must return the harvest report to a department of fish and wildlife office, or report harvest information on the department's internet reporting system. Hunters failing to comply with reporting requirements will be ineligible to participate in the following band-tailed pigeon season.

BIRD DOG TRAINING SEASON

Wild upland game birds may be pursued during the dog-training season, but may not be killed except during established hunting seasons. A small game license is required to train dogs on wild game birds. A small game license and a Western Washington Pheasant Permit is required to train dogs on pheasants in Western Washington. Captive raised game birds may be released and killed during dog training if proof of lawful acquisition (invoices) are in possession and the birds are appropriately marked (WAC 232-12-271 and 232-12-044).

OPEN AREA: Statewide.

SEASON DATES: Aug. 1, 2006 - Mar. 31, 2007; Aug. 1, 2007 - Mar. 31, 2008; Aug. 1, 2008 - Mar. 31, 2009.

Only youth and seniors may train dogs during their respective seasons on designated Western Washington pheasant release sites.

Bird dog training may be conducted year round on areas posted for bird dog training on portions of: Region One - Espanola (T24N, R40E, E 1/2 of section 16); Region Three - South L. T. Murray Wildlife Area; Region Four - Skagit

Wildlife Area, Lake Terrell Wildlife Area, and Snoqualmie Wildlife Area; Region Five - Shillapoo/Vancouver Lake Wildlife Area; Region Six - Scatter Creek Wildlife Area, Fort Lewis Military Base.

HOUND HUNTING DURING DEER AND ELK HUNTING SEASONS

It is unlawful to hunt any wildlife at night or wild animals with dogs (hounds) during the months of September, October, or November in any area open to a modern firearm deer or elk season. The use of hounds to hunt black bear, cougar (EXCEPT by public safety cougar removal permit (WAC 232-12-243) or a commission authorized hound permit (WAC 232-28-285)), and bobcat is prohibited year round.

YAKAMA INDIAN RESERVATION:

The 2006-07, 2007-08, 2008-09 upland bird seasons within the Yakama Indian Reservation shall be the same as the season established by the Yakama Indian Nation.

COLVILLE INDIAN RESERVATION:

The 2006-07, 2007-08, 2008-09 upland bird seasons within the Colville Indian Reservation shall be the same as the season established by the Colville Indian Tribe.

AMENDATORY SECTION (Amending Order 07-62, filed 5/3/07, effective 6/3/07)

WAC 232-28-351 2006-2008 Deer general seasons and definitions.

Bag Limit: One (1) deer per hunter during the license year except where otherwise permitted by Fish and Wildlife Commission rule.

Hunting Method: Hunters must select one of the hunting methods (modern firearm, archery, muzzleloader).

Any Buck Deer Seasons: Open only to the taking of deer with visible antlers (buck fawns illegal).

Antler Point: To qualify as an antler point, the point must be at least one inch long measured on the longest side.

Antler Restrictions: APPLIES TO ALL HUNTERS DURING ANY GENERAL SEASON AND DESIGNATED SPECIAL PERMIT SEASONS! Buck deer taken in antler restricted GMUs must meet minimum antler point requirements. Minimum antler point requirements are antler points on one side only. Eye guards are antler points when they are at least one inch long.

2 Point minimum GMUs: 437, 574, 578, 636, 654, and 681.

3 Point minimum GMUs: All mule deer in 100, 200, and 300 series GMUs; white-tailed deer in GMUs 127, 130, 133, 136, 139, 142, 145, 149, 154, 162, 163, 166, 169, 172, 175, 178, 181, and 186.

Permit Only Units: The following GMUs require a special permit to hunt deer: 290 (Desert), 329 (Quilomene), 371 (Alkali), and 485 (Green River).

GMUs Closed to Deer Hunting: 157 (Mill Creek Watershed), 490 (Cedar River), and 522 (Loo-wit).

Black-tailed Deer: Any member of black-tailed/mule deer (species *Odocoileus hemionus*) found west of a line drawn from the Canadian border south on the Pacific Crest Trail and along the Yakama Indian Reservation boundary in Yakima County to Klickitat County; in Klickitat County along the Yakama Indian Reservation boundary to Summit Creek Rd; southwest on Summit Creek Rd to the Glenwood-Goldendale Highway; northwest on the Glenwood-Goldendale Highway to Lakeside Rd; south on Lakeside Rd to Fisher Hill Rd (P-2000); south on Fisher Hill Rd to Fisher Hill bridge crossing Klickitat River; southwest down Klickitat River to the Columbia River.

Mule Deer: Any member of black-tailed/mule deer (species *Odocoileus hemionus*) found east of a line drawn from the Canadian border south on the Pacific Crest Trail and along the Yakama Indian Reservation boundary in Yakima County to Klickitat County; in Klickitat County along the Yakama Indian Reservation boundary to Summit Creek Rd; southwest on Summit Creek Rd to the Glenwood-Goldendale Highway; northwest on the Glenwood-Goldendale Highway to Lakeside Rd; south on Lakeside Rd to Fisher Hill Rd (P-2000); south on Fisher Hill Rd to Fisher Hill bridge crossing Klickitat River; southwest down Klickitat River to the Columbia River.

White-tailed Deer: Means any white-tailed deer (member of the species *Odocoileus virginianus*) except the Columbian whitetail deer (species *Odocoileus virginianus leucurus*).

MODERN FIREARM DEER SEASONS

License Required: A valid big game hunting license, which includes a deer species option.

Tag Required: Valid modern firearm deer tag on his/her person for the area hunted.

Hunting Method: Modern firearm deer tag hunters may use rifle, handgun, shotgun, bow or muzzleloader, but only during modern firearm seasons.

Hunt Season	2006 Dates	2007 Dates	2008 Dates	Game Management Units (GMUs)	Legal Deer
HIGH BUCK HUNTS					
	Sept. 15-25	Sept. 15-25	Sept. 15-25	Alpine Lakes, Glacier Peak, Pasayten, Olympic Peninsula, and Henry Jackson Wilderness Areas and Lake Chelan Recreation Area	3 pt. min.
GENERAL SEASON HUNTS					
Western Washington Blacktail Deer	Oct. 14-31	Oct. 13-31	Oct. 11-31	407, 418, 426, 448 through 466, 501 through 520, 524 through 556, 560, 568, 572, 601 through 633, 638 through 653, 658 through 673, 684	Any buck

Hunt Season	2006 Dates	2007 Dates	2008 Dates	Game Management Units (GMUs)	Legal Deer
				GMUs 410, 564, Deer Areas 4013, 4926, and 6014	Any deer
				437, 574, 578, 636, 654, 681	2 pt. min.
Eastern Washington Whitetail Deer	Oct. 14-27	Oct. 13-26	Oct. 11-24	105 through 124	Any whitetail buck
	Oct. 14-22	Oct. 13-21	Oct. 11-19	All 200 and 300 series GMUs except permit-only in 290, 329, and 371	Any whitetail buck
	Oct. 14-29	Oct. 13-28	Oct. 11-26	101, 204	Any whitetail buck
	Oct. 14-22	Oct. 13-21	Oct. 11-19	127 through 154, 162 through 186	Whitetail, 3 pt. min.
			379	Any white-tailed deer	
Eastern Washington Mule Deer	Oct. 14-22	Oct. 13-21	Oct. 11-19	All 100, 200, and 300 series GMUs, except permit only in GMUs 290, 329, and 371, and closed in GMU 157	Mule deer, 3 pt. min.
				379	Any mule deer
	Oct. 14-27	Oct. 13-26	Oct. 11-24	373, 382, 388	Mule deer, 3 pt. min.
LATE BUCK HUNTS					
Western Washington Blacktail Deer	Nov. 16-19	Nov. 15-18	Nov. 13-16	407, 410, 454, 466, and 500, and 600 series GMUs except closed in GMUs 522, 574, and 578	Any buck except 2 pt. min. in GMUs 636, 654, and 681
	Nov. 16-19	Nov. 15-18	Nov. 13-16	GMUs 410 and 564, Deer Areas 4013, 4926, 6014	Any deer
Eastern Washington Whitetail Deer	Nov. 6-19	Nov. 5-19	Nov. 3-19	105 through 124	Any whitetail buck
YOUTH & DISABLED HUNTERS					
Eastern Washington Whitetail Deer	Oct. 28 - Nov. 5	Oct. 27 - Nov. 4	Oct. 25 - Nov. 2	105 through 124	Whitetail, antlerless only
HUNTERS 65 AND OVER, DISABLED, OR YOUTH SEASONS					
Eastern Washington Whitetail Deer	Oct. 14-27 & Nov. 6-19	Oct. 13-26 & Nov. 5-19	Oct. 11-24 & Nov. 3-19	105 through 124	Any whitetail deer
	Oct. 14-29	Oct. 13-28	Oct. 11-26	101	Any whitetail deer
	Oct. 14-22	Oct. 13-21	Oct. 11-19	127 through 142, 145 through 154, ((+62)) Deer Area 1010, and 172 through 181	Whitetail, 3 pt. min. or antlerless
((ADVANCED)) MASTER HUNTER ((EDUCATION (AHE) MASTER HUNTER)) SEASON					
Eastern Washington Whitetail Deer	Dec. 9-15	Dec. 9-15	Dec. 9-15	GMUs 130-142	Whitetail, antlerless only

ARCHERY DEER SEASONS

License Required: A valid big game hunting license, which includes a deer species option.

Tag Required: Valid archery deer tag on his/her person for the area hunted.

Special Notes: Archery tag holders can only hunt during archery seasons with archery equipment (WAC 232-12-054).

Hunt Area	2006 Dates	2007 Dates	2008 Dates	Game Management Units (GMUs)	Legal Deer
Early Archery Deer Seasons					
Western Washington Blacktail Deer	Sept. 1-30	Sept. 1-30	Sept. 1-30	407 through 426, 448 through 466, 501 through 520, 524 through 556, 560, 564, 568, 572, 601 through 633, 638 through 653, 658 through 673, 684 and 699	Any Deer, except buck only in GMUs 460, 503, 506, 530, 550, 673
				437, 574, 578, 636, 654, 681	2 pt. min. or antlerless
Eastern Washington Mule Deer	Sept. 1-30	Sept. 1-30	Sept. 1-30	105 through 127, 162, 163, 166, 169, 243, 328, 334 through 340, 346 through 368	3 pt. min.
				142 through 154, and 172 through 186, Deer Area 1010, 244 through 247, 249 through 251, 260, 372, 373, 388	3 pt. min. or antlerless
				379, 381	Any mule deer
	Sept. 1-15	Sept. 1-15	Sept. 1-15	101, 130 through 139, 204 through 242, 248, 254, 262, 266, 269, 272, 278, 284, 382	3 pt. min.
Sept. 16-30	Sept. 16-30	Sept. 16-30	101, 130 through 139, 204 through 242, 248, 254, 262, 266, 269, 272, 278, 284, 382	3 pt. min. or antlerless	

Hunt Area	2006 Dates	2007 Dates	2008 Dates	Game Management Units (GMUs)	Legal Deer
Eastern Washington Whitetail Deer	Sept. 1-30	Sept. 1-30	Sept. 1-30	101 through 124, 204 through 284, 379, 381	Any whitetail deer
				127 through 154, 162 through 186	Whitetail, 3 pt. min. or antlerless
Late Archery Deer Seasons					
Western Washington Blacktail Deer	Nov. 22 - Dec. 8	Nov. 21 - Dec. 8	Nov. 19 - Dec. 8	437, 654	2 pt. min. or antlerless
	Nov. 22 - Dec. 15	Nov. 21 - Dec. 15	Nov. 19 - Dec. 15	636, 681	2 pt. min. or antlerless
	Nov. 22 - Dec. 15	Nov. 21 - Dec. 15	Nov. 19 - Dec. 15	466, 510 through 520, 524, 556, 601, 607 through 618, 638, 648, and 699	Any deer
	Nov. 22 - Dec. 15	Nov. 21 - Dec. 15	Nov. 19 - Dec. 15	460, 506, 530, 560, 572	Buck only
	Nov. 22 - Dec. 31	Nov. 21 - Dec. 31	Nov. 19 - Dec. 31	407, 410, 454, 505, 564, 603, 624, 627, 642, 652, 660 through 672	Any deer
Eastern Washington Mule Deer	Nov. 20 - Dec. 8	Nov. 20 - Dec. 8	Nov. 20 - Dec. 8	209, 215, 233, 243, 346, 352, 364, ((368)) Deer Area 3682	3 pt. min.
				145, 163, 178, 250	3 pt. min. or antlerless
				272, 278, 373, 381, 388	3 pt. min. or antlerless
	Nov. 20-30	Nov. 20-30	Nov. 20-30	133, 136	Antlerless
	Dec. 9-31	Dec. 9-31	Dec. 9-31	((Deer)) Deer Area 1021	3 pt. min. or antlerless
Eastern Washington Whitetail Deer	Nov. 10 - Dec. 15	Nov. 10 - Dec. 15	Nov. 10 - Dec. 15	101	Any whitetail deer
	Nov. 20 - Dec. 15	Nov. 20 - Dec. 15	Nov. 20 - Dec. 15	105, 108, 117, 121, 124	Any whitetail deer
				127	3 pt. min. or antlerless whitetail
	Nov. 20 - Dec. 8	Nov. 20 - Dec. 8	Nov. 20 - Dec. 8	145, 163, 178	3 pt. min. or antlerless whitetail
				204, 209, 215, 233, 243, 250, 272, 278	Any whitetail deer
Nov. 20-30	Nov. 20-30	Nov. 20-30	133, 136	Antlerless	

MUZZLELOADER DEER SEASONS

License Required: A valid big game hunting license, which includes a deer species option.

Tag Required: Valid muzzleloader deer tag on his/her person for the area hunted.

Hunting Method: Muzzleloader only.

Special Notes: Muzzleloader tag holders can only hunt during muzzleloader seasons and must hunt with muzzleloader equipment.

Hunt Area	2006 Dates	2007 Dates	2008 Dates	Game Management Units (GMUs)	Legal Deer
High Buck Hunts	Sept. 15-25	Sept. 15-25	Sept. 15-25	Alpine Lakes, Glacier Peak, Pasayten, Olympic Peninsula, and Henry Jackson Wilderness areas, and Lake Chelan Recreation Area	3 pt. min.
Early Muzzleloader Deer Seasons					
Western Washington Blacktail Deer	Oct. 7-13	Oct. 6-12	Oct. 4-10	407, 418, 426, 448, 450, 501, 504, 505, 513, 520, 530, 554, 568, 603, 612, 624, 638, 642, 660, 663, 672, 673, 684	Any buck
				410, 454, 564, 627, 652, 666, Deer Area 4926	Any deer
				437, 578	2 pt. min.
Eastern Washington Whitetail Deer	Oct. 7-13	Oct. 6-12	Oct. 4-10	204, 209, 233, 239, 242, 243, 244, 245, 246, 250, 251, 278, 284	Whitetail, any buck
				133, 142, 145, 149, 181, 381	Whitetail, 3 pt. min. or antlerless
				101 through 124, 379	Whitetail, any deer
Eastern Washington Mule Deer	Oct. 7-13	Oct. 6-12	Oct. 4-10	101 through 124, 133, 142, 145, 149, 181, 204, 209, 233, 239, 242, 243, 244, 245, 246, 250, 251, 284, 328, 330 through 342, 352 through 360, 368, 382	Mule deer, 3 pt. min.
				278, 381	Mule deer, 3 pt. min. or antlerless
				379	Any mule deer
Late Muzzleloader Deer Seasons					
Western Washington Blacktail Deer	Nov. 22 - Dec. 15	Nov. 21 - Dec. 15	Nov. 19 - Dec. 15	407, 410, 501, 504, 564, 633, 666, 684, and Deer Area 4926	Any deer
				654	2 pt. min.
				460, 550, 602	Any buck
		Nov. 21 - Dec. 6	Nov. 19 - Dec. 6	651, 673	Any buck

Hunt Area	2006 Dates	2007 Dates	2008 Dates	Game Management Units (GMUs)	Legal Deer
		Dec. 7 - 15	Dec. 7 - 15	651, 673	Any deer
	Dec. 1-15	Dec. 1-15	Dec. 1-15	578	2 pt. min.
Eastern Washington Whitetail Deer	Nov. 20 - Dec. 8	Nov. 20 - Dec. 8	Nov. 20 - Dec. 8	113, 379	Whitetail, any deer
				172, 181	Whitetail, 3 pt. min. or antlerless
	Nov. 20-30	Nov. 20-30	Nov. 20-30	130, 139	Whitetail, 3 pt. min. or antlerless
Eastern Washington Mule Deer	Nov. 20-30	Nov. 20-30	Nov. 20-30	382	3 pt. min.
				130	Antlerless
	Nov. 20 - Dec. 8	Nov. 20 - Dec. 8	Nov. 20 - Dec. 8	379	Any mule deer

AMENDATORY SECTION (Amending Order 07-62, filed 5/3/07, effective 6/3/07)

WAC 232-28-352 2006-2008 Elk general seasons and definitions.

Bag Limit: One (1) elk per hunter during the license year except where otherwise permitted by fish and wildlife commission rule. Any combination of seasons, tags, and permits set by the fish and wildlife commission will not exceed a maximum of two (2) elk per hunter during the license year.

Hunting Method: Elk hunters must select only one of the hunting methods (modern firearm, archery, or muzzleloader).

Elk Tag Areas: Elk hunters must choose either Eastern or Western Washington to hunt in and buy the appropriate tag for that area.

Any Bull Elk Seasons: Open only to the taking of elk with visible antlers (bull calves are illegal).

Antler Point: To qualify as an antler point, the point must be at least one inch long measured on the longest side.

Spike Bull Antler Restrictions: Bull elk taken in spike only GMUs must have at least one antler with only one antler point above the ear. An animal with more than one antler point above the ears on both antlers is illegal.

Spike Only GMUs: 145-154, 162-186, 249, 251, 328, 329, and 335-368.

3 Point Antler Restrictions: Legal bull elk must have at least 3 antler points on one side with at least 2 antler points above the ear. Eye guards are antler points when they are at least one inch long. Antler restrictions apply to all hunters during any open season.

Hunt Area	Elk Tag Area	Game Management Units (GMUs)	2006 Dates	2007 Dates	2008 Dates	Legal Elk
Eastern Washington	EF	111, 113, 117	Oct. 28 - Nov. 5	Oct. 27 - Nov. 4	Oct. 25 - Nov. 2	Any bull
		145 through 154, 162 through 186, 249, 251, 328, 329, 335 through 368	Oct. 28 - Nov. 5	Oct. 27 - Nov. 4	Oct. 25 - Nov. 2	Spike bull
		Elk Area 3722*	Sept. 9-22	Sept. 8-21	Sept. 6-19	Antlerless

3 Point GMUs: All of Western Washington except for GMUs 454, 564, 568, 574, 578, 652 for archers, 666, 684, and Elk Area 4941.

Permit Only Units: The following GMUs are closed during general seasons: 157, 371, 418, 485, 522, 524, 556, 621, 636, 653, and Elk Area 3068.

GMUs Closed to Elk Hunting: 437 (except for Elk Area 4941), and 490.

Elk Tag Areas

Eastern Washington: All 100, 200, and 300 GMUs except permit only for all hunters in GMUs 157 and 371. Modern firearms are restricted in GMU 334.

EA - Eastern Washington Archery Tag

EF - Eastern Washington Modern Firearm General Elk Tag

EM - Eastern Washington Muzzleloader Tag

Western Washington: All 400, 500, and 600 GMUs except closed in GMUs 418, 437 (except for Elk Area 4941), 490, and modern firearm restrictions in portions of GMU 660. GMU 554 is open only for early archery and muzzleloader seasons. Elk Area 6064 in GMU 638 (Quinalt) is open to ((AHE)) master hunters only. Elk hunting by permit only in GMUs 485, 522, 524, 556, 621, and 636.

WA - Western Washington Archery Tag

WF - Western Washington Modern Firearm General Elk Tag

WM - Western Washington Muzzleloader Tag

Modern Firearm Elk Seasons

License Required: A valid big game hunting license with an elk tag option.

Tag Required: Valid modern firearm elk tag as listed below on his/her person for the area hunted.

Hunting Method: May use modern firearm, bow and arrow, or muzzleloader, but only during modern firearm seasons.

Hunt Area	Elk Tag Area	Game Management Units (GMUs)	2006 Dates	2007 Dates	2008 Dates	Legal Elk
		101, 105, 108, 121 through 142, 372, 382, 388	Oct. 28 - Nov. 5	Oct. 27 - Nov. 4	Oct. 25 - Nov. 2	Any elk
		127-142 ((AHE)) master hunters only	Dec. 9-31	Dec. 9-31	Dec. 9-31	Any elk
		203 through 248, 250, 254 through 290, 373, 379, 381 except closed within 1/2 mile of the Columbia River in Douglas and Grant counties	Oct. 28 - Nov. 15	Oct. 27 - Nov. 15	Oct. 25 - Nov. 15	Any elk
		371, Elk Areas 3911((**)) and 3912 ((AHE)) master hunters only	Aug. 1 - Jan. 30	Aug. 1 - Jan. 30	Aug. 1 - Jan. ((30)) <u>20</u> , <u>2009</u>	Antlerless only
		<u>Elk Area 3911** master hunters only, 2nd tag</u>			<u>Aug. 1 - Oct. 24</u>	<u>Antlerless only</u>
<p>*GMU 372 and Elk Area 3722 are mainly private property, hunters are not advised to try hunting these areas without making prior arrangements for access.</p> <p>**((Advanced Hunter Education)) Master Hunters who hunt in Elk Area 3911 may purchase ((an AHE)) a master hunter, Elk Area 3911, second elk transport tag. Any legal weapon may be used. ((AHE)) Master hunter, Elk Area 3911 second elk transport tags will be valid only for Elk Area 3911 ((for the time period listed above)) from August 1 - October 24. All hunters participating in the Elk Area 3911 hunt must wear hunter orange.</p>						
Western Washington	WF	407, 448, 460, 466, 503 through 520, 530, 550, 560, 572, 601 through 618, 624 (except for Elk Area 6071), 627 through 633, 638 through 652, 654 through 684. Except ((AHE)) master hunters only in Elk Area 6064	Nov. 4-13	Nov. 3-12	Nov. 1-10	3 pt. min.
		501	Nov. 4-13	Nov. 3-12	Nov. 1-10	3 pt. min. or antlerless
		564, 568, 574 through 578, 666	Nov. 4-13	Nov. 3-12	Nov. 1-10	Any elk
		454	Nov. 4-13	Nov. 3-12	Nov. 1-10	Any bull

Archery Elk Seasons

License Required: A valid big game hunting license with an elk tag option.

Tag Required: Valid archery elk tag as listed below on his/her person for the area hunted.

Hunting Method: Bow and arrow only as defined by WAC 232-12-054.

Special Notes: Archery tag holders can hunt only during archery seasons and must hunt with archery equipment (WAC 232-12-054). Archery elk hunters may apply for special bull permits. Please see permit table for tag eligibility for all elk permits.

Hunt Area	Elk Tag Area	Game Management Units (GMUs)	2006 Dates	2007 Dates	2008 Dates	Legal Elk
Early Archery Elk Seasons						
Eastern Washington	EA	101 through 142, 243, 247, 249, 250, 388	Sept. 8-21	Sept. 8-21	Sept. 8-21	Any elk
		145, 162, 166 through 172, 181, 186, 328, 329, 335	Sept. 8-21	Sept. 8-21	Sept. 8-21	Spike bull
		149, 154, Elk Area 1010, Elk Area 1013, 163, 175, 178, 330, 334, 336, 340, 352, 356, 364	Sept. 8-21	Sept. 8-21	Sept. 8-21	Spike bull or antlerless
Western Washington	WA	454, 564, 568, 574, 578, 652, 666	Sept. 8-21	Sept. 8-21	Sept. 8-21	Any elk

Hunt Area	Elk Tag Area	Game Management Units (GMUs)	2006 Dates	2007 Dates	2008 Dates	Legal Elk
		407, 448, 501 through 505, 520, 550, 554, 560, 572, 624, except for Elk Area 6071, Elk Area 6061, 654, 660, 663, 667 through 673, 684, and 699	Sept. 8-21	Sept. 8-21	Sept. 8-21	3 pt. min. or antlerless
		460, 466, 506, 510, 513, 516, 530, 601, 602, 603, 607, 612 through 618, 627, 633, 638 through 648, 651, 658, and 681. ((AHE)) Master hunters only in Elk Area 6064	Sept. 8-21	Sept. 8-21	Sept. 8-21	3 pt. min.
		Elk Area 4941	Oct. 1-31	Oct. 1-31	Oct. 1-31	Any elk
Late Archery Elk Seasons						
Eastern Washington	EA	101, 105, 108, 117 through 127, 388	Nov. 20 - Dec. 8	Nov. 20 - Dec. 8	Nov. 20 - Dec. 8	Any elk
		178	Nov. 20 - Dec. 8	Nov. 20 - Dec. 8	Nov. 20 - Dec. 8	Antlerless only
		127-142 ((AHE)) master hunters only. Must wear hunter orange	Dec. 9-31	Dec. 9-31	Dec. 9-31	Any elk
		Elk Area 1010, 163	Dec. 9 - Jan. 30	Dec. 9 - Jan. 30	Dec. 9 - Jan. ((30)) <u>20, 2009</u>	Antlerless only
		203 through 248, 250, 254 through 290, 373, 379, 381 except closed within 1/2 mile of the Columbia River in Douglas and Grant counties. Must wear hunter orange	Oct. 28 - Nov. 15	Oct. 27 - Nov. 15	Oct. 25 - Nov. 15	Any elk
		371, Elk Areas 3911((*)) and 3912 ((AHE)) master hunters only. Must wear hunter orange	Aug. 1 - Jan 30	Aug. 1 - Jan. 30	Aug. 1 - Jan. ((30)) <u>20, 2009</u>	Antlerless only
		<u>Elk Area 3911* master hunters only. 2nd tag. Must wear hunter orange</u>			<u>Aug. 1 - Oct. 24</u>	<u>Antlerless only</u>
		328	Nov. 20 - Dec. 8	Nov. 20 - Dec. 8	Nov. 20 - Dec. 8	Spike bull
335, 336, 346, 352, 364, ((368)) Elk Area 3681	Nov. 20 - Dec. 8	Nov. 20 - Dec. 8	Nov. 20 - Dec. 8	Spike bull or antlerless		
Western Washington	WA	407, 503, 505, 648, 667, 672, 681, Elk Area 6066 in GMU 660, and 699. Elk Area 6064, except ((AHE)) master hunters only in Elk Area 6064 in GMU 638	Nov. 22 - Dec. 15	Nov. 21 - Dec. 15	Nov. 19 - Dec. 15	3 pt. min. or antlerless
		454, 564, 666	Nov. 22 - Dec. 15	Nov. 21 - Dec. 15	Nov. 19 - Dec. 15	Any elk
		603, 612, 615, 638	Nov. 22 - Dec. 15	Nov. 21 - Dec. 15	Nov. 19 - Dec. 15	3 pt. min.
		506, 530	Nov. 22 - Dec. 7	Nov. 21 - Dec. 7	Nov. 19 - Dec. 7	3 pt. min. or antlerless
		520		Nov. 21 - Dec. 15	Nov. 19 - Dec. 15	3 pt. min. or antlerless
		506, 530	Dec. 8-15	Dec. 8-15	Dec. 8-15	3 pt. min.
*((Advanced Hunter Education)) Master Hunters who hunt in Elk Area 3911 may purchase ((an AHE)) a master hunter, Elk Area 3911, second elk transport tag. Any legal weapon may be used. ((AHE)) Master hunter, Elk Area 3911 second elk transport tags will be valid only for Elk Area 3911 ((for the time period listed above)) from August 1 - October 24. All hunters participating in the Elk Area 3911 hunt must wear hunter orange.						

Muzzleloader Elk Seasons

License Required: A valid big game hunting license with an elk tag option.

Tag Required: Valid muzzleloader elk tag as listed below on his/her person for the area hunted.

Hunting Method: Muzzleloader only as defined by WAC 232-12-051.

Special Notes: Muzzleloader tag holders can only hunt during the muzzleloader seasons and must hunt with muzzleloader equipment. Only hunters with tags identified in the Special Elk Permits tables may apply for special elk permits.

Hunt Area	Elk Tag Area	Game Management Units (GMUs)	2006 Dates	2007 Dates	2008 Dates	Legal Elk
Early Muzzleloader Elk Seasons						
Eastern Washington	EM	111, 113, 117, 247	Oct. 7-13	Oct. 6-12	Oct. 4-10	Any bull
		101 through 108, 121 through 142, 250	Oct. 7-13	Oct. 6-12	Oct. 4-10	Any elk
		172, 245, Elk Area 2051, 335 through 342, 352 through 360, 368	Oct. 7-13	Oct. 6-12	Oct. 4-10	Spike bull
Western Washington	WM	454, 564, 568, 574, 578, 666, 684	Oct. 7-13	Oct. 6-12	Oct. 4-10	Any elk
		460, 504, 513, 530, 554, 602, 603, 607, 658, 660, 672	Oct. 7-13	Oct. 6-12	Oct. 4-10	3 pt. min.
		501, 503, 652, 654, 663, 667	Oct. 7-13	Oct. 6-12	Oct. 4-10	3 pt. min. or antlerless
Late Muzzleloader Elk Seasons						
Eastern Washington	EM	130 through 142	Nov. 20 - Dec. 8	Nov. 20 - Dec. 8	Nov. 20 - Dec. 8	Any elk
		127-142 ((AHE)) master hunters only. Must wear hunter orange	Dec. 9-31	Dec. 9-31	Dec. 9-31	Any elk
		203 through 248, 250, 254 through 290, 373, 379, 381 except closed within 1/2 mile of the Columbia River in Douglas and Grant counties. Must wear hunter orange	Oct. 28 - Nov. 15	Oct. 27 - Nov. 15	Oct. 25 - Nov. 15	Any elk
		371, Elk Areas 3911((#)) and 3912 ((AHE)) master hunters only. Must wear hunter orange	Aug. 1 - Jan. 30, 2007	Aug. 1 - Jan. 30, 2008	Aug. 1 - Jan. ((30)) 20, 2009	Antlerless only
		<u>Elk Area 3911* master hunters only. 2nd tag. Must wear hunter orange</u>			<u>Aug. 1 - Oct. 24</u>	<u>Antlerless only</u>
Western Washington	WM	Elk Area 4941	Nov. 1 - Jan. 30, 2007	Nov. 1 - Jan. 30, 2008	Nov. 1 - Jan. ((30)) 20, 2009	Any elk
		501, 503, 505, 652	Nov. 22 - Dec. 8	Nov. 21 - Dec. 8	Nov. 19 - Dec. 8	3 pt. min. or antlerless
		454, 564, 568, 666, 684	Nov. 22 - Dec. 15	Nov. 21 - Dec. 15	Nov. 19 - Dec. 15	Any elk
		574, 578	Nov. 22-30	Nov. 21-30	Nov. 19-30	Any elk
		504, 550, 601, 667	Nov. 22 - Dec. 15	Nov. 21 - Dec. 15	Nov. 19 - Dec. 15	3 pt. min.
		*((Advanced Hunter Education)) Master Hunters who hunt in Elk Area 3911 may purchase ((an AHE)) a master hunter. Elk Area 3911, second elk transport tag. Any legal weapon may be used. ((AHE)) Master hunter, Elk Area 3911 second elk transport tags will be valid only for Elk Area 3911 ((for the time period listed above)) from August 1 - October 24. All hunters participating in the Elk Area 3911 hunt must wear hunter orange.				

AMENDATORY SECTION (Amending Order 06-92, filed 5/8/06, effective 6/8/06)

WAC 232-28-291 Special hunting season permits.

The commission may establish special hunting seasons limited to species and/or weapon type.

1. Deer, elk, cougar, or black bear special hunting season permit applications:

A. To apply for special hunting season permits for deer, elk, cougar, or black bear applicants must have a valid Washington big game hunting license and a valid transport tag for the appropriate species. To apply for a particular hunt, each applicant for deer or elk must have the proper transport tag as identified in the special deer or elk permit regulations.

B. Multiple season deer and elk permit applications may be purchased without additional licenses or tags. The purchase of the application will result in entry into the drawing. Persons who are successfully drawn must purchase a multiple season permit for deer or elk and may also apply for archery, muzzleloader, or modern firearm special hunting season permits for the species drawn.

2. Mountain goat, moose, and bighorn sheep special hunting season permit applications:

A. Persons who have previously harvested a mountain goat, bighorn sheep, or moose in Washington are ineligible to apply for a special hunting season permit for that species. This lifetime harvest restriction does not apply to individuals who harvested a mountain goat before 1999, raffle or auction hunt authorizations, or antlerless-only moose hunts.

B. Successful applicants under this section must purchase the appropriate hunting license within fifteen days of the published notification deadline by the department. Failure to purchase forfeits the permit to an alternate applicant.

3. Wild turkey special hunting season permit applications

A. To apply for wild turkey special hunting season permits, each applicant must have a valid small game hunting license.

B. Early fall wild turkey special hunting season permit holders must have a valid turkey transport tag in possession to hunt turkeys in the early fall special hunting season.

C. Late fall wild turkey special hunting season permit holders must have a valid turkey transport tag in possession to hunt turkeys in the late fall special hunting season.

4. Special hunting season permit applications:

A. Maximum group sizes are determined for each category. If a group application is drawn, all hunters in the group will receive a special hunting season permit and each hunter in the group can take an animal.

i. Maximum group size for deer is 12.

ii. Maximum group size for elk is 12.

iii. Maximum group size for bear is 2.

iv. Maximum group size for cougar is 2.

v. Maximum group size for mountain goat is 2.

vi. Maximum group size for bighorn sheep is 2.

vii. Maximum group size for early fall turkey is 4.

viii. Maximum group size for late fall turkey is 4.

ix. Maximum group size for moose is 2.

x. Maximum group size for multiple season deer is 1.

xi. Maximum group size for multiple season elk is 1.

B. An applicant may purchase only one application for a special hunting season permit for each category.

C. Permits will be drawn by computer selection using a weighted point selection system.

D. Incomplete applications will not be accepted.

E. If an applicant makes a mistake, applies for the wrong hunt, and is successfully drawn, the special hunting season permit can be returned to the department of fish and wildlife Olympia headquarters before the opening day of the special hunting season or the opening day of the general hunting season, whichever comes first. The applicant's points will be restored to the level prior to the permit drawing.

F. Anyone may apply for a special hunting season permit for deer, elk, bear, cougar, and wild turkey.

5. In addition to requirements for special hunting season permit applications, following are application requirements for:

A. Special hunting seasons for persons of disability: Only applicants with a Washington disabled hunter permit are eligible to apply for any special hunting season permits for persons of disability.

B. Special hunting seasons for youth: Only persons who are eligible to lawfully purchase a youth hunting license are eligible to apply for special hunting season permits for youth.

C. Special hunting seasons for hunters age 65 and older: Only applicants sixty-five years of age or older on or before March 31 of the current license year will be eligible to apply for special hunting season permits for hunters age 65 and older.

D. Special hunting seasons for ~~((advanced))~~ master hunter ~~((education))~~ program graduates: Only persons who hold a valid certificate from the Washington department of fish and wildlife's ~~((advanced))~~ master hunter ~~((education (AHE)))~~ program are eligible to apply for special hunting season permits for ~~((AHE))~~ master hunters.

6. Citizen reward for reporting violations - bonus points: A person who provides information which contributes substantially to the arrest of another person for illegally hunting or killing big game or an endangered species as defined by Title 77 RCW is eligible to receive ten bonus points toward the special hunting permit drawing for deer or elk special hunting season permits.

A. Only ten bonus points can be awarded for providing information for each person charged regardless of the number of violations involved.

B. Selection of bonus points is in lieu of application for a cash award.

WSR 08-09-091
PERMANENT RULES
DEPARTMENT OF
FISH AND WILDLIFE

[Order 08-79—Filed April 18, 2008, 2:41 p.m., effective May 19, 2008]

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

Purpose: Amending WAC 232-28-353 2008 Deer special permits and 232-28-354 Elk special permits.

Citation of Existing Rules Affected by this Order: Amending WAC 232-28-353 and 232-28-354.

Statutory Authority for Adoption: RCW 77.12.047, 77.12.020, 77.12.570, 77.12.210.

Adopted under notice filed as WSR 08-06-083 on March 5, 2008.

Changes Other than Editing from Proposed to Adopted Version: Changes, if any, from the text of the proposed rule and reasons for difference:

WAC 232-28-353 2008 Deer special permits.

Under "Modern Firearm Deer Permit Hunts":

- Change Mount Spokane A permit numbers to 350. Despite higher than average snowfall, some antlerless white-tailed deer permits are necessary to control deer damage complaints.
- Change the date for Desert B to November 26 – 30. This change is necessary to avoid overlap with modern firearm and archery special permit hunts.

Under "Muzzleloader Only Deer Permit Hunts," to avoid a two-day overlap between modern firearm and muzzleloader seasons:

- Change the date for Naneum B from Nov. 5-11 to Nov. 3-9.
- Change the date for Teanaway C from Nov. 5-11 to Nov. 3-9.
- Change the date for L.T. Murray B from Nov. 5-11 to Nov. 3-9.

Under "Special Modern Firearm Deer Permit Hunts for Hunters 65 and Older":

- Change Chewuch B to 15 permits. This is consistent with the regional recommendations.

Under "Disabled Hunter Deer permits":

- Change Green River B to "Antlerless, Modern Firearm Only." Regional staff is trying to rotate buck opportunity between youth and hunters with disabilities.

Under "Youth Special Deer Permit Hunts":

- Change Green River C to "Any deer." Regional staff is trying to rotate buck opportunity between youth and hunters with disabilities.

Under "Special Deer Permits – Second Deer Tag":

- Change the language to read the following: These permits are only valid when a second license and tag is purchased. Hunters must use the method/weapon listed on their tag. The second deer license and tag type must be the same tag type as the first one. These 2nd deer special permit hunts will ((~~not~~)) affect hunters' accumulated points. Hunters' points will be used if drawn for this special permit. This change resolves an inequity that was brought to the department's attention by a constituent.
- Change High Prairie to 20 permits. This is consistent with the regional recommendations.

Under "Hunter Education Instructor Incentive Permits":

- Change Region 4 to "Any 400 series GMU except GMUs 485 and 490." This is to clarify that GMU 490 is currently closed to hunting.

WAC 232-28-354 2008 Elk special permits.

Under "Modern Firearm Bull Permit Hunts":

- Change the number of permits for Green River to 3. Late winter surveys showed a reduced number of available bulls necessitating a reduction in permits.

Under "Modern Firearm Elk Permit Hunts":

- Change the date for West Bar A from Oct. 27-31 to Oct. 25-29. The following calendar date was adjusted to maintain proper opening dates and coordinate with general season dates.
- Change the date for West Bar B from Nov. 1-4 to Oct. 30-Nov. 2. The following calendar date was adjusted to maintain proper opening dates and coordinate with general season dates.
- Change the date for Alkali A to Oct. 18-Nov. 2. These dates are coordinated with the Yakima Training Center.

Under "Archery Elk Permit Hunts":

- Change the number of permits for Dayton E to 8. This corrects an error discovered while going through the quality check process for special permit allocation.

Under "Master Hunter Special Elk Permit Hunts":

- Delete Peshastin D. These permits do not provide direct assistance in solving orchard damage problems in the Peshastin elk area and they hinder meeting bull escapement objectives.

Under "Master Hunter Second Elk Tag Hunts":

- Reduce the permits for Malaga I to 6^{HM}. The number of permits originally allocated to this hunt was

larger than required for the need. The reduction will aid in meeting bull escapement objectives.

- Increase the permits for Peshastin E to 100^{HM}. This increase in the number of antlerless permits is recommended to provide the enforcement program with an adequate list of hunters to draw from when a hunt is necessary.
- Reduce the permits for Peshastin F to 6^{HM}. The number of permits originally allocated to this hunt was larger than required for the need. The reduction will aid in meeting bull escapement objectives.
- Change the date for Fairview from Feb. 1-28, 2009 to Jan. 21-Feb. 28, 2009. This change eliminates a time period gap after the end of the general season hunts when no damage hunt relief would have been available in this elk area.
- Change Toledo F and G, and Boistfort D and E to "any muzzleloader elk tag." This is consistent with the regional recommendations.

Under "Persons of Disability Only - Special Elk Permit Hunts":

- Change the permit number for Sol Duc Valley B to 2. This is consistent with the regional recommendations.
- Change the date for Observatory D to Oct. 20-Nov. 2. This is consistent with the regional recommendations.
- Change the date for Little Naches D to Oct. 29-Nov. 2. This is consistent with the regional recommendations.
- Change the date for Alkali C to Oct. 18-Nov. 2. These dates are coordinated with the Yakima Training Center.

A final cost-benefit analysis is available by contacting Lori Preuss, 600 Capitol Way North, Olympia, WA 98501-1091, phone (360) 902-2930, fax (360) 902-2155, e-mail preuslmp@dfw.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 2, 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: April 12, 2008.

Susan Yeager
for Jerry Gutzwiler, Chair
Fish and Wildlife Commission

AMENDATORY SECTION (Amending Orders 07-62 and 07-62A, filed 5/3/07 and 8/10/07, effective 6/3/07 and 9/10/07)

WAC 232-28-353 (~~2007~~) 2008 Deer special permits.

SPECIAL DEER PERMIT HUNTING SEASONS

(Open to Permit Holders Only)

Hunters must purchase a deer hunting license prior to purchase of a permit application. Hunters may only apply for permits consistent with the tag required for the hunt choice; however, Multiple Season Permit holders may apply for archery, muzzleloader, or modern firearm permit hunts. Hunters drawn for a special permit hunt must comply with weapon restrictions and dates listed for the hunt.

Hunt Name	Permit Season Dates	Special Restrictions	Boundary Description	Permits
Modern Firearm Deer Permit Hunts (Only modern firearm deer tag holders may apply.)				
Sherman	Oct. ((13-28)) <u>11-26</u>	Whitetail, antlerless	GMU 101	((75)) <u>50</u>
Kelly Hill	Oct. ((13-26)) <u>11-24</u> & Nov. ((5)) <u>3-19</u>	Whitetail, antlerless	GMU 105	((150)) <u>50</u>
Douglas	Oct. ((13-26)) <u>11-24</u> & Nov. ((5)) <u>3-19</u>	Whitetail, antlerless	GMU 108	((300)) <u>100</u>
((Aladdin A	Oct. 13-26 & Nov. 5-19	Whitetail, antlerless	GMU 111	(75))
Aladdin ((B))	Nov. ((21-25)) <u>26-30</u>	Whitetail, any buck	GMU 111	50
((Selkirk	Oct. 13-26 & Nov. 5-19	Whitetail, antlerless	GMU 113	(50))
49 Degrees North	Oct. ((13-26)) <u>11-24</u> & Nov. ((5)) <u>3-19</u>	Whitetail, antlerless	GMU 117	((350)) <u>175</u>
Huckleberry A	Oct. ((13-26)) <u>11-24</u> & Nov. ((5)) <u>3-19</u>	Whitetail, antlerless	GMU 121	((600)) <u>300</u>
Mt. Spokane A	Oct. ((13-26)) <u>11-24</u> & Nov. ((5)) <u>3-19</u>	Whitetail, antlerless	GMU 124	((400)) <u>350</u>
Mica Peak A	Oct. ((13-24)) <u>11-19</u>	Whitetail, antlerless	GMU 127	150
Cheney A	Oct. ((13-24)) <u>11-19</u>	Antlerless	GMU 130	200
Roosevelt	Oct. ((13-24)) <u>11-19</u>	Antlerless	GMU 133	200
Harrington	Oct. ((13-24)) <u>11-19</u>	Antlerless	GMU 136	125
Steptoe	Oct. ((13-24)) <u>11-19</u> & Nov. ((5)) <u>3-19</u>	Antlerless	GMU 139	300
Almota A	Oct. ((13-24)) <u>11-19</u> & Nov. ((5)) <u>3-19</u>	Antlerless	GMU 142	100
Palouse	Nov. ((5)) <u>3-19</u>	Whitetail, 3 pt. min.	GMUs 127-142	625
Mayview A	Nov. 1-12	Antlerless	GMU 145	50
Prescott A	Nov. 1-12	Antlerless	GMU 149	50
Blue Creek	Nov. ((5-19)) <u>3-16</u>	Whitetail, antlerless	GMU 154	((100)) <u>80</u>
Dayton A	Nov. ((5-19)) <u>3-16</u>	Whitetail, antlerless	GMU 162	((150)) <u>80</u>
Dayton B	Nov. ((5-19)) <u>3-16</u>	Antlerless	Deer Area 1010	75
Marengo	Nov. 1-12	Whitetail, antlerless	GMU 163	((75)) <u>50</u>
Peola	Nov. 1-12	Whitetail, antlerless	GMU 178	50
Blue Mtns. Foothills A	Nov. ((5)) <u>3-19</u>	Whitetail, 3 pt. min. or antlerless	GMUs 149, 154, 162-166	100
Blue Mtns. Foothills B	Nov. ((5)) <u>3-19</u>	Whitetail, 3 pt. min. or antlerless	GMUs 145, 172-181	50
East Okanogan A	Nov. 1-18	Any whitetail	GMU 204	50
East Okanogan B	Oct. ((13-28)) <u>11-26</u>	Whitetail, antlerless	GMU 204	100
West Okanogan A	Nov. 1-18	Any whitetail	GMUs 218-242	100
West Okanogan B	Oct. ((13-24)) <u>11-19</u>	Whitetail, antlerless	GMUs 218-242	100
Sinlahekin A	Nov. 1-18	Any whitetail	GMU 215	50
Sinlahekin B	Oct. ((13-24)) <u>11-19</u>	Whitetail, antlerless	GMU 215	((75)) <u>50</u>
Chewuch A	Nov. 1-18	Any deer	GMU 218	((20)) <u>15</u>
Pearygin A	Nov. 1-18	Any deer	GMU 224	((20)) <u>15</u>
Gardner A	Nov. 1-18	Any deer	GMU 231	((15)) <u>10</u>
Pogue A	Nov. 1-18	Any deer	GMU 233	((15)) <u>10</u>
Chiliwist A	Nov. 1-18	Any deer	GMU 239	((15)) <u>10</u>
Alta A	Nov. 1-18	Any deer	GMU 242	((15)) <u>10</u>
Manson	Nov. 1-18	Any deer	GMU 243	5
Chiwawa A	Nov. 1-18	Any deer	GMU 245	((38)) <u>30</u>
Slide Ridge A	Nov. 1-18	Any deer	GMU 246	((20)) <u>16</u>
Entiat A	Nov. 1-18	Any deer	GMU 247	((65)) <u>52</u>

Hunt Name	Permit Season Dates	Special Restrictions	Boundary Description	Permits
Big Bend A	Nov. 1-18	Antlerless	GMU 248	150
Swakane A	Nov. 1-18	Any deer	GMU 250	((40)) 32
Mission A	Nov. 1-18	Any deer	GMU 251	((35)) 28
Mission B	Oct. 13-28	Antlerless	GMU 251	((210)) 168
St. Andrews	Oct. ((13-21)) 11-19	Antlerless	GMU 254	115
Foster Creek A	Oct. ((13-21)) 11-19	Antlerless	GMU 260	75
Foster Creek B	Nov. 1-18	Antlerless	GMU 260	75
Withrow A	Oct. ((13-21)) 11-19	Antlerless	GMU 262	50
Badger	Nov. 1-18	Antlerless	GMU 266	15
Ritzville A	Nov. 1-18	3 pt. min. or antlerless	GMU 284	5
Desert A	Nov. 1-12	Any deer	GMU 290	15
Desert B	Nov. ((26-Dec-2)) 26-30	Antlerless	GMU 290	75
Naneum A	Nov. ((12-18)) 10-16	Any buck	GMU 328	((17)) 16
Quilomene A	Nov. ((5-18)) 3-16	3 pt. min.	GMU 329	((15)) 14
Teanaway A	Nov. ((12-18)) 10-16	Any buck	GMU 335	((19)) 16
L.T. Murray A	Nov. ((12-18)) 10-16	Any buck	GMUs 336, 340	((18)) 17
Bethel A	Nov. ((5-18)) 3-16	Any buck	GMU 360	((15)) 5
Cowiche A	Nov. ((5-18)) 3-16	Any buck	GMU 368	10
Alkali A	Nov. ((17-25)) 15-23	Any buck	GMU 371	((75)) 53
Alkali B	Nov. ((17-25)) 15-23	Antlerless	GMU 371	((70)) 35
Kahlotus A	Dec. 9-15	Antlerless	GMU 381	((75)) 50
East Klickitat A	Oct. ((13-26)) 11-24	3 pt. min. or antlerless	GMU 382	((45)) 30
Grayback A	Oct. ((13-26)) 11-24	3 pt. min. or antlerless	GMU 388	((55)) 25
Grayback B	Nov. ((15-18)) 11-18	3 pt. min.	GMU 388	50
Sauk	Nov. 13-16	2 pt. min.	GMU 437	25
Stillaguamish	Nov. 13-16	Any buck	GMU 448	10
Snoqualmie	Nov. 13-16	Any buck	GMU 460	25
Green River A	((Oct. 27-Nov. 2)) Nov. 1-7	Any buck	GMU 485	10
Lincoln A	Oct. ((13)) 11-31	Any deer	GMU 501	40
Stella A	Oct. ((13)) 11-31	Any deer	GMU 504	35
Mossyrock A	Oct. ((13)) 11-31	Any deer	GMU 505	85
Stormking A	Oct. ((13)) 11-31	Any deer	GMU 510	30
South Rainier A	Oct. ((13)) 11-31	Any deer	GMU 513	30
Packwood A	Oct. ((13)) 11-31	Any deer	GMU 516	50
Winston A	Oct. ((13)) 11-31	Any deer	GMU 520	50
Yale A	Oct. ((13)) 11-31	Any deer	GMU 554	15
Coweeman A	Oct. ((13)) 11-31	Any deer	GMU 550	20
Toutle A	Oct. ((13)) 11-31	Any deer	GMU 556	25
Lewis River A	Oct. ((13)) 11-31	Any deer	GMU 560	((35)) 20
Washougal A	Oct. ((13)) 11-31	Any deer	GMU 568	10
Siouxon A	Oct. ((13)) 11-31	Any deer	GMU 572	((35)) 20
Wind River A	Oct. ((13)) 11-31	2 pt. min. or antlerless	GMU 574	10
Wind River B	Nov. ((15-18)) 11-18	2 pt. min.	GMU 574	40
West Klickitat A	Oct. ((13)) 11-31	2 pt. min. or antlerless	GMU 578	((30)) 15
West Klickitat B	Nov. ((15-18)) 11-18	2 pt. min.	GMU 578	40
Pysht	Oct. ((13)) 11-31	Any deer	GMU 603	15
Olympic A	Oct. ((13)) 11-31	Any deer	GMU 621	35
Kitsap	Oct. ((13)) 11-31	Any deer	GMU 627	20
Skokomish A	Oct. ((13)) 11-31	Any deer	GMU 636	20
Wynoochee A	Oct. ((13)) 11-31	Any deer	GMU 648	110
Wynoochee B	Nov. 1-11	Any buck	GMU 648	10
Satsop A	Nov. 1-11	Any buck	GMU 651	10
Mashel A	Oct. ((13)) 11-31	((Any deer)) 2 pt. min or antlerless	GMU 654	40
North River A	Oct. ((13)) 11-31	Any deer	GMU 658	70
Minot Peak	Oct. ((13)) 11-31	Any deer	GMU 660	20
Capitol Peak A	Oct. ((13)) 11-31	Any deer	GMU 663	15

Hunt Name	Permit Season Dates	Special Restrictions	Boundary Description	Permits
Capitol Peak B	Nov. 1-11	Any buck	GMU 663	10
Deschutes	Oct. ((13)) <u>11-31</u>	Any deer	GMU 666	80
Skookumchuck A	Oct. ((13)) <u>11-31</u>	Any deer	GMU 667	20
Skookumchuck B	Nov. 1-11	Any buck	GMU 667	10
Muzzleloader Only Deer Permit Hunts (Only muzzleloader tag holders may apply.)				
Green Bluff	Dec. 9-31	Whitetail, antlerless	That portion of GMU 124 east of Hwy 2	90
Mayview B	Oct. ((6-12)) <u>4-10</u>	Antlerless	GMU 145	25
Prescott B	Oct. ((6-12)) <u>4-10</u>	Antlerless	GMU 149	25
Blue Mtns. Foothills C	Nov. 20 - Dec. 8	Whitetail, 3 pt. min. or antlerless	GMUs 149, 154, 162, 166	60
Wannacut A	Oct. ((6-12)) <u>4-10</u>	Antlerless	GMU 209	((50)) <u>25</u>
Chiwawa B	Nov. 19-30	Any deer	GMU 245	3
Chiwawa C	Oct. ((6-12)) <u>4-10</u>	Antlerless	GMU 245	((70)) <u>56</u>
Swakane B	Oct. ((6-12)) <u>4-10</u>	Antlerless	GMU 250	((35)) <u>28</u>
Mission C	Oct. ((6-12)) <u>4-10</u>	Antlerless	GMU 251	((45)) <u>36</u>
Foster Creek C	Dec. 1-31	Antlerless	GMU 260	100
Moses Coulee A	Nov. 1-18	Any deer	GMU 269	20
Moses Coulee B	Dec. 1-31	Antlerless	GMU 269	100
Ritzville B	Nov. 19-30	Mule deer, 3 pt. min. or antlerless; any white-tailed deer	GMU 284	5
Benge A	Dec. 1-15	Antlerless	Deer Area 2010	20
Lakeview A	Nov. 1-18	Antlerless	Deer Area 2011	10
Desert C	Oct. 25-31	Any deer	GMU 290	2
Naneum B	Nov. ((5-11)) <u>3-9</u>	Any buck	GMU 328	2
Quilomene B	Oct. ((6-12)) <u>4-10</u>	3 pt. min.	GMU 329	2
Teanaway C	Nov. ((5-11)) <u>3-9</u>	Any buck	GMU 335	2
L.T. Murray B	Nov. ((5-11)) <u>3-9</u>	Any buck	GMUs 336, 340	((2)) <u>4</u>
Alkali C	((Dec. 1-8)) <u>Nov. 29 - Dec. 6</u>	Any buck	GMU 371	((11)) <u>8</u>
Alkali D	((Dec. 1-8)) <u>Nov. 29 - Dec. 6</u>	Antlerless	GMU 371	((15)) <u>10</u>
Whitcomb A	Sept. ((10-15)) <u>8-13</u>	Antlerless	Deer Area 3071	7
Whitcomb B	Sept. ((16-21)) <u>14-19</u>	Antlerless	Deer Area 3071	7
Whitcomb C	Sept. ((24)) <u>22 - Oct. ((5)) 3</u>	Any deer	Deer Area 3071	7
Paterson A	Sept. ((18-24)) <u>8-13</u>	Antlerless	Deer Area 3072	10
Paterson B	Sept. ((16-21)) <u>14-19</u>	Antlerless	Deer Area 3072	10
Paterson C	Sept. ((24)) <u>22 - Oct. ((5)) 3</u>	Any deer	Deer Area 3072	10
Kahlotus B	Nov. 20 - Dec. 8	Any deer	GMU 381	((25)) <u>50</u>
East Klickitat B	Nov. 21-30	3 pt. min. or antlerless	GMU 382	((20)) <u>15</u>
Grayback C	Oct. ((6-12)) <u>4-10</u>	3 pt. min. or antlerless	GMU 388	((10)) <u>5</u>
West Klickitat C	Dec. 1-15	2 pt. min. or antlerless	GMU 578	((30)) <u>15</u>
Mossyrock B	Oct. ((6-12)) <u>4-10</u>	Any deer	GMU 505	10
Stormking B	Oct. ((6-12)) <u>4-10</u>	Any deer	GMU 510	5
South Rainier B	Oct. ((6-12)) <u>4-10</u>	Any deer	GMU 513	5
Packwood B	Oct. ((6-12)) <u>4-10</u>	Any deer	GMU 516	5
Winston B	Oct. ((6-12)) <u>4-10</u>	Any deer	GMU 520	5
Coweeman B	Oct. ((6-12)) <u>4-10</u>	Any deer	GMU 550	30
Yale B	Oct. ((6-12)) <u>4-10</u>	Any deer	GMU 554	2
Toutle B	Oct. ((6-12)) <u>4-10</u>	Any deer	GMU 556	3
Lewis River B	Oct. ((6-12)) <u>4-10</u>	Any deer	GMU 560	5
Washougal B	Oct. ((6-12)) <u>4-10</u>	Any deer	GMU 568	10
Siouxon B	Oct. ((6-12)) <u>4-10</u>	Any deer	GMU 572	5
Wind River C	Oct. ((6-12)) <u>4-10</u>	2 pt. min. or antlerless	GMU 574	1
Olympic B	Oct. ((6-12)) <u>4-10</u>	Any deer	GMU 621	20
North River B	Oct. ((6-12)) <u>4-10</u>	Any deer	GMU 658	5
Archery Only Deer Permit Hunts (Only archery deer tag holders may apply.)				
Chiwawa D	Dec. 1-12	Any deer	GMU 245	((27)) <u>16</u>
Entiat B	Nov. 20-29	Any deer	GMU 247	((160)) <u>128</u>

Hunt Name	Permit Season Dates	Special Restrictions	Boundary Description	Permits
Entiat C	Nov. 30 - Dec. 8	Any deer	GMU 247	((150)) <u>120</u>
Big Bend B	Nov. 20 - Dec. 8	Any deer	GMU 248	10
Desert D	Nov. 13-((26)) <u>25</u>	Any deer	GMU 290	((42)) <u>16</u>
Naneum C	Nov. 20 - Dec. 8	Any buck	GMU 328	((43)) <u>8</u>
Quilomene C	Nov. 20 - Dec. 8	3 pt. min.	GMU 329	((42)) <u>11</u>
Teanaway D	Nov. 20 - Dec. 8	Any buck	GMU 335	13
L.T. Murray C	Nov. 20 - Dec. 8	Any buck	GMUs 336, 340	((6)) <u>7</u>
Alkali E	Dec. ((9)) <u>7-25</u>	Any deer	GMU 371	((99)) <u>46</u>
Special Modern Firearm Deer Permit Hunts for Hunters 65 or older				
Ferry A	Oct. 11-19	Antlerless	GMU 101	<u>20</u>
Blue Mtns. Foothills D	Oct. ((43-24)) <u>11-19</u>	Antlerless	GMUs 145, 149	30
East Okanogan C	Oct. ((43-24)) <u>11-19</u>	Antlerless	GMU 204	((15)) <u>10</u>
Wannacut B	Oct. ((43-24)) <u>11-19</u>	Antlerless	GMU 209	((20)) <u>10</u>
Sinlahekin C	Oct. ((43-24)) <u>11-19</u>	Antlerless	GMU 215	((25)) <u>10</u>
Chewuch B	Oct. ((43-24)) <u>11-19</u>	Antlerless	GMU 218	((35)) <u>15</u>
Pearrygin B	Oct. ((43-24)) <u>11-19</u>	Antlerless	GMU 224	((35)) <u>20</u>
Gardner B	Oct. ((43-24)) <u>11-19</u>	Antlerless	GMU 231	((25)) <u>15</u>
Pogue B	Oct. ((43-24)) <u>11-19</u>	Antlerless	GMU 233	((20)) <u>10</u>
Chiliwist B	Oct. ((43-24)) <u>11-19</u>	Antlerless	GMU 239	((25)) <u>10</u>
Alta B	Oct. ((43-24)) <u>11-19</u>	Antlerless	GMU 242	((25)) <u>15</u>
Chiwawa E	Oct. 13-28	Antlerless	GMU 245	((45)) <u>12</u>
Entiat E	Oct. 13-28	Antlerless	GMU 247	((45)) <u>12</u>
Swakane C	Oct. 13-28	Antlerless	GMU 250	((45)) <u>12</u>
Mission D	Oct. 13-28	Any deer	GMU 251	((45)) <u>12</u>
Bridgeport A	Oct. 13-21	Antlerless	GMUs 248, 260	20
Palisades A	Oct. 13-21	Antlerless	GMUs 266, 269	10
Sunnyside A	Oct. 13-21	Antlerless	GMU 372	15
Horse Heaven Hills A	Oct. 13-21	Antlerless	GMU 373	10
Kahlotus C	Oct. 13-21	Antlerless	GMU 381	((45)) <u>10</u>
East Klickitat C	Oct. ((43-26)) <u>11-24</u>	3 pt. min. or antlerless	GMU 382	((20)) <u>15</u>
Grayback D	Oct. ((43-26)) <u>11-24</u>	3 pt. min. or antlerless	GMU 388	((40)) <u>5</u>
Lincoln B	Oct. ((43)) <u>11-31</u>	Any deer	GMU 501	5
Stella B	Oct. ((43)) <u>11-31</u>	Any deer	GMU 504	5
Mossyrock C	Oct. ((43)) <u>11-31</u>	Any deer	GMU 505	15
Stormking C	Oct. ((43)) <u>11-31</u>	Any deer	GMU 510	5
South Rainier C	Oct. ((43)) <u>11-31</u>	Any deer	GMU 513	5
Packwood C	Oct. ((43)) <u>11-31</u>	Any deer	GMU 516	5
Winston C	Oct. ((43)) <u>11-31</u>	Any deer	GMU 520	5
Yale C	Oct. ((43)) <u>11-31</u>	Any deer	GMU 554	5
Toutle C	Oct. ((43)) <u>11-31</u>	Any deer	GMU 556	10
Lewis River C	Oct. ((43)) <u>11-31</u>	Any deer	GMU 560	5
Washougal C	Oct. ((43)) <u>11-31</u>	Any deer	GMU 568	10
Siouxon C	Oct. ((43)) <u>11-31</u>	Any deer	GMU 572	5
Wind River D	Oct. ((43)) <u>11-31</u>	2 pt. min. or antlerless	GMU 574	2
West Klickitat D	Oct. ((43)) <u>11-31</u>	2 pt. min. or antlerless	GMU 578	5
Copalis	Oct. ((43)) <u>11-31</u>	Any deer	GMU 642	20
North River C	Oct. ((43)) <u>11-31</u>	Any deer	GMU 658	10
Williams Creek	Oct. ((43)) <u>11-31</u>	Any deer	GMU 673	20
Disabled Hunter Deer Permits (Hunters must use method/weapon listed on their tag. All weapon types may apply unless otherwise noted.)				
Ferry B	Oct. 11-19	Antlerless	GMU 101	<u>20</u>
East Okanogan D	Restricted to general early season by tag choice	Antlerless	GMU 204	((45)) <u>10</u>
Wannacut C		Antlerless	GMU 209	((20)) <u>10</u>
Sinlahekin D		Antlerless	GMU 215	((25)) <u>15</u>
Chewuch C		Antlerless	GMU 218	((35)) <u>20</u>
Pearrygin C		Antlerless	GMU 224	((35)) <u>15</u>
Gardner C		Antlerless	GMU 231	((25)) <u>10</u>

Hunt Name	Permit Season Dates	Special Restrictions	Boundary Description	Permits
Pogue C		Antlerless	GMU 233	((20)) 10
Chiliwist C		Antlerless	GMU 239	((25)) 15
Alta C		Antlerless	GMU 242	((25)) 10
Chiwawa F	Oct. 13-28	Antlerless, modern firearm only	GMU 245	((15)) 12
Entiat F	Oct. 13-28	Antlerless, modern firearm only	GMU 247	((25)) 20
Mission E	Oct. 13-28	Any deer, modern firearm only	GMU 251	((25)) 20
Bridge Port B	Restricted to general early season by tag choice	Any deer	GMUs 248, 260	15
Palisades B		Any deer	GMUs 266, 269	5
Sunnyside B	Restricted to general early season by tag choice	Antlerless	GMU 372	10
Kahlotus D		Antlerless	GMU 381	10
East Klickitat D		3 pt. min. or antlerless	GMU 382	((20)) 15
Grayback E		3 pt. min. or antlerless	GMU 388	((40)) 5
Green River B	((Oct 27--Nov. 2)) Nov. 1-7	((Any deer)) Antlerless, modern firearm only	GMU 485	5
Lincoln C	Restricted to general early season by tag choice	Any deer	GMU 501	3
Stella C		Any deer	GMU 504	3
Mossyrock D		Any deer	GMU 505	5
Stormking D		Any deer	GMU 510	3
South Rainier D		Any deer	GMU 513	3
Packwood D		Any deer	GMU 516	3
Winston D		Any deer	GMU 520	3
Yale D		Any deer	GMU 554	3
Toutle D		Any deer	GMU 556	5
Lewis River D		Any deer	GMU 560	2
Washougal D		Any deer	GMU 568	10
Siouxon D		Any deer	GMU 572	3
Wind River E		2 pt. min. or antlerless	GMU 574	1
West Klickitat E		2 pt. min. or antlerless	GMU 578	3
Capitol Peak C		Any deer	GMU 663	30
Skookumchuck C		Any deer	GMU 667	30
North River D		Any deer	GMU 658	5
Youth Special Deer Permit Hunts (Must be eligible for the youth hunting license and accompanied by an adult during the hunt.)				
Modern Firearm Only				
Ferry C	Oct. 11-19	Antlerless	GMU 101	30
Blue Mtns. Foothills E	Oct. ((13-21)) 11-19	Antlerless	GMUs 149, 154, ((162-))163_ Deer Area 1010	40
Blue Mtns. Foothills F	Oct. ((13-21)) 11-19	Antlerless	GMUs 145, 172-181	40
East Okanogan E	Oct. ((13-21)) 11-19	Antlerless	GMU 204	((70)) 35
Wannacut D	Oct. ((13-21)) 11-19	Antlerless	GMU 209	((40)) 20
Sinlahekin E	Oct. ((13-21)) 11-19	Antlerless	GMU 215	((80)) 40
Chewuch D	Oct. ((13-21)) 11-19	Antlerless	GMU 218	((135)) 65
Pearrygin D	Oct. ((13-21)) 11-19	Antlerless	GMU 224	((135)) 70
Gardner D	Oct. ((13-21)) 11-19	Antlerless	GMU 231	((50)) 25
Pogue D	Oct. ((13-21)) 11-19	Antlerless	GMU 233	((40)) 20
Chiliwist D	Oct. ((13-21)) 11-19	Antlerless	GMU 239	((80)) 40
Alta D	Oct. ((13-21)) 11-19	Antlerless	GMU 242	((90)) 45
Chiwawa G	Oct. ((13-28)) 11-26	Antlerless	GMU 245	((85)) 68
Entiat G	Oct. ((13-28)) 11-26	Antlerless	GMU 247	((55)) 44
Swakane D	Oct. ((13-28)) 11-26	Antlerless	GMU 250	((30)) 24
Mission F	Oct. ((13-28)) 11-26	Antlerless	GMU 251	((210)) 168
Bridge Port C	Oct. ((13-21)) 11-19	Antlerless	GMUs 248, 260	175
Palisades C	Oct. ((13-21)) 11-19	Antlerless	GMUs 266, 269	50
Lakeview C	Oct. ((13-21)) 11-19	Any deer	Deer Area 2011	10
Benge B	Oct. 23-31	Antlerless	Deer Area 2010	20
Desert E	Sept. 22-23	Any deer	GMU 290	2
Horse Heaven Hills B	Oct. ((13-21)) 11-19	Antlerless	GMU 373	10

Hunt Name	Permit Season Dates	Special Restrictions	Boundary Description	Permits
Kahlotus E	Oct. ((13-21)) <u>11-19</u>	Antlerless	GMU 381	((20)) <u>15</u>
Grayback F	Oct. ((13-26)) <u>11-24</u>	Any deer	GMU 388	((20)) <u>15</u>
East Klickitat E	Oct. ((13-26)) <u>11-24</u>	Any deer	GMU 382	((30)) <u>25</u>
Green River C	((Oct. 27 - Nov. 2)) <u>Nov. 1-7</u>	((Antlerless)) <u>Any deer</u>	GMU 485	5
Lincoln D	Oct. ((13)) <u>11-31</u>	Any deer	GMU 501	10
Stella D	Oct. ((13)) <u>11-31</u>	Any deer	GMU 504	10
Mossyrock E	Oct. ((13)) <u>11-31</u>	Any deer	GMU 505	10
Stormking E	Oct. ((13)) <u>11-31</u>	Any deer	GMU 510	10
South Rainier E	Oct. ((13)) <u>11-31</u>	Any deer	GMU 513	10
Packwood E	Oct. ((13)) <u>11-31</u>	Any deer	GMU 516	10
Winston E	Oct. ((13)) <u>11-31</u>	Any deer	GMU 520	10
Yale E	Oct. ((13)) <u>11-31</u>	Any deer	GMU 554	10
Toutle E	Oct. ((13)) <u>11-31</u>	Any deer	GMU 556	60
Lewis River E	Oct. ((13)) <u>11-31</u>	Any deer	GMU 560	10
Washougal E	Oct. ((13)) <u>11-31</u>	Any deer	GMU 568	10
Siouxon E	Oct. ((13)) <u>11-31</u>	Any deer	GMU 572	10
Wind River F	Oct. ((13)) <u>11-31</u>	Any deer	GMU 574	((15)) <u>10</u>
West Klickitat F	Oct. ((13)) <u>11-31</u>	Any deer	GMU 578	((15)) <u>10</u>
Satsop B	Oct. ((13)) <u>11-31</u>	Any deer	GMU 651	10
Skookumchuck D	Oct. ((6)) <u>4-31</u>	Any deer	GMU 667	60
North River E	Oct. ((13)) <u>11-31</u>	Any deer	GMU 658	10
Youth Special Deer Permit Hunts (Must be eligible for the youth hunting license and accompanied by an adult during the hunt.)				
Muzzleloader Only				
Ferry D	Oct. 4-10	Antlerless	GMU 101	10
East Okanogan F	Oct. ((6-12)) <u>4-10</u>	Antlerless	GMU 204	((10)) <u>5</u>
Wannacut E	Oct. ((6-12)) <u>4-10</u>	Antlerless	GMU 209	((10)) <u>5</u>
Pogue E	Oct. ((6-12)) <u>4-10</u>	Antlerless	GMU 233	((10)) <u>5</u>
Chiliwist E	Oct. ((6-12)) <u>4-10</u>	Antlerless	GMU 239	((10)) <u>5</u>
Alta E	Oct. ((6-12)) <u>4-10</u>	Antlerless	GMU 242	((10)) <u>5</u>
Mission G	Oct. 1-((12)) <u>10</u>	Any deer	GMU 251	((20)) <u>16</u>
Ritzville C	Oct. ((6-12)) <u>4-10</u>	Antlerless	GMU 284	50
Desert F	Sept. 8-9	Any deer	GMU 290	2
Whitcomb D	((Sept. 1-7)) <u>Aug. 30 - Sept. 5</u>	Antlerless	Deer Area 3071	7
Paterson ((B)) <u>D</u>	((Sept. 1-7)) <u>Aug. 30 - Sept. 5</u>	Antlerless	Deer Area 3072	10
Youth Special Deer Permit Hunts (Must be eligible for the youth hunting license and be accompanied by an adult during the hunt.)				
Archery Only				
Desert G	Sept. 15-16	Any deer	GMU 290	2
Special Deer Permits - Second Deer Tag				
These permits are only valid when a second license and tag is purchased. Hunters must use the method/weapon listed on their tag. The second deer license and tag type must be the same tag type as the first one. These 2nd deer special permit hunts will ((not)) affect hunters' accumulated points. <u>Hunters' points will be used if drawn for this special permit.</u>				
Hunt Name	Second Tag Season	Special Restrictions	Boundary Description	Permits
Huckleberry B	Restricted to general seasons by tag choice	Whitetail, antlerless	GMU 121	((400)) <u>150</u>
Mt. Spokane B	Restricted to general seasons by tag choice	Whitetail, antlerless	GMU 124	((500)) <u>450</u>
Almota B	Restricted to general seasons by tag choice	Antlerless	GMU 142	100
Mica Peak B	Modern firearm and archery general season only, depending on tag choice	Whitetail, antlerless	GMU 127	((200)) <u>150</u>
Northeast	Archery tag required. Any open archery hunt. Must use archery equipment.	Whitetail, antlerless	GMUs 105, 108, 121, 124	400
<u>Clarkston</u>	Dec. 9-31. Archery tag required. Must use archer equipment.	Antlerless	Deer Area 1021	<u>30</u>
Benge C	Dec. 16-31	Antlerless	Deer Area 2010	20

Hunt Name	Permit Season Dates	Special Restrictions	Boundary Description	Permits
Lakeview C	Jan. 1-30	Antlerless	Deer Area 2011	20
Methow	Sept. 4 - Oct. 12	Antlerless	Deer Area 2012	((50)) 100
High Prairie	Restricted to general early season by tag choice	Antlerless	Deer Area 3088	((50)) 20
Shaw	Restricted to general seasons by tag choice	Any deer	Deer Area 4004	((50)) 20
Lopez		Any deer	Deer Area 4005	50
Orcas		Any deer	Deer Area 4006	50
Decatur		Any deer	Deer Area 4007	50
Blakely		Any deer	Deer Area 4008	50
Cypress		Any deer	Deer Area 4009	50
San Juan		Any deer	Deer Area 4010	50
Camano		Antlerless	Deer Area 4011	50
Whidbey		Antlerless	Deer Area 4012	125
Vashon-Maury		Antlerless	Deer Area 4013	125
Guemes		Antlerless	Deer Area 4926	50
Anderson		Antlerless	Deer Area 6014	50
((Advanced Hunter Education (AHE))) Master Hunter Special Deer Permit Hunts: Only ((AHE)) master hunters may apply; antlerless only hunts will not affect accumulated points; any weapon may be used.				
Lakeview D	Dec. 9-31	Antlerless	Deer Area 2011	20

Hunter Education Instructor Incentive Permits				
<ul style="list-style-type: none"> Special deer permits will be allocated through a random drawing to those hunter education instructors that qualify. Permit hunters must use archery equipment during archery seasons, muzzleloader equipment during muzzleloader seasons, and any legal weapon during modern firearm seasons. Qualifying hunter education instructors must be certified and have been in active status for a minimum of three consecutive years, inclusive of the year prior to the permit drawing. Instructors who are drawn, accept a permit, and are able to participate in the hunt, will not be eligible for these incentive permits for a period of ten years thereafter. Permittees may purchase a second license for use with the permit hunt only. 				
Area	Dates	Restrictions	GMUs	Permits
Region 1	All general season and permit seasons established for GMUs included with the permit	Any white-tailed deer	Any 100 series GMU except GMU 157	2
Region 2		Any white-tailed deer	GMUs 204-215	2
Region 2		Any deer	GMUs 215-251	1
Region 2		Any deer	GMU 290	1
Region 3		Any deer	GMUs 335-368, 382, 388	1
Region 4		Any deer	Any 400 series GMU except GMUs 485 and 490	2
Region 5		Legal buck for 500 series GMU of choice or antlerless	Any 500 series GMU open for a general deer hunting season or a special deer permit hunting season	6
Region 6		Legal buck for GMU of choice	GMUs 654, 660, 672, 673, 681	1

AMENDATORY SECTION (Amending Order 07-166, filed 8/9/07, effective 9/9/07)

WAC 232-28-354 ~~((2007))~~ 2008 Elk special permits.

**Special Elk Permit Hunting Seasons
(Open to Permit Holders Only)**

Hunters must purchase an elk hunting license prior to purchase of a permit application. Hunters may only apply for permits consistent with the tag required for the hunt choice; however, Multiple Season Permit holders may apply for Eastern or Western Washington archery, muzzleloader, or modern firearm permit hunts. Applicants must have purchased the proper tag for these hunts. The elk tag prefixes required to apply for each hunt are shown in the following table. Hunters drawn for a special permit hunt must comply with weapon restrictions and dates listed for the hunt.

Hunt Name	Permit Season Dates	Special Restrictions	Elk Tag Prefix	Boundary Description	Permits
Modern Firearm Bull Permit Hunts (Only modern firearm elk tag holders may apply.)					
Prescott A	((Oct. 22 - Nov. 4)) Oct. 20 - Nov. 2	Any bull	EF	GMU 149	((2)) 3

Hunt Name	Permit Season Dates	Special Restrictions	Elk Tag Prefix	Boundary Description	Permits
Blue Creek A	((Oct. 22 - Nov. 4)) <u>Oct. 20 - Nov. 2</u>	Any bull	EF	GMU 154	((2)) <u>4</u>
Watershed	((Oct. 27 - Nov. 4)) <u>Oct. 25 - Nov. 2</u>	3 pt. min. or Antlerless	EA, EF, EM	GMU 157	45
Dayton A	((Oct. 22 - Nov. 4)) <u>Oct. 20 - Nov. 2</u>	Any bull	EF	GMU 162	((13)) <u>21</u>
Tucannon A	((Oct. 22 - Nov. 4)) <u>Oct. 20 - Nov. 2</u>	Any bull	EF	Elk Area 1014	((4)) <u>6</u>
Wenaha West A	((Oct. 22 - Nov. 4)) <u>Oct. 20 - Nov. 2</u>	Any bull	EF	((GMU 169)) <u>Elk Area 1008</u>	((17)) <u>15</u>
Wenaha East A	<u>Oct. 20 - Nov. 2</u>	<u>Any bull</u>	<u>EF</u>	<u>Elk Area 1009</u>	<u>15</u>
Mountain View A	((Oct. 22 - Nov. 4)) <u>Oct. 20 - Nov. 2</u>	Any bull	EF	GMU 172	((6)) <u>16</u>
Peola A	<u>Oct. 20 - Nov. 2</u>	<u>Any bull</u>	<u>EF</u>	<u>GMU 178</u>	<u>1</u>
Couse A	((Oct. 22 - Nov. 4)) <u>Oct. 20 - Nov. 2</u>	Any bull	EF	GMU 181	1
Mission A	((Oct. 22 - Nov. 4)) <u>Oct. 20 - Nov. 2</u>	Any bull	EF	GMU 251	2
Colockum A	((Oct. 22 - Nov. 4)) <u>Oct. 20 - Nov. 2</u>	Any bull	EF	GMUs 328, 329	((9)) <u>3</u>
Teanaway A	<u>Dec. 19-30</u>	Any bull	EF	GMU 335	((22)) <u>14</u>
Teanaway ((A-1) B	((Oct. 22 - Nov. 4)) <u>Oct. 20 - Nov. 2</u>	Any bull	EF	GMU 335	1
Peaches Ridge A	((Oct. 22 - Nov. 4)) <u>Oct. 20 - Nov. 2</u>	Any bull	EF	GMUs 336, 346	((135)) <u>140</u>
Little Naches A	<u>Oct. 1-10</u>	Any bull	EF	GMU 346	15
Observatory A	((Oct. 22 - Nov. 4)) <u>Oct. 20 - Nov. 2</u>	Any bull	EF	GMUs 340, 342	((80)) <u>73</u>
Goose Prairie A	((Oct. 22 - Nov. 4)) <u>Oct. 20 - Nov. 2</u>	Any bull	EF	GMUs 352, 356	((96)) <u>89</u>
Bethel A	((Oct. 22 - Nov. 4)) <u>Oct. 20 - Nov. 2</u>	Any bull	EF	GMU 360	((62)) <u>48</u>
Rimrock A	((Oct. 22 - Nov. 4)) <u>Oct. 20 - Nov. 2</u>	Any bull	EF	GMU 364	((123)) <u>120</u>
Cowiche A	((Oct. 22 - Nov. 4)) <u>Oct. 20 - Nov. 2</u>	Any bull	EF	GMU 368	((24)) <u>18</u>
Klickitat Meadows A	((Oct. 22 - Nov. 4)) <u>Oct. 20 - Nov. 2</u>	Any bull	EF	Elk Area 3068	1
Nooksack A	<u>Oct. ((13)) 11 - Nov. ((14)) 10</u>	Any bull	WF	GMU 418	7
Green River	((Oct. 27 - Nov. 2)) <u>Nov. 1-7</u>	Any bull	WF	GMU 485	3
Margaret A	<u>Nov. ((3-12)) 1-10</u>	Any bull	WF	GMU 524	((35)) <u>36</u>
Toutle A	<u>Nov. ((3-12)) 1-10</u>	Any bull	WF	GMU 556	((130)) <u>131</u>
Clearwater	<u>Oct. 1-10</u>	Any bull	WA, WF, WM	GMU 615	2
Matheny	<u>Oct. 1-10</u>	Any bull	WA, WF, WM	GMU 618	3
Olympic A	<u>Nov. 1-((9)) 10</u>	3 pt. min.	WF	GMU 621, EXCEPT for Elk Area 6071	((14)) <u>16</u>
Skokomish A	<u>Nov. 1-((9)) 10</u>	3 pt. min.	WF	GMU 636	((9)) <u>10</u>
Wynoochee	<u>Oct. 1-10</u>	Any bull	WA, WF, WM	GMU 648	1
White River A	<u>Nov. ((3-12)) 1-10</u>	Any bull	WF	GMU 653	40
Modern Firearm Elk Permit Hunts (Only modern firearm elk tag holders may apply.)					
Aladdin A	((Oct. 27 - Nov. 4)) <u>Oct. 25 - Nov. 2</u>	Any elk	EF	GMU 111	15
Selkirk A	((Oct. 27 - Nov. 4)) <u>Oct. 25 - Nov. 2</u>	Any elk	EF	GMU 113	20
49 Degrees North A	((Oct. 27 - Nov. 4)) <u>Oct. 25 - Nov. 2 & Dec. 16-31</u>	((Any elk)) <u>Antlerless</u>	EF	GMU 117	45
Blue Creek B	((Oct. 27 - Nov. 4)) <u>Oct. 25 - Nov. 2</u>	Antlerless	EF	GMUs 149, 154	((100)) <u>75</u>

Hunt Name	Permit Season Dates	Special Restrictions	Elk Tag Prefix	Boundary Description	Permits
Prescott B	((Oct. 27 - Nov. 4)) Oct. 25 - Nov. 2	Antlerless	EF	GMU 149	75
Dayton B	((Oct. 27 - Nov. 4)) Oct. 25 - Nov. 2	Antlerless	EF	GMU 163 and Elk Area 1011	100
Dayton C	((Oct. 27 - Nov. 4)) Oct. 25 - Nov. 2	Antlerless	EF	GMU 149 and Elk Area 1012	100
Peola ((A)) B	((Oct. 27 - Nov. 4)) Oct. 25 - Nov. 2	Antlerless	EF	GMU 178	50
Couse B	Oct. 1-12	Antlerless	EF	GMU 181	30
Mountain View B	((Oct. 27 - Nov. 6)) Oct. 25 - Nov. 2	Antlerless	EF	Elk Area 1013	((20)) 10
((Liek Creek A	Oct. 27 - Nov. 4	Antlerless	EF	GMU 175	25))
Malaga A	Sept. 8-30	Any elk	EF	Elk Area 2032	((5)) 3
Malaga B	Sept. 15-25	Antlerless	EF	Elk Area 2032	35
Malaga C	Nov. 6 - Dec. 31	Antlerless	EF	Elk Area 2032	((400)) 50
Malaga D	Nov. 6 - Dec. 18	Any elk	EF	Elk Area 2032	((7)) 5
Peshastin A	Sept. 15 - Oct. 5	Antlerless	EF	Elk Area 2033	20
Peshastin B	Oct. 13-31	Any elk	EF	Elk Area 2033	5
West Bar A	Oct. ((27-31)) 25-29	Antlerless	EF	GMU 330	5
West Bar B	((Nov. 1-4)) Oct. 30 - Nov. 2	Antlerless	EF	GMU 330	5
Teanaway ((B)) C	Dec. 19 - Jan. 13, ((2008)) 2009	Antlerless	EF	GMU 335	100
Taneum A	((Oct. 31 - Nov. 4)) Oct. 29 - Nov. 2	Antlerless	EF	GMU 336	150
Manastash A	((Oct. 31 - Nov. 4)) Oct. 29 - Nov. 2	Antlerless	EF	GMU 340	250
Umtanum A	((Oct. 31 - Nov. 4)) Oct. 29 - Nov. 2	Antlerless	EF	GMU 342	((250)) 200
((Cleman	Dec. 1-15	Antlerless	EF	Elk Area 3944	50))
Little Naches B	((Oct. 31 - Nov. 4)) Oct. 29 - Nov. 2	Antlerless	EF	GMU 346	150
Nile A	((Oct. 31 - Nov. 4)) Oct. 29 - Nov. 2	Antlerless	EF	GMU 352	50
Bumping ((B)) A	((Oct. 31 - Nov. 4)) Oct. 29 - Nov. 2	Antlerless	EF	GMU 356	100
Bethel B	((Oct. 31 - Nov. 4)) Oct. 29 - Nov. 2	Antlerless	EF	GMU 360	100
Rimrock B	((Oct. 31 - Nov. 4)) Oct. 29 - Nov. 2	Antlerless	EF	GMU 364	((150)) 200
Cowiche B	((Oct. 31 - Nov. 4)) Oct. 29 - Nov. 2	Antlerless	EF	GMU 368	((150)) 200
Klickitat Meadows B	((Oct. 31 - Nov. 4)) Oct. 29 - Nov. 2	Spike bull or antlerless	EF	Elk Area 3068	9
Alkali A	((Oct. 20 - Nov. 4)) Oct. 18 - Nov. 2	Any elk	EF	GMU 371	((25)) 20
Mossyrock A	Nov. ((3-12)) 1-10	Antlerless	WF	GMU 505	50
Willapa Hills A	Nov. ((3-12)) 1-10	Antlerless	WF	GMU 506	35
Winston A	Nov. ((3-12)) 1-10	Antlerless	WF	GMU 520	((130)) 100
Margaret B	Nov. ((3-12)) 19-30	Antlerless	WF	GMU 524	((50)) 60
((Margaret C	Nov. 24 - Dec. 2	Antlerless	WF	GMU 524	50))
Ryderwood A	Nov. ((3-12)) 1-10	Antlerless	WF	GMU 530	35
Coweeman A	Nov. ((3-12)) 1-10	Antlerless	WF	GMU 550	((225)) 160
Coweeman B	Jan. 1-15, ((2008)) 2009	Antlerless	WF	GMU 550	((50)) 35
Toutle B	Nov. ((3-12)) 19-30	Antlerless	WF	GMU 556	((70)) 150
((Toutle C	Nov. 24 - Dec. 2	Antlerless	WF	GMU 556	100))
Toledo A	Nov. ((3-12)) 1-10	Antlerless	WF	Elk Area 5029	20
Green Mtn C	Nov. ((3-12)) 1-10	Antlerless	WF	Elk Area 5051	10
Carlton	Sept. 22-30	Any bull	WF	Elk Area 5057	5
West Goat Rocks	Sept. 22-30	Any bull	WF	Elk Area 5058	5

Hunt Name	Permit Season Dates	Special Restrictions	Elk Tag Prefix	Boundary Description	Permits
Mt. Adams	Sept. 22-30	Any bull	WF	Elk Area 5059	5
Wildwood A	Jan. 16-30, ((2008)) 2009	Antlerless	WF	Elk Area 5061	((+5)) 20
Newaukum A	Nov. 1-10	Antlerless	WF	Elk Area 5050	5
Upper Smith Creek A	Oct. 27 - Nov. 2	Antlerless	WF	Elk Area 5064	6
Upper Smith Creek B	Oct. 27 - Nov. 2	Any elk	WF	Elk Area 5064	2
Mount Whittier A	Oct. 27 - Nov. 2	Antlerless	WF	Elk Area 5065	2
Mount Whittier B	Oct. 27 - Nov. 2	Any elk	WF	Elk Area 5065	1
Lewis River A	Nov. ((3-12)) 1-10	Antlerless	WF	GMU 560	((375)) 250
Siouxon A	Nov. ((3-12)) 1-10	Antlerless	WF	GMU 572	((+25)) 100
Raymond A	Nov. 5-10	3 pt. min. or antlerless	WF	Elk Area 6010	20
Raymond B	Dec. 16-31	Antlerless	WF	Elk Area 6010	30
Raymond C	Jan. 1-30, ((2008)) 2009	Antlerless	WF	Elk Area 6010	15
Raymond D	Feb. 1-28, ((2008)) 2009	Antlerless	WF	Elk Area 6010	15
Chehalis Valley A	Oct. 1-31	Antlerless	WF	Elk Area 6066	5
Chehalis Valley B	Nov. 5-10	Antlerless	WF	Elk Area 6066	5
North Minot A	Oct. 20-31	Antlerless	WF	Elk Area 6067	20
Deschutes	Jan. 15-23, ((2008)) 2009	Antlerless	WF	GMU 666	10
North River	Nov. 8-13	Antlerless	WF	GMU 658	10
Williams Creek	Nov. 8-13	Antlerless	WF	GMU 673	50
Tri Valley A	Dec. 1 - Jan. ((30)) 20, ((2008)) 2009	Antlerless	WF	Elk Area 6012	10
North Shore A	Nov. 4-8	Antlerless	WF	Elk Area 6068	5
Muzzleloader Bull Permit Hunts (Only muzzleloader elk tag holders may apply.)					
Note: Fire closures may limit access during early October seasons.					
Prescott C	Oct. 1-10	Any bull	EM	GMU 149	1
Blue Creek C	Oct. 1-10	Any bull	EM	GMU 154	((+)) 2
Dayton D	Oct. 1-10	Any bull	EM	GMU 162	((2)) 4
Tucannon B	Oct. 1-10	Any bull	EM	Elk Area 1014	1
Wenaha West B	Oct. 1-10	Any bull	EM	((GMU 169)) Elk Area 1008	3
Wenaha East B	Oct. 1-10	Any bull	EM	Elk Area 1009	3
Mountain View C	Oct. 1-10	Any bull	EM	GMU 172	((2)) 4
Peola C	Oct. 1-10	Any bull	EM	GMU 178	1
Couse D	Oct. 1-10	Any bull	EM	GMU 181	1
Mission B	Oct. 1-10	Any bull	EM	GMU 251	1
Colockum B	Oct. 1-10	Any bull	EM	GMUs 328, 329	((2)) 1
Teanaway ((€)) D	Dec. 9-18	Any elk	EM	GMU 335	((7)) 6
Peaches Ridge B	Oct. 1-10	Any bull	EM	GMUs 336, 346	((+9)) 23
Observatory B	Oct. 1-10	Any bull	EM	GMUs 340, 342	((23)) 24
Goose Prairie B	Oct. 1-10	Any bull	EM	GMUs 352, 356	((+4)) 15
Bethel C	Oct. 1-10	Any bull	EM	GMU 360	((+2)) 15
Rimrock C	Oct. 1-10	Any bull	EM	GMU 364	((+7)) 16
Cowiche C	Oct. 1-10	Any bull	EM	GMU 368	8
Klickitat Meadows C	Oct. 1-10	Any bull	EM	Elk Area 3068	1
Nooksack B	Sept. 29 - Oct. ((+2)) 10 and Nov. ((+2)) 11-30	Any bull	WM	GMU 418	3
Margaret D	Oct. ((6-12)) 4-10	Any bull	WM	GMU 524	8
Toutle D	Oct. ((6-12)) 4-10	Any bull	WM	GMU 556	((26)) 29
Olympic B	Oct. 4-10	((Any bull)) 3 pt. min.	WM	GMU 621, EXCEPT for Elk Area 6071	3
Skokomish B	Oct. 4-10	((Any bull)) 3 pt. min.	WM	GMU 636	2
White River B	Oct. 1-10	Any bull	WM	GMU 653	3
Muzzleloader Permit Hunts (Only muzzleloader elk tag holders may apply.)					
Aladdin B	Oct. ((6-12)) 4-10	Any elk	EM	GMU 111	10
Selkirk B	Oct. ((6-12)) 4-10	Any elk	EM	GMU 113	10
49 Degrees North B	Oct. ((6-12)) 4-10 & Dec. 16-31	((Any elk)) Antlerless	EM	GMU 117	20

Hunt Name	Permit Season Dates	Special Restrictions	Elk Tag Prefix	Boundary Description	Permits
Blue Creek D	Dec. 9 - Jan. 30, ((2008)) 2009	Antlerless	EM	GMUs 149, 154	((60)) 40
Mountain View D	Oct. ((4-12)) 4-10	Antlerless	EM	Elk Area 1013	((20)) 10
((Liek Creek B	Oct. 1-10	Antlerless	EM	GMU 175	25))
Couse E	Dec. 1-31	Antlerless	EM	GMU 181	30
Couse F	Jan. 1-((30)) 20, ((2008)) 2009	Antlerless	EM	GMU 181	30
Malaga E	Oct. 1-21	Antlerless	EM	Elk Area 2032	50
Malaga F	Oct. 1-21	Any elk	EM	Elk Area 2032	((8)) 5
West Bar C	Oct. ((6-12)) 4-10	Antlerless	EM	GMU 330	5
Taneum B	Oct. ((6-12)) 4-10	Antlerless	EM	GMU 336	25
Manastash B	Oct. ((6-12)) 4-10	Antlerless	EM	GMU 340	25
Umtanum B	Oct. ((6-12)) 4-10	Antlerless	EM	GMU 342	((250)) 200
Nile B	Oct. ((6-12)) 4-10	Antlerless	EM	GMU 352	40
Bumping B	Oct. ((6-12)) 4-10	Antlerless	EM	GMU 356	90
Bethel D	Oct. ((6-12)) 4-10	Antlerless	EM	GMU 360	40
Cowiche D	Oct. ((6-12)) 4-10	Antlerless	EM	GMU 368	((225)) 250
Klickitat Meadows D	Oct. ((6-12)) 4-10	Spike bull or antlerless	EM	Elk Area 3068	4
Alkali B	Oct. 1-15	Any elk	EM	GMU 371	((15)) 10
Stella A	Nov. ((24)) 19 - Dec. 15	Antlerless	WM	GMU 504	((150)) 100
Stella B	Jan. 1-16, ((2008)) 2009	Antlerless	WM	GMU 504	100
Toledo B	Dec. 7-20	Antlerless	WM	Elk Area 5029	30
Mossyrook B	Jan. 1-16, ((2008)) 2009	Antlerless	WM	Elk Area 5052	30
Randle A	Jan. 1-16, ((2008)) 2009	Antlerless	WM	Elk Area 5053	15
Boistfort A	Jan. 1-16, ((2008)) 2009	Antlerless	WM	Elk Area 5054	40
Willapa Hills B	Nov. ((24)) 19 - Dec. 15	Antlerless	WM	GMU 506	15
Green Mt. A	Jan. 1-16, ((2008)) 2009	Antlerless	WM	Elk Area 5051	30
Wildwood B	Jan. 1-15, ((2008)) 2009	Antlerless	WM	Elk Area 5061	((15)) 20
Winston B	((Nov. 21 - Dec. 15)) Oct. 4-10	Antlerless	WM	GMU 520	((60)) 45
Margaret E	Oct. ((6-12)) 4-10	Antlerless	WM	GMU 524	((40)) 35
Ryderwood B	Oct. ((6-12)) 4-10	Antlerless	WM	GMU 530	15
Coweeman C	Nov. ((24)) 19 - Dec. 15	Antlerless	WM	GMU 550	((60)) 45
Toutle E	Oct. ((6-12)) 4-10	Antlerless	WM	GMU 556	((75)) 50
Lewis River B	Oct. ((6-12)) 4-10	Antlerless	WM	GMU 560	((225)) 160
Siouxon B	Oct. ((6-12)) 4-10	Antlerless	WM	GMU 572	((75)) 50
Yale A	Oct. ((6-12)) 4-10	Antlerless	WM	GMU 554	((75)) 50
Yale B	Nov. ((24)) 19 - Dec. 15	3 pt. min. or antlerless	WM	GMU 554	75
Ethel A	Aug. 1-15	Antlerless	WM	Elk Area 5049	10
Ethel B	Aug. 16-31	Antlerless	WM	Elk Area 5049	10
Newaukum B	Jan. 1-31, 2009	Antlerless	WM	Elk Area 5050	10
Upper Smith Creek C	Oct. 18-26	Antlerless	WM	Elk Area 5064	6
Upper Smith Creek D	Oct. 18-26	Any elk	WM	Elk Area 5064	2
Mount Whittier C	Oct. 18-26	Antlerless	WM	Elk Area 5065	2
Mount Whittier D	Oct. 18-26	Any elk	WM	Elk Area 5065	1
Twin Satsop A	Jan. 5-15, ((2008)) 2009	Antlerless	WM	Elk Area 6061	10
Mashel A	Jan. 1-15, ((2008)) 2009	Antlerless	WM	Elk Area 6054	25
North River	Nov. 26 - Dec. 15	Antlerless	WM	GMU 658	20
North Minot B	Oct. 1-7	Antlerless	WM	Elk Area 6067	20
Raymond E	Oct. 1-31	Antlerless	WM	Elk Area 6010	30
Chehalis Valley C	Jan. 1-((30)) 20, ((2008)) 2009	Antlerless	WM	Elk Area 6066	((15)) 5
((Capitol Peak A	Nov. 19 - Dec. 15	Antlerless	WM	GMU 663	15))
Tri Valley B	Dec. 16 - Jan. ((30)) 20, ((2008)) 2009	Antlerless	WM	Elk Area 6012	30
Archery Permit Hunts (Only archery elk tag holders may apply.)					
Note: Fire closures may limit access during September seasons.					
Prescott D	Sept. 8-21	Any bull	EA	GMU 149	((4)) 2
Blue Creek E	Sept. 8-21	Any bull	EA	GMU 154	((2)) 4

Hunt Name	Permit Season Dates	Special Restrictions	Elk Tag Prefix	Boundary Description	Permits
Dayton E	Sept. 8-21	Any bull	EA	GMU 162	((7)) 8
Tucannon C	Sept. 8-21	Any bull	EA	Elk Area 1014	3
Wenaha West C	Sept. 8-21	Any bull	EA	((GMU 169)) Elk Area 1008	((4)) 3
Wehaha East C	Sept. 8-21	Any bull	EA	Elk Area 1009	3
Mountain View E	Sept. 8-21	Any bull	EA	GMU 172	((3)) 7
Peola D	Sept. 8-21	Any bull	EA	GMU 178	1
Couse G	Sept. 8-21	Any bull	EA	GMU 181	1
Colockum C	Sept. 8-21	Any bull	EA	GMUs 328, 329	((3)) 2
Teanaway E	Nov. 20 - Dec. 8	Any bull	EA	GMU 335	((34)) 18
Peaches Ridge C	Sept. 8-21	Any bull	EA	GMUs 336, 346	104
Observatory C	Sept. 8-21	Any elk	EA	GMUs 340, 342	((94)) 94
Goose Prairie C	Sept. 8-21	Any bull	EA	GMUs 352, 356	((138)) 127
Bethel E	Sept. 8-21	Any bull	EA	GMU 360	((43)) 32
Rimrock D	Sept. 8-21	Any bull	EA	GMU 364	((93)) 103
Cowiche E	Sept. 8-21	Any bull	EA	GMU 368	((48)) 13
Klickitat Meadows E	Oct. 11-22	Any bull	EA	Elk Area 3068	1
Klickitat Meadows F	Oct. 11-22	Spike bull or antlerless	EA	Elk Area 3068	9
Malaga G	Sept. 1-7	Antlerless	EA	Elk Area 2032	25
Peshastin C	Sept. 1-14	Any elk	EA	Elk Area 2033	15
Nooksack C	Sept. 1-28 and Dec. 1-31	Any bull	WA	GMU 418	3
Margaret F	Sept. 15-30 and Dec. 1-15	Any bull	WA	GMU 524	13
Margaret G	Sept. 15-30 and Dec. 1-15	Antlerless	WA	GMU 524	((50)) 35
Toutle F	Sept. 15-30 and Dec. 1-15	Any bull	WA	GMU 556	((66)) 71
Toutle G	Sept. 15-30 and Dec. 1-15	Antlerless	WA	GMU 556	((90)) 60
Ethel C	Jan 1-20, 2009	Antlerless	WA	Elk Area 5049	10
Newaukum C	Aug. 1-15	Antlerless	WA	Elk Area 5050	10
Newaukum D	Aug. 16-31	Antlerless	WA	Elk Area 5050	10
Upper Smith Creek E	Oct. 11-17	Antlerless	WA	Elk Area 5064	6
Upper Smith Creek F	Oct. 11-17	Any elk	WA	Elk Area 5064	2
Mount Whittier E	Oct. 11-17	Antlerless	WA	Elk Area 5065	2
Mount Whittier F	Oct. 11-17	Any elk	WA	Elk Area 5065	1
Lewis River C	Nov. ((24)) 19-30	3 pt. min. or antlerless	WA	GMU 560	50
Siouxon C	Nov. ((24)) 19-30	3 pt. min. or antlerless	WA	GMU 572	25
Olympic C	Sept. 8-21	3 pt. min.	WA	GMU 621, EXCEPT for Elk Area 6071	((7)) 6
Skokomish C	Sept. 8-21	3 pt. min.	WA	GMU 636	((6)) 5
White River C	Sept. 8-21	Any bull	WA	GMU 653	((44)) 15
((Advanced Hunter Education (AHE))) Master Hunter Special Elk Permit Hunts: Only ((AHE)) master hunters may apply; antlerless only hunts will not affect accumulated points; and any weapon may be used.					
((Peshastin D)	Aug. 18-31	Any elk	Any elk tag	Elk Area 2033	5)
Mossyrock C	Jan. 17-30, ((2008)) 2009	Antlerless	Any elk tag	Elk Area 5052	20
Randle B	Jan. 17-30, ((2008)) 2009	Antlerless	Any elk tag	Elk Area 5053	15
Pumice Plains A	Oct. 25 - Nov. 2	Antlerless	Any elk tag	Elk Area 5063	10
Pumice Plains B	Oct. 18-24	Any elk	Any elk tag	Elk Area 5063	4
Quinault Ridge	Oct. 1-10	3 pt. min. or antlerless	Any elk tag	GMU 638	5
Green Mt. B	Jan. 17-30, ((2008)) 2009	Antlerless	Any elk tag	Elk Area 5051	20
Merwin A	Nov. 21 - Dec. 15	Antlerless	Any elk tag	Elk Area 5060	10
Merwin B	Jan. 17-30, ((2008)) 2009	Antlerless	Any elk tag	Elk Area 5060	10
((Advanced Hunter Education (AHE))) Master Hunter, Second Elk Tag Hunts: Only ((AHE)) master hunters may apply; these hunts will not affect accumulated points; a second tag may be purchased by successful applicants as needed; and any weapon may be used. The second elk license and tag type must be the same tag type as the first one.					
Peola ((B)) E	Oct. ((4-12)) 1-10	Antlerless	((Any elk tag)) EM	GMU 178	15
Malaga H	Aug. 1 - Mar. 31, ((2008)) 2009	Antlerless	Any elk tag	Elk Area 2032	100 ^{HM}
Malaga I	Aug. 1 - Feb. 28, ((2008)) 2009	Any elk	Any elk tag	Elk Area 2032	((20)) 6 ^{HM}

Hunt Name	Permit Season Dates	Special Restrictions	Elk Tag Prefix	Boundary Description	Permits
Peshastin E	Aug. 1 - Mar. 31, ((2008)) 2009	Antlerless	Any elk tag	Elk Area 2033	((50)) 100 ^{HM}
Peshastin F	Aug. 1 - Feb. 28, ((2008)) 2009	Any elk	Any elk tag	Elk Area 2033	((20)) 6 ^{HM}
Fairview	((Feb. 1-29, 2008)) Jan. 21 - Feb. 28, 2009	Antlerless	Any elk tag	Elk Area 3911	20 ^{HM}
Rattlesnake Hills	Aug. 1 - Feb. ((29)) 28, ((2008)) 2009	Antlerless or spike bull	Any elk tag	Designated areas in GMU 372	20 ^{HM}
Toledo C	Dec. 21-31	((Antlerless and spike bull)) Any elk	Any elk tag	Elk Area 5029	20
Toledo D	Aug. 1-7	((Antlerless and spike bull)) Any elk	Any archery elk tag	Elk Area 5029	5
Toledo E	Aug. 8-14	((Antlerless and spike bull)) Any elk	Any archery elk tag	Elk Area 5029	5
Toledo F	Aug. 15-21	((Antlerless and spike bull)) Any elk	Any ((archery)) muzzleloader elk tag	Elk Area 5029	5
Toledo G	Aug. 22-28	((Antlerless and spike bull)) Any elk	Any ((archery)) muzzleloader elk tag	Elk Area 5029	5
Boistfort B	Aug. 1-7	((Antlerless and spike bull)) Any elk	Any archery elk tag	Elk Area 5054	5
Boistfort C	Aug. 8-14	((Antlerless and spike bull)) Any elk	Any archery elk tag	Elk Area 5054	5
Boistfort D	Aug. 15-21	((Antlerless and spike bull)) Any elk	Any ((archery)) muzzleloader elk tag	Elk Area 5054	5
Boistfort E	Aug. 22-28	((Antlerless and spike bull)) Any elk	Any ((archery)) muzzleloader elk tag	Elk Area 5054	5
JBH *	Nov. 12 - Feb. 28, ((2008)) 2009	Antlerless	Any elk tag	Elk Area 5090	20 ^{HM}
((Trout Lake A**	Nov. 21-30	Antlerless	Any elk tag	Elk Area 5062	5
Trout Lake B**	Dec. 1-14	Antlerless	Any elk tag	Elk Area 5062	5))
Trout Lake ((C)) A**	Dec. 15-31	Antlerless	Any elk tag	Elk Area 5062	((5)) 3
Trout Lake ((D)) B**	Jan. 1-14, ((2008)) 2009	Antlerless	Any elk tag	Elk Area 5062	((5)) 3
Trout Lake ((E)) C**	Jan. 15-30, ((2008)) 2009	Antlerless	Any elk tag	Elk Area 5062	((5)) 3
North River B	Dec. 16 - Feb. 28, ((2008)) 2009	Antlerless	Any elk tag	Designated areas in GMU 658	10 ^{HM}
Chehalis Valley D	Aug. 1 - Feb. 28, ((2008)) 2009	Antlerless	Any elk tag	Designated areas in Elk Area 6066	10 ^{HM}
Raymond F	Dec. 1 - Mar. 31, ((2008)) 2009	Antlerless	Any elk tag	Elk Area 6010	10 ^{HM}
Hanaford C	Aug. 1 - Mar. 31, ((2008)) 2009	Antlerless	Any elk tag	Designated areas in Elk Area 6069	5 ^{HM}
Dungeness A	Sept. 1 - Feb. 28, ((2008)) 2009	3 pt. min.	Any elk tag	Elk Area 6071 north of Hwy 101 only	((12)) 8 ^{HM}
Dungeness B	Oct. 1 - Dec. 31	Antlerless	Any elk tag	Elk Area 6071 north of Hwy 101 only	((8)) 6 ^{HM}
Youth - Special Elk Permit Hunts (Must be eligible for the youth hunting license and accompanied by an adult during the hunt.)					
((Mudflow A	Oct. 9-14	Antlerless	WF	Elk Area 5099	6))
Mudflow ((B)) A	Oct. ((23-28)) 20-26	Antlerless	((WF)) Any elk tag	Elk Area 5099	((6)) 4
((Mudflow C	Nov. 20-25	Antlerless	WF	Elk Area 5099	6))
Dungeness C	Sept. 1 - Feb. 28, ((2008)) 2009	Any elk	Any elk tag	Elk Area 6071 north of Hwy 101 only	4 ^{HM}
Sol Duc Valley	Aug. 1 - Jan. 22, ((2008)) 2009	Antlerless	Any elk tag	Elk Area 6072	((10)) 2
Clearwater Valley	Aug. 1 - Mar. 31, ((2008)) 2009	Antlerless	Any elk tag	Elk Area 6073	1
Persons of Disability Only - Special Elk Permit Hunts					
Sol Duc Valley B	Aug. 1 - Jan. 22, ((2008)) 2009	Antlerless	Any elk tag	Elk Area 6072	((5)) 2
Observatory D	((Oct. 22 - Nov. 4)) Oct. 20 - Nov. 2	Any elk	EF or EM	GMUs 340, 342	7
Little Naches C	Oct. 1-10	Any elk	EF, EM, EA	GMU 346	5

Hunt Name	Permit Season Dates	Special Restrictions	Elk Tag Prefix	Boundary Description	Permits
Little Naches D	((Oct. 31 - Nov. 4) Oct. 29 - Nov. 2	Antlerless	EF, EM, EA	GMU 346	8
Alkali C	((Oct. 20 - Nov. 4) Oct. 18 - Nov. 2	Any elk	EF	GMU 371	((4) 5
Corral Canyon	Sept. 28 - Oct. 5	Any elk	Any elk tag	Elk Area 3721	2
Mudflow B	Sept. 15-21	Any elk	Any elk tag	Elk Area 5099	4
Mudflow (F) C	((Oct. 16-21) Sept. 29 - Oct. 5	((Antlerless)) Any elk	Any elk tag	Elk Area 5099	((6) 4
Mudflow D	((Sept. 25-30) Nov. 10-16	((Any elk)) Antlerless	Any elk tag	Elk Area 5099	((6) 4
((Mudflow E	Oct. 2-7	Any elk	Any elk tag	Elk Area 5099	6
Mudflow G	Oct. 30 - Nov. 4	Antlerless	Any elk tag	Elk Area 5099	6))
Ethel D	Nov. 1-10	Antlerless	Any elk tag	Elk Area 5049	5
Centralia Mine A	Oct. ((27-28)) 25-26	Antlerless	Any elk tag	Elk Area 6011	2
Centralia Mine B	Nov. ((3-4) 1-2	Antlerless	Any elk tag	Elk Area 6011	2
North Shore B	Oct. 1-31	Antlerless	Any elk tag	Elk Area 6068	5
North Shore C	Dec. 16-31	Antlerless	Any elk tag	Elk Area 6068	5
Chehalis Valley E	Dec. 16-31	Antlerless	Any elk tag	Elk Area 6066	((15) 10
((Hanaford A	Jan. 1-15, 2008	Antlerless	Any elk tag	Elk Area 6069	5))
Hunters 65 or Older Only - Special Elk Permit Hunts					
Hanaford ((B))	Jan. 16-30, ((2008)) 2009	Antlerless	Any elk tag	Elk Area 6069	5
Mudflow ((H) E	((Sept. 18-23) Nov. 24-30	Antlerless	Any elk tag	Elk Area 5099	((6) 4
Margaret H	Nov. 11-16	Antlerless	WF	GMU 524	10
((Mudflow I	Nov. 6-12	Antlerless	Any elk tag	Elk Area 5099	6
Mudflow J	Nov. 27 - Dec. 2	Antlerless	Any elk tag	Elk Area 5099	6))

*Muzzleloaders only; scopes allowed in JBH hunt.

**May only hunt on privately owned lands. Must use only archery or legal shotgun (10 or 12 gauge; slugs only).

^{HM}This is a damage hunt administered by a WDFW designated hunt master. Successful applicants will be contacted on an as-needed basis to help with specific sites of elk damage on designated landowner's property. Not all successful applicants will be contacted in any given year depending on elk damage activity for that year.

Hunter Education Instructor Incentive Permits				
<ul style="list-style-type: none"> - Special elk permits will be allocated through a random drawing to those hunter education instructors that qualify. - Permit hunters must use archery equipment during archery seasons, muzzleloader equipment during muzzleloader seasons, and any legal weapon during modern firearm seasons. - Qualifying hunter education instructors must be certified and have been in active status for a minimum of three consecutive years, inclusive of the year prior to the permit drawing. - Instructors who are drawn, accept a permit, and are able to participate in the hunt, will not be eligible for these incentive permits for a period of ten years thereafter. - Permittees may purchase a second license for use with the permit hunt only. 				
Area	Dates	Restrictions	GMUs	Permits
Region 3	All general season and permit seasons established for GMUs included with the permit	Any elk	GMUs 335-368	2
Region 5		Any elk	All 500 series GMUs except GMU 522	4
Region 6		Any elk	GMUs 654, 660, 672, 673, 681	1

WSR 08-09-092

PERMANENT RULES

DEPARTMENT OF TRANSPORTATION

[Filed April 18, 2008, 4:07 p.m., effective May 19, 2008]

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

Purpose: The proposed WAC rule allows a reservation system on the Port Townsend - Keystone ferry route due to temporarily reduced capacity. The rule is a mitigating measure as a result of reduced vessel capacity on the ferry route.

Citation of Existing Rules Affected by this Order: Amending WAC 468-300-700.

Statutory Authority for Adoption: RCW 47.56.030, 47.60.140.

Adopted under notice filed as WSR 08-06-078 on March 4, 2008.

Changes Other than Editing from Proposed to Adopted Version: The adopted version includes a few clarifying words to: (i) Identify "pilot program" status consistent with the stated purpose of the amended rule; and (ii) identify passenger reservations as "advance" reservations.

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 1, Repealed 0; Pilot Rule Making: New 0, Amended 0, Repealed 0; or Other Alternative Rule Making: New 0, Amended 0, Repealed 0.

Date Adopted: April 8, 2008.

April 18, 2008

Stephen T. Reinmuth
Chief of Staff

AMENDATORY SECTION (Amending WSR 03-08-072, filed 4/1/03, effective 5/2/03)

WAC 468-300-700 Preferential loading. In order to protect public health, safety and commerce; to encourage more efficient use of the ferry system; and to reduce dependency on single occupant private automobiles:

(1) Preferential loading privileges on vessels operated by Washington state ferries (WSF), exempting vehicles from the standard first-come first-served rule, shall be granted in the order set forth below:

(a) An emergency medical vehicle, medical unit, aid unit, or ambulance dispatched to and returning from an emergency or nonemergency call while in service. Up to one additional vehicle may accompany a qualifying emergency medical vehicle or authorized med-evac when going to, but not when returning from, an emergency.

(b) A public police or fire vehicle only when responding to an emergency call, but not when returning from either an emergency or a nonemergency call. However, these vehicles will receive priority loading when they are returning from either an emergency or nonemergency call to Vashon Island or the San Juan Islands.

(c) A public utility or public utility support vehicle only when responding to an emergency call, but not when returning from either an emergency or a nonemergency call.

(d) Where a vehicle occupant states that an extended wait would cause detrimental health risks to a vehicle occupant, that vehicle will be allowed preferential loading whenever the afflicted occupant has provided a medical form certified by a physician that such preferential loading is required.

However, when that vehicle occupant has not submitted the proper medical form, preferential loading will be permissible based upon appropriate terminal staff determination.

(e) Preferential loading may be granted for vehicles carrying passengers needing to attend to a family member subject to risk of physical threat/harm or medical emergencies which requires the customer's timely access to the vessel's destination.

(f) A visibly marked school vehicle owned, operated, or sponsored by a school** when operating on regular sched-

ules preapproved by the WSF or when advance notice is provided to each affected WSF terminal (**as defined in RCW 28A.150.010 (K-12), RCW 28A.150.020 (public schools), RCW 28A.195.010 (K-12 private schools), and RCW 28B.195.070 (secondary schools)).

(g) A visibly marked, preapproved or regularly scheduled publicly or privately owned public transportation vehicle** operating under a Washington state utilities and transportation commission certificate for public convenience and necessity (**as defined in RCW 81.68.010 (regular route/fixed termini), RCW 81.70.010 (charter and excursion)).

(h) A visibly marked nonprofit or publicly supported transportation vehicle** having provided each affected WSF terminal with advance notice and displaying a WSF permit making it readily identifiable as a public transportation vehicle (**as defined in chapter 81.66 RCW (private, nonprofit special needs)).

(i) A visibly marked and randomly scheduled private for profit transportation vehicle** operating under a Washington state utilities and transportation commission certificate for public convenience and necessity traveling on routes where WSF is the only major access for land-based traffic only when that private for profit transportation vehicle has provided each affected WSF terminal with a preapproved schedule and/or advance notice of its proposed sailing(s), (**as defined in chapter 81.68 RCW (regular route/fixed termini), chapter 81.70 RCW (charter and excursion), chapter 81.66 RCW (private nonprofit special needs), chapter 46.72 RCW (private, for hire)).

(j) A ride-sharing vehicle for persons with special transportation needs** transporting a minimum of three elderly and/or disabled riders or two elderly and/or disabled riders and an attendant displaying WSF ride-share registration program permit only when the operator of that vehicle has provided each affected WSF terminal with advance notice of its proposed sailing(s) (**as defined in RCW 46.74.010 (ride sharing for persons with special transportation needs)).

(k) A visibly marked, public ride-share vehicle** owned by a transit agency and leased out to members of the public through the transit agency's registration program only when the operator of that vehicle has provided each affected WSF terminal with advance notice of its proposed sailing(s) (**as defined in RCW 46.74.010 (commuter ride sharing)).

(l) A privately owned commuter ride-share vehicle** that visibly displays WSF approved identification markings readily identifiable by the public. There must be a minimum of three occupants in any such vehicle to receive preferential loading. Any such ride-share vehicle must be registered and in good standing in the WSF ride-share registration program (**as defined by RCW 46.74.010 (commuter ride sharing)).

(m) Specific to the Anacortes-San Juan Islands routes, a vehicle carrying livestock and traveling on routes where Washington state ferries is the only major access for land-based traffic, where such livestock (i) is raised for commercial purposes and is recognized by the department of agriculture, county agriculture soil and conservation service, as raised on a farm; or (ii) is traveling to participate in a 4H event sanctioned by a county extension agent.

(n) Specific to the Seattle-Bainbridge and Edmonds-Kingston ferry routes, where a vehicle occupant claims that an extended wait would cause detrimental health risks to their livestock en route to veterinarian services not available in the local community, that vehicle will be allowed preferential loading whenever the vehicle occupant has provided a medical form certified by a veterinarian that such preferential loading is required.

(o) Specific to the Fauntleroy-Vashon, Seattle-Bainbridge, Mukilteo-Clinton, and Anacortes-San Juan ferry routes, any mail delivery vehicle with proper documentation from the U.S. Postal Service showing that such vehicle is in the actual process of delivering mail.

(p) Specific to the Anacortes-San Juan Islands routes, a vehicle 20 ft. and over in length and 10,000 lbs. or greater in weight, provided that the vehicle is carrying or returning from carrying article(s) of commerce for purchase or sale in commercial activity.

(q) Vehicles 20 feet and over in length engaged in the conduct of commerce and/or transportation of passengers where and when WSF management has determined that the sale of vehicle space may promote higher utilization of available route capacity and an increase in revenues.

(r) An oversized or overweight vehicle (20 ft. and over in length, and/or over 8 1/2 ft. in width, and 80,000 lbs. or greater in weight) requiring transport at special times due to tidal conditions, vessel assignments, or availability of space.

(s) As a pilot program during temporarily reduced service capacity, vehicles under 20 feet in length and passengers traveling with advance reservations on routes serving Port Townsend.

(t) A scheduled bicycle group as determined by WSF only when a representative of that group has provided WSF with advance notice of the proposed travel schedule.

(2) Preferential loading privileges shall be subject to the following conditions:

(a) Privileges shall be granted only where physical facilities are deemed by WSF management to be adequate to allow granting the privilege and achieving an efficient operation.

(b) Subject to specified exceptions, documentation outlining qualifications for preferential loading and details of travel will be required in advance from all agencies, companies, or individuals requesting such privileges.

(c) Privileges may be limited to specified time periods as determined by WSF management.

(d) Privileges may require a minimum frequency of travel, as determined by WSF management.

(e) Privileges may be limited to a specific number of vehicle deck spaces and passenger capacity for any one sailing.

(f) Privileges may require arriving at the ferry terminal at a specified time prior to the scheduled sailing.

(3) To obtain more information about the documentation required and conditions imposed under subsection (2) of this section, call WSF's general information number, ((4))206((4))-464-6400, or a terminal on a route for which the preferential boarding right is requested.

WSR 08-09-093

PERMANENT RULES

DEPARTMENT OF HEALTH

[Filed April 18, 2008, 4:42 p.m., effective May 19, 2008]

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

Purpose: This rule revision addresses recent federal rule changes pertaining to transportation of radioactive materials. The rule improves public health by revising transportation procedures that pose the highest risk of exposure to workers and the general public, and structures the regulations to be more risk-informed and performance-based.

Citation of Existing Rules Affected by this Order: Repealing WAC 246-231-070; amending WAC 246-231-001, 246-231-005, 246-231-010, 246-231-030, 246-231-040, 246-231-060, 246-231-080, 246-231-090, 246-231-100, 246-231-110, 246-231-120, 246-231-140, and 246-231-200.

Statutory Authority for Adoption: RCW 70.98.050.

Adopted under notice filed as WSR 08-03-067 on January 14, 2008.

Changes Other than Editing from Proposed to Adopted Version: Two changes were made from the proposed to the final rule. The first change corrected a cross reference in WAC 246-231-136 from WAC 246-231-133 to WAC 246-231-040(4). The second change was to underline Table 2 in WAC 246-231-200. The code reviser's office published a note with the CR-102 filing in the Washington state register to address this error. There are no other changes.

Number of Sections Adopted in Order to Comply with Federal Statute: New 0, Amended 0, Repealed 0; Federal Rules or Standards: New 17, Amended 13, Repealed 1; 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 17, Amended 13, Repealed 1.

Date Adopted: April 16, 2008.

Mary C. Selecky
Secretary

AMENDATORY SECTION (Amending WSR 99-15-105, filed 7/21/99, effective 8/21/99)

WAC 246-231-001 Purpose and scope. (1) This chapter establishes requirements for packaging, preparation for shipment, and transportation of radioactive material.

(2) ~~((These rules are in addition to))~~ Licensees shall also comply with applicable requirements of the United States Nuclear Regulatory Commission (USNRC), the United States Department of Transportation (USDOT), the ~~((U.S.))~~ United States Postal Service¹ (USPS), and other requirements of Title 246 WAC.

(3) The regulations in this chapter apply to any licensee authorized by specific or general license issued by the department, USNRC or an agreement state, to receive, possess, use, or transfer licensed material, if the licensee delivers that material to a carrier for transport, transports the material outside the site of usage as specified in the license, or transports that material on public highways. No provision of this chapter authorizes possession of licensed material.

¹ ((Postal Service Manual (Domestic Mail Manual), section 124.3, which is incorporated by reference at)) Mailing Standards of the United States Postal Service, Domestic Mail Manual, 39 CFR 111.1.

AMENDATORY SECTION (Amending WSR 99-15-105, filed 7/21/99, effective 8/21/99)

WAC 246-231-005 Requirement for license. No ~~((person))~~ licensee shall deliver radioactive material to a carrier for transport, or transport radioactive material, except as authorized in a general or specific license issued by the department, USNRC or an agreement state, or as exempted in this chapter.

AMENDATORY SECTION (Amending WSR 99-15-105, filed 7/21/99, effective 8/21/99)

WAC 246-231-010 Definitions. The following terms are as defined here for the purpose of this chapter. To ensure compatibility with international transportation standards, all limits in this chapter are given in terms of dual units: The International System of Units (SI) followed or preceded by U.S. standard or customary units. The U.S. customary units are not exact equivalents, but are rounded to a convenient value, providing a functionally equivalent unit. For the purpose of this chapter, either unit may be used.

(1) "A1" means the maximum activity of special form radioactive material permitted in a Type A package. This value is either listed in WAC 246-231-200, Table A-1 or may be derived in accordance with the procedures prescribed in WAC 246-231-200.

(2) "A2" means the maximum activity of radioactive material, other than special form material, LSA and SCO material, permitted in a Type A package. ~~((These))~~ This value ~~((s are))~~ is either listed in WAC 246-231-200, Table A-1, or may be derived in accordance with the procedure prescribed in WAC 246-231-200.

(3) "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).

(4) "Carrier" means a person engaged in the transportation of passengers or property by land or water as a common, contract, or private carrier, or by civil aircraft.

~~((4))~~ (5) "Certificate holder" means a person who has been issued a certificate of compliance or other package approval by the U.S. Nuclear Regulatory Commission (USNRC).

~~((5))~~ (6) "Certificate of compliance (CoC)" means the certificate issued by the USNRC under 10 CFR 71 Subpart D which approves the design of a package for the transportation of radioactive material.

(7) "Close reflection by water" means immediate contact by water of sufficient thickness for maximum reflection of neutrons.

~~((6))~~ (8) "Consignment" means each shipment of a package or groups of packages or load of radioactive material offered by a shipper for transport.

(9) "Containment system" means the assembly of components of the packaging intended to retain the radioactive material during transport.

~~((7))~~ (10) "Conveyance" means:

(a) For transport by public highway or rail any transport vehicle or large freight container;

(b) For transport by water any vessel, or any hold, compartment, or defined deck area of a vessel including any transport vehicle on board the vessel; and

(c) For transport by ~~((aircraft))~~ any aircraft.

~~((8))~~ (11) "Criticality safety index (CSI)" means the dimensionless number (rounded up to the next tenth) assigned to and placed on the label of a fissile material package, to designate the degree of control of accumulation of packages containing fissile material during transportation. Determination of the criticality safety index is described in WAC 246-231-094, 246-231-096, and 10 CFR 71.59.

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

(13) "Deuterium" means, for the purposes of WAC 246-231-040 and 246-231-094, deuterium and any deuterium compounds, including heavy water, in which the ratio of deuterium atoms to hydrogen atoms exceeds 1:5000.

(14) "DOT" and "USDOT" mean the United States Department of Transportation. USDOT regulations are found in Code of Federal Regulations Title 49 Transportation.

(15) "Exclusive use" means the sole use by a single consignor of a conveyance for which all initial, intermediate, and final loading and unloading are carried out in accordance with the direction of the consignor or consignee. The consignor and the carrier must ensure that any loading or unloading is performed by personnel having radiological training and resources appropriate for safe handling of the consignment. The consignor must issue specific instructions, in writing, for maintenance of exclusive use shipment controls, and include them with the shipping paper information provided to the carrier by the consignor.

~~((9))~~ (16) "Fissile material" means ~~((plutonium-238, plutonium-239, plutonium-241, uranium-233, uranium-235,))~~ the radionuclides uranium-233, uranium-235, plutonium-239, and plutonium-241, or any combination of these radionuclides. Fissile material means the fissile nuclides themselves, not material containing fissile nuclides. Unirradiated natural uranium and depleted uranium, and natural uranium or depleted uranium that has been irradiated in thermal reactors only are not included in this definition. Certain exclusions from fissile material controls are provided in ~~((USNRC regulations 10 CFR 71.53))~~ WAC 246-231-040.

~~((10))~~ "Highway route controlled quantity" means a quantity within a single package which exceeds:

(a) 3,000 times the A1 or A2 quantity specified in WAC 246-231-200; or

~~(b) 1,000 TBq (27,000 Ci) whichever is least.)~~ (17) "Graphite" means graphite with a boron equivalent content less than 5 parts per million and density greater than 1.5 grams per cubic centimeter.

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

~~((14))~~ (19) "Licensed material" means radioactive, by-product, source, or special nuclear material received, possessed, used, or transferred under a general or specific license issued by the department pursuant to the regulations in this chapter, or issued by the USNRC or an agreement state pursuant to equivalent regulations.

~~((12))~~ (20) "Licensee" means any person who is licensed by the department under these rules and the act.

(21) "Low specific activity (LSA) material" means radioactive material with limited specific activity ~~((that))~~ which is nonfissile or is excepted under WAC 246-231-040 satisfies the descriptions and limits set forth below. Shielding materials surrounding the LSA material may not be considered in determining the estimated average specific activity of the package contents. LSA material must be in one of three groups:

(a) LSA-I.

~~(i) (Ores containing only naturally occurring radionuclides (e.g., uranium, thorium) and uranium or thorium concentrates of such ores; or) Uranium and thorium ores, concentrates of uranium and thorium ores, and other ores containing naturally occurring radioactive radionuclides which are not intended to be processed for the use of these radionuclides; or~~

(ii) Solid unirradiated natural uranium or depleted uranium or natural thorium or their solid or liquid compounds or mixtures; or

(iii) Radioactive material ~~((; other than fissile material,))~~ for which the A2 value is unlimited; or

~~(iv) (Mill tailings, contaminated earth, concrete, rubble, other debris, and activated material in which the radioactive material is essentially uniformly distributed, and the average specific activity does not exceed 1E-6 A2/g.) Other radioactive material in which the activity is distributed throughout and the estimated average specific activity does not exceed 30 times the value for exempt material activity concentration determined in accordance with Appendix A.~~

(b) LSA-II.

(i) Water with tritium concentration up to 0.8 TBq/liter (20.0 Ci/liter); or

~~(ii) Other material in which the ~~((radioactive material))~~ activity is distributed throughout, and the average specific activity does not exceed 1E-4 A2/g for solids and gases, and 1E-5 A2/g for liquids.~~

(c) LSA-III. Solids (e.g., consolidated wastes, activated materials), excluding powders, that satisfy the requirements of the 10 CFR 71.77, in which:

(i) The radioactive material is distributed throughout a solid or a collection of solid objects, or is essentially uniformly distributed in a solid compact binding agent (such as concrete, bitumen, ceramic, etc.); and

(ii) The radioactive material is relatively insoluble, or it is intrinsically contained in a relatively insoluble material, so that, even under loss of packaging, the loss of radioactive

material per package by leaching, when placed in water for seven days, would not exceed 0.1 A2; and

(ii) The estimated average specific activity of the solid does not exceed 2E-3 A2/g.

~~((13))~~ (22) "Low toxicity alpha emitters" means natural uranium, depleted uranium, natural thorium; uranium-235, uranium-238, thorium-232, thorium-228 or thorium-230 when contained in ores or physical or chemical concentrates or tailings; or alpha emitters with a half-life of less than ten days.

~~((14))~~ (23) "Maximum normal operating pressure" means the maximum gauge pressure that would develop in the containment system in a period of one year under the heat condition specified in USNRC regulations ~~((Title))~~ 10 CFR 71.71 (c)(1), in the absence of venting, external cooling by an ancillary system, or operational controls during transport.

~~((15))~~ (24) "Natural thorium" means thorium with the naturally occurring distribution of thorium isotopes (essentially 100 weight percent thorium-232).

~~((16))~~ (25) "Normal form radioactive material" means radioactive material that has not been demonstrated to qualify as "special form radioactive material."

~~((17))~~ (26) "Nuclear waste" as used in WAC 246-231-140 means any quantity of radioactive material (not including radiography sources being returned to the manufacturer) required to be in Type B packaging while transported to, through, or across state boundaries to a disposal site, or to a collection point for transport to a disposal site. Nuclear waste, as used in these regulations, is a special classification of radioactive waste.

~~((18))~~ (27) "Optimum interspersed hydrogenous moderation" means the presence of hydrogenous material between packages to such an extent that the maximum nuclear reactivity results.

~~((19))~~ (28) "Package" means the packaging together with its radioactive contents as presented for transport.

(a) "Fissile material package" or Type AF package, Type BF package, Type B(U)F package or Type B(M)F package means a fissile material packaging together with its fissile material contents.

(b) "Type A package" means a Type A packaging together with its radioactive contents. A Type A package is defined and must comply with the USDOT regulations in 49 CFR 173.

(c) "Type B package" means a Type B packaging together with its radioactive contents. On approval by the USNRC, a Type B package design is designated by the USNRC as B(U) unless the package has a maximum normal operating pressure of more than 700 kPa (100 lbs/in²) gauge or a pressure relief device that would allow the release of radioactive material to the environment under the tests specified in USNRC regulations ~~((Title))~~ 10 CFR 71.73 (hypothetical accident conditions), in which case it will receive a designation B(M). B(U) refers to the need for unilateral approval of international shipments; B(M) refers to the need for multilateral approval of international shipments. There is no distinction made in how packages with these designations may be used in domestic transportation. To determine their distinction for international transportation, see USDOT regulations in 49 CFR ~~((Part))~~ 173. A Type B package approved

before September 6, 1983, was designated only as Type B. Limitations on its use are specified in ~~((WAC 246-231-070))~~ 10 CFR 71.19.

~~((20))~~ (29) "Packaging" means the assembly of components necessary to ensure compliance with the packaging requirements of this chapter. It may consist of one or more receptacles, absorbent materials, spacing structures, thermal insulation, radiation shielding, and devices for cooling or absorbing mechanical shocks. The vehicle, tie-down system, and auxiliary equipment may be designated as part of the packaging.

~~((21))~~ (30) "Special form radioactive material" means radioactive material that satisfies the following conditions:

(a) It is either a single solid piece or is contained in a sealed capsule that can be opened only by destroying the capsule;

(b) The piece or capsule has at least one dimension not less than 5 mm (0.2 in); and

(c) It satisfies the requirements of ~~((USNRC regulations))~~ 10 CFR 71.75. A special form encapsulation designed in accordance with the USNRC requirements 10 CFR 71.4 in effect on June 30, 1983, (see 10 CFR ~~((Part))~~ 71, revised as of January 1, 1983), and constructed before July 1, 1985, and a special form encapsulation designed in accordance with the requirements of the USNRC requirements in 10 CFR 71.4 in effect on March 31, 1996~~(;)~~ (see 10 CFR ~~((Part))~~ 71, revised as of January 1, 1983), and constructed before April 1, 1998, may continue to be used. Any other special form encapsulation must meet the specifications of this definition.

~~((22))~~ (31) "Specific activity~~(^u)~~" of a radionuclide" means the radioactivity of the radionuclide per unit mass of that nuclide. The specific activity of a material in which the radionuclide is essentially uniformly distributed is the radioactivity per unit mass of the material.

~~((23))~~ (32) "Spent nuclear fuel" or "spent fuel" means fuel that has been withdrawn from a nuclear reactor following irradiation, has undergone at least one year's decay since being used as a source of energy in a power reactor, and has not been chemically separated into its constituent elements by reprocessing. Spent fuel includes the special nuclear material, by-product material, source material, and other radioactive materials associated with fuel assemblies.

(33) "State" means a state of the United States, the District of Columbia, the Commonwealth of Puerto Rico, the Virgin Islands, Guam, American Samoa, and the Commonwealth of the Northern Mariana Islands.

~~((24))~~ (34) "Surface contaminated object (SCO)" means a solid object that is not itself classed as radioactive material, but which has radioactive material distributed on any of its surfaces. SCO must be in one of two groups with surface activity not exceeding the following limits:

(a) SCO-I: A solid object on which:

(i) The nonfixed contamination on the accessible surface averaged over 300 cm² (or the area of the surface if less than 300 cm²) does not exceed 4 Bq/cm² (1E-4 microcurie/cm²) for beta and gamma and low toxicity alpha emitters, or 0.4 Bq/cm² (1E-5 microcurie/cm²) for all other alpha emitters;

(ii) The fixed contamination on the accessible surface averaged over 300 cm² (or the area of the surface if less than 300 cm²) does not exceed 4E+4 Bq/cm² (1.0 microcurie/cm²)

for beta and gamma and low toxicity alpha emitters, or 4E+3 Bq/cm² (0.1 microcurie/cm²) for all other alpha emitters; and

(ii) The nonfixed contamination plus the fixed contamination on the inaccessible surface averaged over 300 cm² (or the area of the surface if less than 300 cm²) does not exceed 4E+4 Bq/cm² (1 microcurie/cm²) for beta and gamma and low toxicity alpha emitters, or 4E+3 Bq/cm² (0.1 microcurie/cm²) for all other alpha emitters.

(b) SCO-II: A solid object on which the limits for SCO-I are exceeded and on which:

(i) The nonfixed contamination on the accessible surface averaged over 300 cm² (or the area of the surface if less than 300 cm²) does not exceed 400 Bq/cm² (1E-2 microcurie/cm²) for beta and gamma and low toxicity alpha emitters or 40 Bq/cm² (1E-3 microcurie/cm²) for all other alpha emitters;

(ii) The fixed contamination on the accessible surface averaged over 300 cm² (or the area of the surface if less than 300 cm²) does not exceed 8E+5 Bq/cm² (20 microcuries/cm²) for beta and gamma and low toxicity alpha emitters, or 8E+4 Bq/cm² (2 microcuries/cm²) for all other alpha emitters; and

(iii) The nonfixed contamination plus the fixed contamination on the inaccessible surface averaged over 300 cm² (or the area of the surface if less than 300 cm²) does not exceed 8E+5 Bq/cm² (20 microcuries/cm²) for beta and gamma and low toxicity alpha emitters, or 8E+4 Bq/cm² (2 microcuries/cm²) for all other alpha emitters.

~~((25))~~ (35) "Transport index (TI)" means the dimensionless number (rounded up to the next tenth) placed on the label of a package, to designate the degree of control to be exercised by the carrier during transportation. The transport index is the number determined ((as follows:

~~(a) For nonfissile material packages, the number determined by multiplying the maximum radiation level in millisievert (mSv) per hour at one meter (3.3 ft) from the external surface of the package by 100 (equivalent to the maximum radiation level in millirem per hour at one meter (3.3 ft)); or~~

~~(b) For fissile material packages, the number determined by multiplying the maximum radiation level in millisievert per hour at one meter (3.3 ft) from the external surface of the package by 100 (equivalent to the maximum radiation level in millirem per hour at one meter (3.3 ft)), or, for criticality control purposes, the number obtained as described in USNRC regulations 10 CFR 71.59, whichever is larger)) by multiplying the maximum radiation level in millisievert (mSv) per hour at 1 meter (3.3 ft) from the external surface of the package by 100 (equivalent to the maximum radiation level in millirem per hour at 1 meter (3.3 ft)).~~

~~((26))~~ (36) "Type A quantity" means a quantity of radioactive material, the aggregate radioactivity of which does not exceed A1 for special form radioactive material, or A2~~(;)~~ for normal form radioactive material, where A1 and A2 are given in Table A-1 of WAC 246-231-200, or may be determined by procedures described in WAC 246-231-200.

~~((27))~~ (37) "Type B quantity" means a quantity of radioactive material greater than a Type A quantity.

~~((28))~~ (38) "Unirradiated uranium" means uranium containing not more than 2E+3 Bq of plutonium per gram of uranium-235, not more than 9E+6 Bq of fission products per

gram of uranium-235, and not more than 5E-3 g of uranium-236 per gram of uranium-235.

(39) Uranium—natural, depleted, enriched.

(a) "Natural uranium" means uranium with the naturally occurring distribution of uranium isotopes (approximately 0.711 weight percent uranium-235, and the remainder by weight essentially uranium-238).

(b) "Depleted uranium" means uranium containing less uranium-235 than the naturally occurring distribution of uranium isotopes.

(c) "Enriched uranium" means uranium containing more uranium-235 than the naturally occurring distribution of uranium isotopes.

AMENDATORY SECTION (Amending WSR 99-15-105, filed 7/21/99, effective 8/21/99)

WAC 246-231-030 Transportation of licensed material. (1) Each licensee who transports licensed material outside the site of usage, as specified in the license issued by the department, USNRC or an agreement state, or where transport is on public highways, or who delivers licensed material to a carrier for transport, shall comply with the applicable requirements of the USDOT regulations in 49 CFR ((Parts 170 through 189)) 107, 171 through 180, and 390 through 397, appropriate to the mode of transport.

(a) The licensee shall particularly note USDOT regulations in the following areas:

(i) Packaging—49 CFR ((~~Part~~)) 173: Subparts A (~~and~~), B, and I.

(ii) Marking and labeling—49 CFR ((~~Part~~)) 172: Subpart D, ((~~Sees-~~)) 172.400 through 172.407((~~-Sees-~~)); and Subpart E, 172.436 through ((172.440, and subpart E)) 172.441.

(iii) Placarding—49 CFR ((~~Part~~)) 172: Subpart F, especially ((~~Sees-~~)) 172.500 through 172.519((~~-~~)) and 172.556, and appendices B and C.

(iv) Accident reporting—49 CFR ((~~Part 171-~~ ~~Sees-~~)) 171.15 and 171.16.

(v) Shipping papers and emergency information—49 CFR ((~~Part~~)) 172: Subparts C and G.

(vi) Hazardous material employee training—49 CFR ((~~Part~~)) 172: Subpart H.

(vii) Security plans—49 CFR 172: Subpart I.

(viii) Hazardous material shipper/carrier registration—49 CFR ((~~Part~~)) 107: Subpart G.

(b) The licensee shall also note USDOT regulations pertaining to the following modes of transportation:

(i) Rail—49 CFR ((~~Part~~)) 174: Subparts A through D and K.

(ii) Air—49 CFR ((~~Part~~)) 175.

(iii) Vessel—49 CFR ((~~Part~~)) 176: Subparts A through F and M.

(iv) Public Highway—49 CFR ((~~Part~~)) 177 and ((~~Parts~~)) 390 through 397.

(2) If USDOT regulations are not applicable to a shipment of licensed material, the licensee shall conform to the standards and requirements of the USDOT specified in paragraph (1) of this section to the same extent as if the shipment or transportation were subject to USDOT regulations. A

request for modification, waiver, or exemption from those requirements, and any notification referred to in those requirements, must be filed with, or made to, the Director, Office of Nuclear Material Safety and Safeguards, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001.

NEW SECTION

WAC 246-231-035 Deliberate misconduct. (1) For the purpose of this chapter, deliberate misconduct by a person means an intentional act or omission that the person knows:

(a) Would constitute a violation of a requirement, procedure, instruction, contract, purchase order, or policy; or

(b) Would, if not detected, cause a violation of any rule, regulation, or order; or any term, condition, or limitation of any license or certificate issued by the department.

(2) This section applies to any:

(a) Licensee;

(b) Certificate holder;

(c) Quality assurance program approval holder;

(d) Applicant for a license, certificate, or quality assurance program approval;

(e) Contractor (including a supplier or consultant) or subcontractor, to any person identified in (d) of this subsection; or

(f) Employee of any person identified in (a) through (e) of this subsection.

(3) A person subject to this section who knowingly provides any components, materials, or other goods or services that relate to any activities subject to these regulations may not:

(a) Engage in deliberate misconduct; or

(b) Deliberately submit to the department or to a person subject to this section information that the person knows to be incomplete or inaccurate in some respect that matters to the department.

(4) A person who violates subsection (3)(a) or (b) of this section may be subject to enforcement action in accordance with the procedures in 10 CFR 2 Subpart B.

AMENDATORY SECTION (Amending WSR 99-15-105, filed 7/21/99, effective 8/21/99)

WAC 246-231-040 Exemptions. (1) Common and contract carriers, freight forwarders, and warehouse workers who are subject to the rules and regulations of the United States Department of Transportation (49 CFR ((~~Parts~~)) 170 through 189) or the United States Postal Service (Mailing Standards of the United States Postal Service, Domestic Mail Manual, ((Section 124.3 incorporated by reference,)) 39 CFR ((411.11 (1974)) 111.1) are exempt from this chapter to the extent that they transport or store radioactive material in the regular course of their carriage for another or storage incident thereto. Common and contract carriers who are not subject to the rules and regulations of the United States Department of Transportation or United States Postal Service are subject to WAC 246-231-005 and other applicable sections of these regulations.

(2) Any licensee who delivers radioactive material to a carrier for transport, where such transport is subject to the

regulations of the United States Postal Service, is exempt from the provisions of WAC 246-231-005.

(3) ~~((Physicians as defined in WAC 246-220-010, are exempt from the requirements of this chapter only to the extent that they transport radioactive material for emergency use in the practice of medicine.))~~ **Exemption of physicians.** Any physician as defined in WAC 246-220-010 who is licensed by the department, the USNRC or an agreement state, to dispense drugs in the practice of medicine, is exempt from WAC 246-220-030 with respect to transport by the physician of licensed material for use in the practice of medicine. However, any physician operating under this exemption must be licensed under chapter 246-240 WAC, 10 CFR 35, or the equivalent agreement state regulations.

(4) **Exemption for low-level materials.** A licensee is exempt from all requirements of this chapter with respect to shipment or carriage of ~~((a package containing radioactive material having a specific activity not greater than 70 Bq/g (0.002 μ Ci/g))~~ the following low-level materials:

(a) Natural material and ores containing naturally occurring radionuclides that are not intended to be processed for use of these radionuclides, provided the activity concentration of the material does not exceed ten times the values specified in WAC 246-231-200, Table A-2.

(b) Materials for which the activity concentration is not greater than the activity concentration values specified in WAC 246-231-200, Table A-2, or for which the consignment activity is not greater than the limit for an exempt consignment found in WAC 246-231-200, Table A-2.

(5) ~~((A licensee is exempt from all requirements of this chapter, other than WAC 246-231-030 and 246-231-120, with respect to shipment or carriage of the following packages, provided the packages contain no fissile material:~~

(a) ~~A package containing no more than a Type A quantity of radioactive material;~~

(b) ~~A package in which the only radioactive material is low specific activity (LSA) material or surface-contaminated objects (SCO), provided the external radiation level at 3 m from the unshielded material or objects does not exceed 10 mSv/h (1 rem/h); or~~

(c) ~~A package transported within locations within the United States which contains only americium or plutonium in special form with an aggregate radioactivity not to exceed 20 curies.~~

(6) ~~A licensee is exempt from all requirements of this chapter, other than WAC 246-231-030 and 246-231-120, with respect to shipment or carriage of low specific activity (LSA) material in group LSA-I, or surface-contaminated objects (SCOs) in group SCO-I.)~~ **Exemption from classification as fissile material.** Fissile material meeting at least one of the requirements in (a) through (f) of this subsection is exempt from classification as fissile material and from the fissile material package standards of 10 CFR 71.55 and 71.59, but are subject to all other requirements of this chapter, except as noted.

(a) Individual package containing 2 grams or less fissile material.

(b) Individual or bulk packaging containing 15 grams or less of fissile material provided the package has at least 200 grams of solid nonfissile material for every gram of fissile

material. Lead, beryllium, graphite, and hydrogenous material enriched in deuterium may be present in the package but must not be included in determining the required mass for solid nonfissile material.

(c)(i) Low concentrations of solid fissile material commingled with solid nonfissile material, provided that:

(A) There is at least 2000 grams of solid nonfissile material for every gram of fissile material; and

(B) There is no more than 180 grams of fissile material distributed within 360 kg of contiguous nonfissile material.

(ii) Lead, beryllium, graphite, and hydrogenous material enriched in deuterium may be present in the package but must not be included in determining the required mass of solid nonfissile material.

(d) Uranium enriched in uranium-235 to a maximum of 1 percent by weight, and with total plutonium and uranium-233 content of up to 1 percent of the mass of uranium-235, provided that the mass of any beryllium, graphite, and hydrogenous material enriched in deuterium constitutes less than 5 percent of the uranium mass.

(e) Liquid solutions of uranyl nitrate enriched in uranium-235 to a maximum of 2 percent by mass, with a total plutonium and uranium-233 content not exceeding 0.002 percent of the mass of uranium, and with a minimum nitrogen to uranium atomic ratio (N/U) of 2. The material must be contained in at least a USDOT Type A package.

(f) Packages containing, individually, a total plutonium mass of not more than 1000 grams, of which not more than 20 percent by mass may consist of plutonium-239, plutonium-241, or any combination of these radionuclides.

AMENDATORY SECTION (Amending WSR 99-15-105, filed 7/21/99, effective 8/21/99)

WAC 246-231-060 General license—USNRC-approved package. (1) A general license is hereby issued to any licensee of the department, USNRC or an agreement state, to transport, or to deliver to a carrier for transport, licensed material in a package for which a license, certificate of compliance, or other approval has been issued by the ~~((department or))~~ USNRC.

(2) This general license applies only to a licensee who has a quality assurance program approved by the USNRC as satisfying the provisions of 10 CFR 71 Subpart H.

(3) This general license applies only to a licensee who:

(a) Has a copy of the certificate of compliance, or other approval of the package, and has the drawings and other documents referenced in the approval relating to the use and maintenance of the packaging and to the actions to be taken before shipment;

(b) Complies with the terms and conditions of the license, certificate, or other approval, as applicable, and the applicable requirements of ~~((the USNRC))~~ 10 CFR 71 Subparts A, G, and H; and

(c) Before the licensee's first use of the package, submits in writing to ~~((the))~~: ATTN: Document Control Desk, Director, Spent Fuel Project Office, Office of Nuclear Material Safety and Safeguards, ~~((U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, before the licensee's first use of the package.))~~ using an appropriate method listed in 10

CFR 71.1(a), the licensee's name and license number and the package identification number specified in the package approval.

(4) This general license applies only when the package approval authorizes use of the package under this general license.

(5) For a Type B or fissile material package, the design of which was approved by the USNRC before April 1, 1996, the general license is subject to the additional restrictions of (~~(NRC regulations)~~) 10 CFR (~~((71.13))~~) 71.19.

AMENDATORY SECTION (Amending WSR 99-15-105, filed 7/21/99, effective 8/21/99)

WAC 246-231-080 General license—DOT specification container. (1) A general license is issued to any licensee of the department, USNRC or an agreement state, to transport, or to deliver to a carrier for transport, licensed material in a specification container for fissile material or for a Type B quantity of radioactive material as specified in USDOT regulations at 49 CFR (~~(Parts)~~) 173 and 178.

(2) This general license applies only to a licensee who has a quality assurance program approved by the USNRC as satisfying the provisions of Subpart H of the USNRC regulations, 10 CFR 71.

(3) This general license applies only to a licensee who:

(a) Has a copy of the specification; and

(b) Complies with the terms and conditions of the specification and the applicable requirements of Subparts A, G, and H of (~~(NRC regulations)~~) 10 CFR 71.

(4) This general license is subject to the limitation that the specification container may not be used for a shipment to a location outside the United States, except by multilateral approval, as defined in DOT regulations at 49 CFR 173.403.

(5) This section expires October 1, 2008.

AMENDATORY SECTION (Amending WSR 99-15-105, filed 7/21/99, effective 8/21/99)

WAC 246-231-090 General license—Use of foreign approved package. (1) A general license is issued to any licensee of the department, USNRC or an agreement state, to transport, or to deliver to a carrier for transport, licensed material in a package the design of which has been approved in a foreign national competent authority certificate that has been revalidated by USDOT as meeting the applicable requirements of 49 CFR 171.12.

(2) Except as otherwise provided in this section, the general license applies only to a licensee who has a quality assurance program approved by the USNRC as satisfying the applicable provisions of 10 CFR 71 Subpart H.

(3) This general license applies only to shipments made to or from locations outside the United States.

(4) This general license applies only to a licensee who:

(a) Has a copy of the applicable certificate, the revalidation, and the drawings and other documents referenced in the certificate, relating to the use and maintenance of the packaging and to the actions to be taken before shipment; and

(b) Complies with the terms and conditions of the certificate and revalidation, and with the applicable requirements of (~~(the USNRC)~~) 10 CFR 71 Subparts A, G, and H. With

respect to the quality assurance provisions of Subpart H of 10 CFR 71, the licensee is exempt from design, construction, and fabrication considerations.

NEW SECTION

WAC 246-231-094 General license—Fissile material.

(1) A general license is issued to any licensee of the department, USNRC or an agreement state, to transport fissile material, or to deliver fissile material to a carrier for transport, if the material is shipped in accordance with this section. The fissile material need not be contained in a package which meets the standards of 10 CFR 71 Subparts E and F; however, the material must be contained in a Type A package. The Type A package must also meet the USDOT requirements of 49 CFR 173.417(a).

(2) The general license applies only to a licensee who has a quality assurance program approved by the USNRC as satisfying the provisions of 10 CFR 71 Subpart H.

(3) The general license applies only when a package's contents:

(a) Contain no more than a Type A quantity of radioactive material; and

(b) Contain less than 500 total grams of beryllium, graphite, or hydrogenous material enriched in deuterium.

(4) The general license applies only to packages containing fissile material that are labeled with a CSI which:

(a) Has been determined in accordance with subsection (5) of this section;

(b) Has a value less than or equal to 10; and

(c) For a shipment of multiple packages containing fissile material, the sum of the CSIs must be less than or equal to 50 (for shipment on a nonexclusive use conveyance) and less than or equal to 100 (for shipment on an exclusive use conveyance).

(5)(a) The value for the CSI must be greater than or equal to the number calculated by the following equation:

$$CSI = 10 \left[\frac{\text{grams of } ^{235}\text{U}}{X} + \frac{\text{grams of } ^{233}\text{U}}{Y} + \frac{\text{grams of Pu}}{Z} \right];$$

(b) The calculated CSI must be rounded up to the first decimal place;

(c) The values of X, Y, and Z used in the CSI equation must be taken from WAC 246-231-200 Table-1 or Table-2, as appropriate;

(d) If Table-2 is used to obtain the value of X, then the values for the terms in the equation for uranium-233 and plutonium must be assumed to be zero; and

(e) Values from Table-1 for X, Y, and Z must be used to determine the CSI if:

(i) Uranium-233 is present in the package;

(ii) The mass of plutonium exceeds 1 percent of the mass of uranium-235;

(iii) The uranium is of unknown uranium-235 enrichment or greater than 24 weight percent enrichment; or

(iv) Substances having a moderating effectiveness (i.e., an average hydrogen density greater than H₂O) (e.g., certain

hydrocarbon oils or plastics) are present in any form, except as polyethylene used for packing or wrapping.

Table-1.

Mass Limits for General License Packages Containing Mixed Quantities of Fissile Material or Uranium-235 of Unknown Enrichment per WAC 246-231-094(5)

Fissile material	Fissile material mass mixed with moderating substances having an average hydrogen density less than or equal to H ₂ O (grams)	Fissile material mass mixed with moderating substances having an average hydrogen density greater than H ₂ O ^a (grams)
²³⁵ U (X)	60	38
²³³ U (Y)	43	27
²³⁹ Pu or ²⁴¹ Pu (Z)	37	24

^aWhen mixtures of moderating substances are present, the lower mass limits shall be used if more than 15 percent of the moderating substance has an average hydrogen density greater than H₂O.

Table-2.

Mass Limits for General License Packages Containing Uranium-235 of Known Enrichment per WAC 246-231-094(5)

Uranium enrichment in weight percent of ²³⁵ U not exceeding	Fissile material mass of ²³⁵ U (X) (grams)
24	60
20	63
15	67
11	72
10	76
9.5	78
9	81
8.5	82
8	85
7.5	88
7	90
6.5	93
6	97
5.5	102
5	108
4.5	114
4	120
3.5	132
3	150
2.5	180
2	246

Table-2.

Mass Limits for General License Packages Containing Uranium-235 of Known Enrichment per WAC 246-231-094(5)

Uranium enrichment in weight percent of ²³⁵ U not exceeding	Fissile material mass of ²³⁵ U (X) (grams)
1.5	408
1.35	480
1	1,020
0.92	1,800

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.

NEW SECTION

WAC 246-231-096 General license—Plutonium-beryllium special form material. (1) A general license is issued to any licensee of the department, USNRC or an agreement state, to transport fissile material in the form of plutonium-beryllium (Pu-Be) special form sealed sources, or to deliver Pu-Be sealed sources to a carrier for transport, if the material is shipped in accordance with this section. This material must be contained in a Type A package. The Type A package must also meet the USDOT requirements of 49 CFR 173.417(a).

(2) The general license applies only to a licensee who has a quality assurance program approved by the USNRC as satisfying the provisions of 10 CFR 71 Subpart H.

(3) The general license applies only when a package's contents:

(a) Contain no more than a Type A quantity of radioactive material; and

(b) Contain less than 1000 g of plutonium, provided that: Plutonium-239, plutonium-241, or any combination of these radionuclides, constitutes less than 240 g of the total quantity of plutonium in the package.

(4) The general license applies only to packages labeled with a CSI which:

(a) Has been determined in accordance with subsection (5) of this section;

(b) Has a value less than or equal to 100; and

(c) For a shipment of multiple packages containing Pu-Be sealed sources, the sum of the CSIs must be less than or equal to 50 (for shipment on a nonexclusive use conveyance) and less than or equal to 100 (for shipment on an exclusive use conveyance).

(5)(a) The value for the CSI must be greater than or equal to the number calculated by the following equation:

$$CSI = 10 \left[\frac{\text{grams of } ^{239}\text{Pu} + \text{grams of } ^{241}\text{Pu}}{24} \right]; \text{ and}$$

(b) The calculated CSI must be rounded up to the first decimal place.

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.

NEW SECTION

WAC 246-231-098 External radiation standards for all packages. (1) Except as provided in subsection (2) of this section, each package of radioactive materials offered for transportation must be designed and prepared for shipment so that under conditions normally incident to transportation the radiation level does not exceed 2 mSv/h (200 mrem/h) at any point on the external surface of the package, and the transport index does not exceed 10.

(2) A package that exceeds the radiation level limits specified in subsection (1) of this section must be transported by exclusive use shipment only, and the radiation levels for such shipment must not exceed the following during transportation:

(a) 2 mSv/h (200 mrem/h) on the external surface of the package, unless the following conditions are met, in which case the limit is 10 mSv/h (1000 mrem/h):

- (i) The shipment is made in a closed transport vehicle;
- (ii) The package is secured within the vehicle so that its position remains fixed during transportation; and
- (iii) There are no loading or unloading operations between the beginning and end of the transportation;

(b) 2 mSv/h (200 mrem/h) at any point on the outer surface of the vehicle, including the top and underside of the vehicle; or in the case of a flat-bed style vehicle, at any point on the vertical planes projected from the outer edges of the vehicle, on the upper surface of the load or enclosure, if used, and on the lower external surface of the vehicle; and

(c) 0.1 mSv/h (10 mrem/h) at any point 2 meters (80 in) from the outer lateral surfaces of the vehicle (excluding the top and underside of the vehicle); or in the case of a flat-bed style vehicle, at any point 2 meters (6.6 feet) from the vertical planes projected by the outer edges of the vehicle (excluding the top and underside of the vehicle); and

(d) 0.02 mSv/h (2 mrem/h) in any normally occupied space, except that this provision does not apply to private carriers, if exposed personnel under their control wear radiation dosimetry devices in conformance with WAC 246-221-090 and 246-221-100.

(3) For shipments made under the provisions of subsection (2) of this section, the shipper shall provide specific written instructions to the carrier for maintenance of the exclusive use shipment controls. The instructions must be included with the shipping paper information.

(4) The written instructions required for exclusive use shipments must be sufficient so that, when followed, they will cause the carrier to avoid actions that will unnecessarily delay delivery or unnecessarily result in increased radiation levels or radiation exposures to transport workers or members of the general public.

AMENDATORY SECTION (Amending WSR 99-15-105, filed 7/21/99, effective 8/21/99)

WAC 246-231-100 Applicability of operating controls and procedures. ~~((+))~~ A licensee subject to this chap-

ter, who, under a general or specific license, transports licensed material or delivers licensed material to a carrier for transport, shall ~~((also))~~ comply with the requirements of ~~((NRC regulations))~~ 10 CFR 71 Subpart G, with the quality assurance requirements of 10 CFR 71 Subpart H, and with the general provisions of 10 CFR 71 Subpart A.

~~((2))~~ Before the first use of any packaging for the shipment of licensed material:

~~(a) The licensee shall ascertain that there are no cracks, pinholes, uncontrolled voids, or other defects that could significantly reduce the effectiveness of the packaging;~~

~~(b) Where the maximum normal operating pressure will exceed 35 kPa (5 lbf/in²) gauge, the licensee shall test the containment system at an internal pressure at least fifty percent higher than the maximum normal operating pressure, to verify the capability of that system to maintain its structural integrity at that pressure; and~~

~~(c) The licensee shall conspicuously and durably mark the packaging with its model number, serial number, gross weight, and a package identification number assigned by NRC. Before applying the model number, the licensee shall determine that the packaging has been fabricated in accordance with the design approved by the U.S. Nuclear Regulatory Commission.~~

NEW SECTION

WAC 246-231-103 Assumptions as to unknown properties. When the isotopic abundance, mass, concentration, degree of irradiation, degree of moderation, or other pertinent property of fissile material in any package is not known, the licensee shall package the fissile material as if the unknown properties have credible values that will cause the maximum neutron multiplication.

NEW SECTION

WAC 246-231-106 Preliminary determinations. Before the first use of any packaging for the shipment of licensed material:

(1) The licensee shall ascertain that there are no cracks, pinholes, uncontrolled voids, or other defects that could significantly reduce the effectiveness of the packaging;

(2) Where the maximum normal operating pressure will exceed 35 kPa (5 lbs/in²) gauge, the licensee shall test the containment system at an internal pressure at least fifty percent higher than the maximum normal operating pressure, to verify the capability of that system to maintain its structural integrity at that pressure; and

(3) The licensee shall conspicuously and durably mark the packaging with its model number, serial number, gross weight, and a package identification number assigned by the USNRC. Before applying the model number, the licensee shall determine that the packaging has been fabricated in accordance with the design approved by the U.S. Nuclear Regulatory Commission.

AMENDATORY SECTION (Amending WSR 99-15-105, filed 7/21/99, effective 8/21/99)

WAC 246-231-110 Routine determinations. Before each shipment of licensed material, the licensee shall ensure that the package with its contents satisfies the applicable requirements of this ~~((section))~~ chapter and of the license. The licensee shall determine that:

- (1) The package is proper for the contents to be shipped;
- (2) The package is in unimpaired physical condition except for superficial defects such as marks or dents;
- (3) Each closure device of the packaging, including any required gasket, is properly installed and secured and free of defects;
- (4) Any system for containing liquid is adequately sealed and has adequate space or other specified provision for expansion of the liquid;
- (5) Any pressure relief device is operable and set in accordance with written procedures;
- (6) The package has been loaded and closed in accordance with written procedures;
- (7) For fissile material, any moderator or neutron absorber, if required, is present and in proper condition;
- (8) Any structural part of the package that could be used to lift or tie down the package during transport is rendered inoperable for that purpose, unless it satisfies the design requirements of ~~((NRC regulations))~~ 10 CFR 71.45;
- (9) The level of nonfixed (removable) radioactive contamination on the external surfaces of each package offered for shipment is as low as reasonably achievable, and within the limits specified in USDOT regulations in 49 CFR 173.443;
- (10) External radiation levels around the package and around the vehicle, if applicable, will not exceed the limits specified in ~~((NRC regulations 10 CFR 71.47))~~ WAC 246-231-098 at any time during transportation; and
- (11) Accessible package surface temperatures will not exceed the limits specified in ~~((NRC regulations))~~ 10 CFR 71.43(g) at any time during transportation.

AMENDATORY SECTION (Amending WSR 99-15-105, filed 7/21/99, effective 8/21/99)

WAC 246-231-120 Air transport of plutonium. (1) Notwithstanding the provisions of any general licenses and notwithstanding any exemptions stated directly in this ~~((part))~~ chapter or included indirectly by citation of 49 CFR chapter I, as may be applicable, the licensee shall assure that plutonium in any form, whether for import, export, or domestic shipment, is not transported by air or delivered to a carrier for air transport unless:

- (a) The plutonium is contained in a medical device designed for individual human application; or
- (b) The plutonium is contained in a material in which the specific activity is ~~((not greater than 0.002 uCi/g (70 Bq/g) of material))~~ less than or equal to the activity concentration values for plutonium specified in WAC 246-231-200, Table A-2, and in which the radioactivity is essentially uniformly distributed; or
- (c) The plutonium is shipped in a single package containing no more than an A2 quantity of plutonium in any isotope

or form, and is shipped in accordance with WAC 246-231-030; or

(d) The plutonium is shipped in a package specifically authorized for the shipment of plutonium by air in the Certificate of Compliance for that package issued by the U.S. Nuclear Regulatory Commission.

(2) Nothing in subsection (1) of this section is to be interpreted as removing or diminishing the requirements of USNRC regulations 10 CFR 73.24.

(3) For a shipment of plutonium by air which is subject to subsection (1)(d) of this section, the licensee shall, through special arrangement with the carrier, require compliance with 49 CFR 175.704 ~~((, U.S. Department of Transportation))~~ USDOT regulations applicable to the air transport of plutonium.

NEW SECTION

WAC 246-231-133 Public inspection of application. Applications for approval of a package design under this chapter, which are submitted to the USNRC, may be made available for public inspection, in accordance with provisions of 10 CFR 2 and 9. This includes an application to amend or revise an existing package design, any associated documents and drawings submitted with the application, and any responses to USNRC requests for additional information.

NEW SECTION

WAC 246-231-136 Records. (1) Each licensee shall maintain, for a period of three years after shipment, a record of each shipment of licensed material not exempt under WAC 246-231-040(4), showing where applicable:

- (a) Identification of the packaging by model number and serial number;
 - (b) Verification that there are no significant defects in the packaging, as shipped;
 - (c) Volume and identification of coolant;
 - (d) Type and quantity of licensed material in each package, and the total quantity of each shipment;
 - (e) For each item of irradiated fissile material:
 - (i) Identification by model number and serial number;
 - (ii) Irradiation and decay history to the extent appropriate to demonstrate that its nuclear and thermal characteristics comply with license conditions; and
 - (iii) Any abnormal or unusual condition relevant to radiation safety;
 - (f) Date of the shipment;
 - (g) For fissile packages and for Type B packages, any special controls exercised;
 - (h) Name and address of the transferee;
 - (i) Address to which the shipment was made; and
 - (j) Results of the determinations required by WAC 246-231-110 and by the conditions of the package approval.
- (2) Each certificate holder shall maintain, for a period of three years after the life of the packaging to which they apply, records identifying the packaging by model number, serial number, and date of manufacture.
- (3) The licensee, certificate holder, and an applicant for a CoC, shall make available to the USNRC for inspection, upon reasonable notice, all records required by 10 CFR

71.91. Records are only valid if stamped, initialed, or signed and dated by authorized personnel, or otherwise authenticated.

(4) The licensee, certificate holder, and an applicant for a CoC shall maintain sufficient written records to furnish evidence of the quality of packaging. The records to be maintained include results of the determinations required by WAC 246-231-106; design, fabrication, and assembly records; results of reviews, inspections, tests, and audits; results of monitoring work performance and materials analyses; and results of maintenance, modification, and repair activities. Inspection, test, and audit records must identify the inspector or data recorder, the type of observation, the results, the acceptability, and the action taken in connection with any deficiencies noted. These records must be retained for three years after the life of the packaging to which they apply.

AMENDATORY SECTION (Amending WSR 99-15-105, filed 7/21/99, effective 8/21/99)

WAC 246-231-140 Advance notification of shipment of irradiated reactor fuel and nuclear waste. (1) As specified in subsections (2), (3), and (4) of this section, each licensee shall provide advance notification to the governor of a state, or the governor's designee, of the shipment of licensed material, through, or across the boundary of the state, before the transport, or delivery to a carrier, for transport, of licensed material outside the confines of the licensee's plant or other place of use or storage.

(2) Advance notification is required under this section for shipments of irradiated reactor fuel in quantities less than that subject to advance notification requirements of USNRC regulations 10 CFR 73.37(f). Advance notification is also required under this section for shipment of licensed material, other than irradiated fuel, meeting the following three conditions:

(a) The licensed material is required by this section to be in Type B packaging for transportation;

(b) The licensed material is being transported to or across a state boundary en route to a disposal facility or to a collection point for transport to a disposal facility; and

(c) The quantity of licensed material in a single package exceeds the least of the following:

(i) 3000 times the A1 value of the radionuclides as specified in WAC 246-231-200, Table A-1 for special form radioactive material;

(ii) 3000 times the A2 value of the radionuclides as specified in WAC 246-231-200, Table A-1 for normal form radioactive material; or

(iii) 1000 TBq (27,000 Ci).

(3) Procedures for submitting advance notification.

(a) The notification must be made in writing to the office of each appropriate governor or governor's designee and to the ~~((Administrator of the appropriate NRC Regional Office listed in Appendix A of NRC regulations 10 CFR Part 73))~~ Director, Division of Nuclear Security, Office of Nuclear Security and Incident Response.

(b) A notification delivered by mail must be postmarked at least seven days before the beginning of the seven-day

period during which departure of the shipment is estimated to occur.

(c) A notification delivered by ~~((messenger))~~ any other means than mail must reach the office of the governor or of the governor's designee at least four days before the beginning of the seven-day period during which departure of the shipment is estimated to occur.

(i) A list of the names and mailing addresses of the governors' designees receiving advance notification of transportation of nuclear waste was published in the *Federal Register* on June 30, 1995, (60 FR 34306).

(ii) The list will be published annually in the *Federal Register* on or about June 30 to reflect any changes in information.

(iii) A list of the names and mailing addresses of the governors' designees is available on request from the Director, Office of State Programs, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001.

(d) The licensee shall retain a copy of the notification as a record for three years.

(4) Information to be furnished in advance notification of shipment. Each advance notification of shipment of irradiated reactor fuel or nuclear waste must contain the following information:

(a) The name, address, and telephone number of the shipper, carrier, and receiver of the irradiated reactor fuel or nuclear waste shipment;

(b) A description of the irradiated reactor fuel or nuclear waste contained in the shipment, as specified in the regulations of USDOT in 49 CFR 172.202 and 172.203(d);

(c) The point of origin of the shipment and the seven-day period during which departure of the shipment is estimated to occur;

(d) The seven-day period during which arrival of the shipment at state boundaries is estimated to occur;

(e) The destination of the shipment, and the seven-day period during which arrival of the shipment is estimated to occur; and

(f) A point of contact, with a telephone number, for current shipment information.

(5) Revision notice. A licensee who finds that schedule information previously furnished to a governor or governor's designee, in accordance with this section, will not be met, shall telephone a responsible individual in the office of the governor of the state or of the governor's designee and inform that individual of the extent of the delay beyond the schedule originally reported. The licensee shall maintain a record of the name of the individual contacted for three years.

(6) Cancellation notice.

(a) Each licensee who cancels an irradiated reactor fuel or nuclear waste shipment for which advance notification has been sent shall send a cancellation notice to the governor of each state or to the governor's designee previously notified, and to the ~~((Administrator of the appropriate NRC Regional Office listed in Appendix A of USNRC regulations 10 CFR 73))~~ Director, Division of Nuclear Security, Office of Nuclear Security and Incident Response.

(b) The licensee shall state in the notice that it is a cancellation and identify the advance notification that is being

canceled. The licensee shall retain a copy of the notice as a record for three years.

NEW SECTION

WAC 246-231-150 Quality assurance requirements.

(1) Purpose. Quality assurance requirements apply to design, purchase, fabrication, handling, shipping, storing, cleaning, assembly, inspection, testing, operation, maintenance, repair, and modification of components of packaging that are important to safety. As used in this chapter, "quality assurance" comprises all those planned and systematic actions necessary to provide adequate confidence that a system or component will perform satisfactorily in service. Quality assurance includes quality control, which comprises those quality assurance actions related to control of the physical characteristics and quality of the material or component to predetermined requirements. The licensee, certificate holder, and applicant for a CoC are responsible for the quality assurance requirements as they apply to design, fabrication, testing, and modification of packaging. Each licensee is responsible for the quality assurance provision which applies to its use of packaging for the shipment of licensed material subject to this chapter.

(2) Establishment of program. Each licensee, certificate holder, and applicant for a CoC shall establish, maintain, and execute a quality assurance program satisfying each of the applicable criteria in 10 CFR 71.101 through 71.137 and satisfying any specific provisions that are applicable to the licensee's activities including procurement of packaging. The licensee, certificate holder, and applicant for a CoC shall execute the applicable criteria in a graded approach to an extent that is commensurate with the quality assurance requirement's importance to safety.

(3) Approval of program. Before the use of any package for the shipment of licensed material subject to this chapter, each licensee shall obtain USNRC approval of its quality assurance program. Using an appropriate method listed in 10 CFR 71.1(a), each licensee shall file a description of its quality assurance program, including a discussion of which requirements of 10 CFR 71 Subpart H are applicable and how they will be satisfied, by submitting the description to: ATTN: Document Control Desk, Director, Spent Fuel Project Office, Office of Nuclear Material Safety and Safeguards.

(4) Radiography containers. A program for transport container inspection and maintenance limited to radiographic exposure devices, source changers, or packages transporting these devices and meeting the requirements of WAC 246-243-120(2), is deemed to satisfy the requirements of WAC 246-231-060(2) and 246-231-150(2).

NEW SECTION

WAC 246-231-160 Quality assurance organization.

(1) The licensee,² certificate holder, and applicant for a CoC shall be responsible for the establishment and execution of the quality assurance program. The licensee, certificate holder, and applicant for a CoC may delegate to others, such as contractors, agents, or consultants, the work of establishing and executing the quality assurance program, or any part

of the quality assurance program, but shall retain responsibility for the program. These activities include performing the functions associated with attaining quality objectives and the quality assurance functions.

² While the term "licensee" is used in these criteria, the requirements are applicable to whatever design, fabrication, assembly, and testing of the package is accomplished with respect to a package before the time a package approval is issued.

(2) The quality assurance functions are:

(a) Assuring that an appropriate quality assurance program is established and effectively executed; and

(b) Verifying, by procedures such as checking, auditing, and inspection, that activities affecting the functions that are important to safety have been correctly performed.

(3) The persons and organizations performing quality assurance functions must have sufficient authority and organizational freedom to:

(a) Identify quality problems;

(b) Initiate, recommend, or provide solutions; and

(c) Verify implementation of solutions.

(4) The persons and organizations performing quality assurance functions shall report to a management level that assures that the required authority and organizational freedom, including sufficient independence from cost and schedule, when opposed to safety considerations, are provided.

(5) Because of the many variables involved, such as the number of personnel, the type of activity being performed, and the location or locations where activities are performed, the organizational structure for executing the quality assurance program may take various forms, provided that the persons and organizations assigned the quality assurance functions have the required authority and organizational freedom.

(6) Irrespective of the organizational structure, the individual(s) assigned the responsibility for assuring effective execution of any portion of the quality assurance program, at any location where activities subject to this chapter are being performed, must have direct access to the levels of management necessary to perform this function.

NEW SECTION

WAC 246-231-170 Quality assurance program. (1)

The licensee, certificate holder, and applicant for a CoC shall establish, at the earliest practicable time consistent with the schedule for accomplishing the activities, a quality assurance program that complies with the requirements of 10 CFR 71.101 through 71.137. The licensee, certificate holder, and applicant for a CoC shall document the quality assurance program by written procedures or instructions and shall carry out the program in accordance with those procedures throughout the period during which the packaging is used. The licensee, certificate holder, and applicant for a CoC shall identify the material and components to be covered by the quality assurance program, the major organizations participating in the program, and the designated functions of these organizations.

(2) The licensee, certificate holder, and applicant for a CoC, through its quality assurance program, shall provide control over activities affecting the quality of the identified materials and components to an extent consistent with their importance to safety, and as necessary to assure conformance

to the approved design of each individual package used for the shipment of radioactive material. The licensee, certificate holder, and applicant for a CoC shall assure that activities affecting quality are accomplished under suitably controlled conditions. Controlled conditions include the use of appropriate equipment; suitable environmental conditions for accomplishing the activity, such as adequate cleanliness; and assurance that all prerequisites for the given activity have been satisfied. The licensee, certificate holder, and applicant for a CoC shall take into account the need for special controls, processes, test equipment, tools, and skills to attain the required quality, and the need for verification of quality by inspection and test.

(3) The licensee, certificate holder, and applicant for a CoC shall base the requirements and procedures of its quality assurance program on the following considerations concerning the complexity and proposed use of the package and its components:

(a) The impact of malfunction or failure of the item to safety;

(b) The design and fabrication complexity or uniqueness of the item;

(c) The need for special controls and surveillance over processes and equipment;

(d) The degree to which functional compliance can be demonstrated by inspection or test; and

(e) The quality history and degree of standardization of the item.

(4) The licensee, certificate holder, and applicant for a CoC shall provide for indoctrination and training of personnel performing activities affecting quality, as necessary to assure that suitable proficiency is achieved and maintained. The licensee, certificate holder, and applicant for a CoC shall review the status and adequacy of the quality assurance program at established intervals. Management of other organizations participating in the quality assurance program shall review regularly the status and adequacy of that part of the quality assurance program they are executing.

NEW SECTION

WAC 246-231-178 Handling, storage, and shipping control. The licensee, certificate holder, and applicant for a CoC shall establish measures to control, in accordance with instructions, the handling, storage, shipping, cleaning, and preservation of materials and equipment to be used in packaging to prevent damage or deterioration. When necessary for particular products, special protective environments, such as inert gas atmosphere, and specific moisture content and temperature levels must be specified and provided.

NEW SECTION

WAC 246-231-180 Inspection, test, and operating status. (1) The licensee, certificate holder, and applicant for a CoC shall establish measures to indicate, by the use of markings such as stamps, tags, labels, routing cards, or other suitable means, the status of inspections and tests performed upon individual items of the packaging. These measures must provide for the identification of items that have satisfac-

torily passed required inspections and tests, where necessary to preclude inadvertent bypassing of the inspections and tests.

(2) The licensee shall establish measures to identify the operating status of components of the packaging, such as tagging valves and switches, to prevent inadvertent operation.

NEW SECTION

WAC 246-231-182 Nonconforming materials, parts, or components. The licensee, certificate holder, and applicant for a CoC shall establish measures to control materials, parts, or components that do not conform to the licensee's requirements to prevent their inadvertent use or installation. These measures must include, as appropriate, procedures for identification, documentation, segregation, disposition, and notification to affected organizations. Nonconforming items must be reviewed and accepted, rejected, repaired, or reworked in accordance with documented procedures.

NEW SECTION

WAC 246-231-184 Corrective action. The licensee, certificate holder, and applicant for a CoC shall establish measures to assure that conditions adverse to quality, such as deficiencies, deviations, defective material and equipment, and nonconformance, are promptly identified and corrected. In the case of a significant condition adverse to quality, the measures must assure that the cause of the condition is determined and corrective action taken to preclude repetition. The identification of the significant condition adverse to quality, the cause of the condition, and the corrective action taken must be documented and reported to appropriate levels of management.

NEW SECTION

WAC 246-231-186 Quality assurance records. The licensee, certificate holder, and applicant for a CoC shall maintain sufficient written records to describe the activities affecting quality. The records must include the instructions, procedures, and drawings required by 10 CFR 71.111 to prescribe quality assurance activities and must include closely related specifications such as required qualifications of personnel, procedures, and equipment. The records must include the instructions or procedures which establish a records retention program that is consistent with applicable regulations and designates factors such as duration, location, and assigned responsibility. The licensee, certificate holder, and applicant for a CoC shall retain these records for three years beyond the date when the licensee, certificate holder, and applicant for a CoC last engaged in the activity for which the quality assurance program was developed. If any portion of the written procedures or instructions is superseded, the licensee, certificate holder, and applicant for a CoC shall retain the superseded material for three years after it is superseded.

NEW SECTION

WAC 246-231-188 Audits. The licensee, certificate holder, and applicant for a CoC shall carry out a comprehen-

sive system of planned and periodic audits to verify compliance with all aspects of the quality assurance program and to determine the effectiveness of the program. The audits must be performed in accordance with written procedures or checklists by appropriately trained personnel not having direct responsibilities in the areas being audited. Audited results must be documented and reviewed by management having responsibility in the area audited. Follow-up action, including reaudit of deficient areas, must be taken where indicated.

AMENDATORY SECTION (Amending WSR 99-15-105, filed 7/21/99, effective 8/21/99)

WAC 246-231-200 Appendix A—Determination of A1 and A2. ~~(1)~~ (1) Values of A1 and A2 for individual radionuclides, which are the ~~(bases)~~ basis for many activity limits elsewhere in these regulations, are given in this section, Table A-1. The curie (Ci) values specified are obtained by converting from the Terabecquerel (TBq) ~~(figure)~~ value. The Terabecquerel values are the regulatory standard. The curie values are ~~((expressed to three significant figures to assure that the difference in the TBq and Ci quantities is one tenth of one percent or less))~~ for information only and are not intended to be the regulatory standard. Where values of A1 or A2 are unlimited, it is for radiation control purposes only. For nuclear criticality safety, some materials are subject to controls placed on fissile material.

~~(H-)~~ (2)(a) For individual radionuclides whose identities are known, but which are not listed in this section, Table A-1, the ~~((determination of the values of A1 and A2 requires NRC approval, except that the values of A1 and A2 in Table A-2 may be used without obtaining approval from the NRC.~~

~~(H-)~~ A1 and A2 values contained in this section, Table A-3 may be used. Otherwise, the licensee shall obtain prior USNRC approval of the A1 and A2 values for radionuclides not listed in this section, Table A-1, before shipping the material.

(b) For individual radionuclides whose identities are known, but which are not listed in this section, Table A-2, the exempt material activity concentration and exempt consignment activity values contained in this section, Table A-3 may be used. Otherwise, the licensee shall obtain prior USNRC approval of the exempt material activity concentration and exempt consignment activity values for radionuclides not listed in this section, Table A-2, before shipping the material.

(c) The licensee shall submit requests for prior approval, described under (a) and (b) of this subsection, to the USNRC in accordance with 10 CFR 71.1.

(3) In the calculations of A1 and A2 for a radionuclide not in this section, Table A-1, a single radioactive decay chain, in which radionuclides are present in their naturally occurring proportions, and in which no daughter ~~(nuclide)~~ radionuclide has a half-life either longer than ten days, or longer than that of the parent ~~(nuclide)~~ radionuclide, shall be considered as a single radionuclide, and the activity to be taken into account, and the A1 or A2 value to be applied shall be those corresponding to the parent ~~(nuclide)~~ radionuclide of that chain. In the case of radioactive decay chains in which any daughter ~~(nuclide)~~ radionuclide has a half-life either

longer than ten days, or greater than that of the parent ~~(nuclide)~~ radionuclide, the parent and those daughter ~~(nuclides)~~ radionuclides shall be considered as mixtures of different ~~(nuclides)~~ radionuclides.

~~(IV-)~~ (4) For mixtures of radionuclides whose identities and respective activities are known, the following conditions apply:

(a) For special form radioactive material, the maximum quantity transported in a Type A package:

$$\sum_I \frac{B(i)}{A1(i)} \quad \text{less than or equal to } 1$$

Where B(i) is the activity of radionuclide I, and A1(i) is the A1 value for radionuclide I.

(b) For normal form radioactive material, the maximum quantity transported in a Type A package:

$$\sum_I \frac{B(i)}{A2(i)} \quad \text{less than or equal to } 1$$

Where B(i) is the activity of radionuclide I and ~~((A1(i) and))~~ A2(i) ~~((are))~~ is the ~~((A1 and))~~ A2 value~~((s))~~ for radionuclide I~~((, respectively))~~.

~~(c)~~ (c) Alternatively, ~~((an))~~ the A1 value for mixtures of special form material may be determined as follows:

$$A1 \text{ for mixture} = \frac{1}{\sum_I \frac{f(i)}{A1(i)}}$$

Where f(i) is the fraction of activity ~~((of nuclide))~~ for radionuclide I in the mixture and A1(i) is the appropriate A1 value for ~~(nuclide)~~ radionuclide I.

~~(An)~~ (d) Alternatively, the A2 value for mixtures of normal form material may be determined as follows:

$$A2 \text{ for mixture} = \frac{1}{\sum_I \frac{f(i)}{A2(i)}}$$

Where f(i) is the fraction of activity ~~((of nuclide))~~ for radionuclide I in the mixture and A2(i) is the appropriate A2 value for ~~(nuclide)~~ radionuclide I.

~~(V-)~~ (e) The exempt activity concentration for mixtures of nuclides may be determined as follows:

$$\text{Exempt activity concentration for mixture} = \frac{1}{\sum_i \frac{f(i)}{[A](i)}}$$

Where f(i) is the fraction of activity concentration of radionuclide I in the mixture, and A is the activity concentration of material containing radionuclide I.

(f) The activity limit for an exempt consignment for mixtures of radionuclides may be determined as follows:

$$\text{Exempt consignment activity limit for mixture} = \frac{1}{\sum_i \frac{f(i)}{A(i)}}$$

Where f(i) is the fraction of activity of radionuclide I in the mixture, and A is the activity limit for exempt consignments for radionuclide I.

(5) When the identity of each radionuclide is known, but the individual activities of some of the radionuclides are not known, the radionuclides may be grouped and the lowest A1 or A2 value, as appropriate, for the radionuclides in each group may be used in applying the formulas in ((paragraph IV)) subsection (4) of this section. Groups may be based on the total alpha activity and the total beta/gamma activity when these are known, using the lowest A1 or A2 values for the alpha emitters and beta/gamma emitters.

Table A-1.—A1 and A2 Values for Radionuclides

Symbol of Radionuclide	Element and atomic number	((Specific activity					
		A1 (TBq)	A1 (Ci)	A2 (TBq)	A2 (Ci)	(TBq/g)	(Ci/g)
Ae-225	Actinium (89)	0.6	16.2	1E-2	0.270	2.1E+3	5.8E+4
Ae-227		40	1080	2E-5	5.41E-4	2.7	7.2E+1
Ae-228		0.6	16.2	0.4	10.8	8.4E+4	2.2E+6
Ag-105	Silver (47)	2	54.1	2	54.1	1.1E+3	3.0E+4
Ag-108m		0.6	16.2	0.6	16.2	9.7E-1	2.6E+1
Ag-110m		0.4	10.8	0.4	10.8	1.8E+2	4.7E+3
Ag-111		0.6	16.2	0.5	13.5	5.8E+3	1.6E+5
Al-26	Aluminum (13)	0.4	10.8	0.4	10.8	7.0E-4	1.9E-2
Am-241	Americium (95)	2	54.1	2E-4	5.41E-3	1.3E-1	3.4
Am-242m		2	54.1	2E-4	5.41E-3	3.6E-1	1.0E+1
Am-243		2	54.1	2E-4	5.41E-3	7.4E-3	2.0E-1
Ar-37	Argon (18)	40	1080	40	1080	3.7E+3	9.9E+4
Ar-39		20	54.1	20	54.1	1.3	3.4E+1
Ar-41		0.6	16.2	0.6	16.2	1.5E+6	4.2E+7
Ar-42		0.2	5.41	0.2	5.41	9.6	2.6E+2
As-72	Arsenic (33)	0.2	5.41	0.2	5.41	6.2E+4	1.7E+6
As-73		40	1080	40	1080	8.2E+2	2.2E+4
As-74		1	27.0	0.5	13.5	3.7E+3	9.9E+4
As-76		0.2	5.41	0.2	5.41	5.8E+4	1.6E+6
As-77		20	54.1	0.5	13.5	3.9E+4	1.0E+6
At-211	Astatine (85)	30	81.1	2	54.1	7.6E+4	2.1E+6
Au-193	Gold (79)	6	162	6	162	3.4E+4	9.2E+5
Au-194		1	27.0	1	27.0	1.5E+4	4.1E+5
Au-195		10	270	10	270	1.4E+2	3.7E+3
Au-196		2	54.1	2	54.1	4.0E+3	1.1E+5
Au-198		3	81.1	0.5	13.5	9.0E+3	2.4E+5
Au-199		10	270	0.9	24.3	7.7E+3	2.1E+5
Ba-131	Barium (56)	2	54.1	2	54.1	3.1E+3	8.4E+4
Ba-133m		10	270	0.9	24.3	2.2E+4	6.1E+5
Ba-133		3	81.1	3	81.1	9.4	2.6E+2
Ba-140		0.4	10.8	0.4	10.8	2.7E+3	7.3E+4
Be-7	Beryllium (4)	20	54.1	20	54.1	1.3E+4	3.5E+5
Be-10		20	54.1	0.5	13.5	8.3E-4	2.2E-2
Bi-205	Bismuth (83)	0.6	16.2	0.6	16.2	1.5E-3	4.2E+4

Symbol of Radionuclide	Element and atomic number	((Specific activity					
		A1 (TBq)	A1 (Ci)	A2 (TBq)	A2 (Ci)	(TBq/g)	(Ci/g)
Bi-206		0.3	8.11	0.3	8.11	3.8E+3	1.0E+5
Bi-207		0.7	18.9	0.7	18.9	1.9	5.2E+1
Bi-210m		0.3	8.11	3E-2	0.811	2.1E-5	5.7E-4
Bi-210		0.6	16.2	0.5	13.5	4.6E+3	1.2E+5
Bi-212		0.3	8.11	0.3	8.11	5.4E+5	1.5E+7
Bk-247	Berkelium (97)	2	54.1	2E-4	5.41E-3	3.8E-2	1.0
Bk-249		40	1080	8E-2	2.16	6.1E+1	1.6E+3
Br-76	Bromine (35)	0.3	8.11	0.3	8.11	9.4E+4	2.5E+6
Br-77		3	81.1	3	81.1	2.6E+4	7.1E+5
Br-82		0.4	10.8	0.4	10.8	4.0E+4	1.1E+6
C-11	Carbon (6)	1	27	0.5	13.5	3.1E+7	8.4E+8
C-14		40	1080	2	54.1	1.6E-1	4.5
Ca-41	Calcium (20)	40	1080	40	1080	3.1E-3	8.5E-2
Ca-45		40	1080	0.9	24.3	6.6E+2	1.8E+4
Ca-47		0.9	24.3	0.5	13.5	2.3E+4	6.1E+5
Cd-109	Cadmium (48)	40	1080	1	27.0	9.6E+1	2.6E+3
Cd-113m		20	54.1	9E-2	2.43	8.3	2.2E+2
Cd-115m		0.3	8.11	0.3	8.11	9.4E+2	2.5E+4
Cd-115		4	108	0.5	13.5	1.9E+4	5.1E+5
Ce-139	Cerium (58)	6	162	6	162	2.5E+2	6.8E+3
Ce-141		10	270	0.5	13.5	1.1E+3	2.8E+4
Ce-143		0.6	16.2	0.5	13.5	2.5E+4	6.6E+5
Ce-144		0.2	5.41	0.2	5.41	1.2E+2	3.2E+3
Cf-248	Californium (98)	30	811	3E-3	8.11E-2	5.8E+1	1.6E+3
Cf-249		2	54.1	2E-4	5.41E-3	1.5E-1	4.1
Cf-250		5	135	5E-4	1.35E-2	4.0	1.1E+2
Cf-251		2	54.1	2E-4	5.41E-3	5.9E-2	1.6
Cf-252		0.1	2.70	1E-3	2.70E-2	2.0E+1	5.4E+2
Cf-253		40	1080	6E-2	1.62	1.1E+3	2.9E+4
Cf-254		3E-3	8.11E-2	6E-4	1.62E-2	3.1E+2	8.5E+3
Cl-36	Chlorine (17)	20	54.1	0.5	13.5	1.2E-3	3.3E-2
Cl-38		0.2	5.41	0.2	5.41	4.9E+6	1.3E+8
Cm-240	Curium (96)	40	1080	2E-2	0.541	7.5E+2	2.0E+4
Cm-241		2	54.1	0.9	24.3	6.1E+2	1.7E+4
Cm-242		40	1080	1E-2	0.270	1.2E+2	3.3E+3
Cm-243		3	81.1	3E-4	8.11E-3	1.9	5.2E+1
Cm-244		4	108	4E-4	1.08E-2	3.0	8.1E+1
Cm-245		2	54.1	2E-4	5.41E-3	6.4E-3	1.7E-1
Cm-246		2	54.1	2E-4	5.41E-3	1.1E-2	3.1E-1
Cm-247		2	54.1	2E-4	5.41E-3	3.4E-6	9.3E-5
Cm-248		4E-2	1.08	5E-5	1.35E-3	1.6E-4	4.2E-3
Co-55	Cobalt (27)	0.5	13.5	0.5	13.5	1.1E+5	3.1E+6
Co-56		0.3	8.11	0.3	8.11	1.1E+3	3.0E+4
Co-57		8	216	8	216	3.1E+2	8.4E+3
Co-58m		40	1080	40	1080	2.2E+5	5.9E+6
Co-58		1	27.0	1	27.0	1.2E+3	3.2E+4
Co-60		0.4	10.8	0.4	10.8	4.2E+1	1.1E+3
Cr-51	Chromium (24)	30	811	30	811	3.4E+3	9.2E+4
Cs-129	Cesium (55)	4	108	4	108	2.8E+4	7.6E+5
Cs-131		40	1080	40	1080	3.8E+3	1.0E+5
Cs-132		1	27.0	1	27.0	5.7E+3	1.5E+5
Cs-134m		40	1080	9	243	3.0E+5	8.0E+6
Cs-134		0.6	16.2	0.5	13.5	4.8E+1	1.3E+3
Cs-135		40	1080	0.9	24.3	4.3E-5	1.2E-3

Symbol of Radionuclide	Element and atomic number	((Specific activity					
		A1 (TBq)	A1 (Ci)	A2 (TBq)	A2 (Ci)	(TBq/g)	(Ci/g)
Cs-136		0.5	13.5	0.5	13.5	2.7E+3	7.3E+4
Cs-137		2	54.1	0.5	13.5	3.2	8.7E+1
Cu-64	Copper (29)	5	135	0.9	24.3	1.4E+5	3.9E+6
Cu-67		9	243	0.9	24.3	2.8E+4	7.6E+5
Dy-159	Dysprosium (66)	20	541	20	541	2.1E+2	5.7E+3
Dy-165		0.6	16.2	0.5	13.5	3.0E+5	8.2E+6
Dy-166		0.3	8.11	0.3	8.11	8.6E+3	2.3E+5
Er-169	Erbium (68)	40	1080	0.9	24.3	3.1E+3	8.3E+4
Er-171		0.6	16.2	0.5	13.5	9.0E+4	2.4E+6
Es-253	Einsteinium (99)a	200	5400	2E-2	5.41E-1		
Es-254		30	811	3E-3	8.11E-2		
Es-254m		0.6	16.2	0.4	10.8		
Es-255							
Eu-147	Europium (63)	2	54.1	2	54.1	1.4E+3	3.7E+4
Eu-148		0.5	13.5	0.5	13.5	6.0E+2	1.6E+4
Eu-149		20	541	20	541	3.5E+2	9.4E+3
Eu-150		0.7	18.9	0.7	18.9	6.1E+4	1.6E+6
Eu-152m		0.6	16.2	0.5	13.5	8.2E+4	2.2E+6
Eu-152		0.9	24.3	0.9	24.3	6.5	1.8E+2
Eu-154		0.8	21.6	0.5	13.5	9.8	2.6E+2
Eu-155		20	541	2	54.1	1.8E+1	4.9E+2
Eu-156		0.6	16.2	0.5	13.5	2.0E+3	5.5E+4
F-18	Fluorine (9)	1	27.0	0.5	13.5	3.5E+6	9.5E+7
Fe-52	Iron (26)	0.2	5.41	0.2	5.41	2.7E+5	7.3E+6
Fe-55		40	1080	40	1080	8.8E+1	2.4E+3
Fe-59		0.8	21.6	0.8	21.6	1.8E+3	5.0E+4
Fe-60		40	1080	0.2	5.41	7.4E-4	2.0E-2
Fm-255	Fermium (100)b	40	1080	0.8	21.6		
Fm-257		10	270	8E-3	2.16E-1		
Ga-67	Gallium (31)	6	162	6	162	2.2E+4	6.0E+5
Ga-68		0.3	8.11	0.3	8.11	1.5E+6	4.1E+7
Ga-72		0.4	10.8	0.4	10.8	1.1E+5	3.1E+6
Gd-146	Gadolinium (64)	0.4	10.8	0.4	10.8	6.9E+2	1.9E+4
Gd-148		3	81.1	3E-4	8.11E-3	1.2	3.2E+1
Gd-153		10	270	5	135	1.3E+2	3.5E+3
Gd-159		4	108	0.5	13.5	3.9E+4	1.1E+6
Ge-68	Germanium (32)	0.3	8.11	0.3	8.11	2.6E+2	7.1E+3
Ge-71		40	1080	40	1080	5.8E+3	1.6E+5
Ge-77		0.3	8.11	0.3	8.11	1.3E+5	3.6E+6
H-3	Hydrogen (1)	See T-Tritium					
Hf-172	Hafnium (72)	0.5	13.5	0.3	8.11	4.1E+1	1.1E+3
Hf-175		3	81.1	3	81.1	3.9E+2	1.1E+4
Hf-181		2	54.1	0.9	24.3	6.3E+2	1.7E+4
Hf-182		4	108	3E-2	0.811	8.1E-6	2.2E-4
Hg-194	Mercury (80)	1	27.0	1	27.0	1.3E-1	3.5
Hg-195m		5	135	5	135	1.5E+4	4.0E+5
Hg-197m		10	270	0.9	24.3	2.5E+4	6.7E+5
Hg-197		10	270	10	270	9.2E+3	2.5E+5
Hg-203		4	108	0.9	24.3	5.1E+2	1.4E+4
Ho-163	Holmium (67)	40	1080	40	1080	2.7	7.6E+1
Ho-166m		0.6	16.2	0.3	8.11	6.6E-2	1.8
Ho-166		0.3	8.11	0.3	8.11	2.6E+4	7.0E+5
I-123	Iodine (53)	6	162	6	162	7.1E+4	1.9E+6
I-124		0.9	24.3	0.9	24.3	9.3E+3	2.5E+5

Symbol of Radionuclide	Element and atomic number	((Specific activity					
		A1(TBq)	A1(Ci)	A2(TBq)	A2(Ci)	(TBq/g)	(Ci/g)
I-125		20	541	2	54.1	6.4E+2	1.7E+4
I-126		2	54.1	0.9	24.3	2.9E+3	8.0E+4
I-129		Unlimited	Unlimited	Unlimited	Unlimited	6.5E-6	1.8E-4
I-131		3	81.1	0.5	13.5	4.6E+3	1.2E+5
I-132		0.4	10.8	0.4	10.8	3.8E+5	1.0E+7
I-133		0.6	16.2	0.5	13.5	4.2E+4	1.1E+6
I-134		0.3	8.11	0.3	8.11	9.9E+5	2.7E+7
I-135		0.6	16.2	0.5	13.5	1.3E+5	3.5E+6
In-111	Indium (49)	2	54.1	2	54.1	1.5E+4	4.2E+5
In-113m		4	108	4	108	6.2E+5	1.7E+7
In-114m		0.3	8.11	0.3	8.11	8.6E+2	2.3E+4
In-115m		6	162	0.9	24.3	2.2E+5	6.1E+6
Ir-189	Iridium (77)	10	270	10	270	1.9E+3	5.2E+4
Ir-190		0.7	18.9	0.7	18.9	2.3E+3	6.2E+4
Ir-192		1	27.0	0.5	13.5	3.4E+2	9.2E+3
Ir-193m		10	270	10	270	2.4E+3	6.4E+4
Ir-194		0.2	5.41	0.2	5.41	3.1E+4	8.4E+5
K-40	Potassium (19)	0.6	16.2	0.6	16.2	2.4E-7	6.4E-6
K-42		0.2	5.41	0.2	5.41	2.2E+5	6.0E+6
K-43		1.0	27.0	0.5	13.5	1.2E+5	3.3E+6
Kr-81	Krypton (36)	40	1080	40	1080	7.8E-4	2.1E-2
Kr-85m		6	162	6	162	3.0E+5	8.2E+6
Kr-85		20	541	10	270	1.5E+1	3.9E+2
Kr-87		0.2	5.41	0.2	5.41	1.0E+6	2.8E+7
La-137	Lanthanum (57)	40	1080	2	54.1	1.6E-3	4.4E-2
La-140		0.4	10.8	0.4	10.8	2.1E+4	5.6E+5
Lu-172	Lutetium (71)	0.5	13.5	0.5	13.5	4.2E+3	1.1E+5
Lu-173		8	216	8	216	5.6E+1	1.5E+3
Lu-174m		20	541	8	216	2.0E+2	5.3E+3
Lu-174		8	216	4	108	2.3E+1	6.2E+2
Lu-177		30	811	0.9	24.3	4.1E+3	1.1E+5
MFP		(6) For mixed fission products, use formula for mixtures of Table A-2					
Mg-28	Magnesium (12)	0.2	5.41	0.2	5.41	2.0E+5	5.4E+6
Mn-52	Manganese (25)	0.3	8.11	0.3	8.11	1.6E+4	4.4E+5
Mn-53		Unlimited	Unlimited	Unlimited	Unlimited	6.8E-5	1.8E-3
Mn-54		1	27.0	1	27.0	2.9E+2	7.7E+3
Mn-56		0.2	5.41	0.2	5.41	8.0E+5	2.2E+7
Mo-93	Molybdenum (42)	40	1080	7	189	4.1E-2	1.1
Mo-99		0.6	16.2	0.5	13.5e	1.8E+4	4.8E+5
N-13	Nitrogen (7)	0.6	16.2	0.5	13.5	5.4E+7	1.5E+9
Na-22	Sodium (11)	0.5	13.5	0.5	13.5	2.3E+2	6.3E+3
Na-24		0.2	5.41	0.2	5.41	3.2E+5	8.7E+6
Nb-92m	Niobium (41)	0.7	18.9	0.7	18.9	5.2E+3	1.4E+5
Nb-93m		40	1080	6	162	8.8	2.4E+2
Nb-94		0.6	16.2	0.6	16.2	6.9E-3	1.9E-1
Nb-95		1	27.0	1	27.0	1.5E+3	3.9E+4
Nb-97		0.6	16.2	0.5	13.5	9.9E+5	2.7E+7
Nd-147	Neodymium (60)	4	108	0.5	13.5	3.0E+3	8.1E+4
Nd-149		0.6	16.2	0.5	13.5	4.5E+5	1.2E+7
Ni-59	Nickel (28)	40	1080	40	1080	3.0E-3	8.0E-2
Ni-63		40	1080	30	811	2.1	5.7E+1
Ni-65		0.3	8.11	0.3	8.11	7.1E+5	1.9E+7
Np-235	Neptunium (93)	40	1080	40	1080	5.2E+1	1.4E+3
Np-236		7	189	1E-3	2.70E-2	4.7E-4	1.3E-2

Symbol of Radionuclide	Element and atomic number	((Specific activity					
		A1 (TBq)	A1 (Ci)	A2 (TBq)	A2 (Ci)	(TBq/g)	(Ci/g)
Np-237		2	54.1	2.0E-4	5.41E-3	2.6E-5	7.1E-4
Np-239		6	162	0.5	13.5	8.6E+3	2.3E+5
Os-185	Osmium (76)	1	27.0	1	27.0	2.8E+2	7.5E+3
Os-191m		40	1080	40	1080	4.6E+4	1.3E+6
Os-191		10	270	0.9	24.3	1.6E+3	4.4E+4
Os-193		0.6	16.2	0.5	13.5	2.0E+4	5.3E+5
Os-194		0.2	5.41	0.2	5.41	1.1E+1	3.1E+2
P-32	Phosphorus (15)	0.3	8.11	0.3	8.11	1.1E+4	2.9E+5
P-33		40	1080	0.9	24.3	5.8E+3	1.6E+5
Pa-230	Protactinium (91)	2	54.1	0.1	2.70	1.2E+3	3.3E+4
Pa-231		0.6	16.2	6E-5	1.62E-3	1.7E-3	4.7E-2
Pa-233		5	135	0.9	24.3	7.7E+2	2.1E+4
Pb-201	Lead (82)	1	27.0	1	27.0	6.2E+4	1.7E+6
Pb-202		40	1080	2	54.1	1.2E-4	3.4E-3
Pb-203		3	81.1	3	81.1	1.1E+4	3.0E+5
Pb-205		Unlimited	Unlimited	Unlimited	Unlimited	4.5E-6	1.2E-4
Pb-210		0.6	16.2	9E-3	0.243	2.8	7.6E+1
Pb-212		0.3	8.11	0.3	8.11	5.1E+4	1.4E+6
Pd-103	Palladium (46)	40	1080	40	1080	2.8E+3	7.5E+4
Pd-107		Unlimited	Unlimited	Unlimited	Unlimited	1.9E-5	5.1E-4
Pd-109		0.6	16.2	0.5	13.5	7.9E+4	2.1E+6
Pm-143	Promethium (61)	3	81.1	3	81.1	1.3E+2	3.4E+3
Pm-144		0.6	16.2	0.6	16.2	9.2E+1	2.5E+3
Pm-145		30	811	7	189	5.2	1.4E+2
Pm-147		40	1080	0.9	24.3	3.4E+1	9.3E+2
Pm-148m		0.5	13.5	0.5	13.5	7.9E+2	2.1E+4
Pm-149		0.6	16.2	0.5	13.5	1.5E+4	4.0E+5
Pm-151		3	81.1	0.5	13.5	2.7E+4	7.3E+5
Po-208	Polonium (84)	40	1080	2E-2	0.541	2.2E+1	5.9E+2
Po-209		40	1080	2E-2	0.541	6.2E-1	1.7E+1
Po-210		40	1080	2E-2	0.541	1.7E+2	4.5E+3
Pr-142	Praseodymium (59)	0.2	5.41	0.2	5.41	4.3E+4	1.2E+6
Pr-143		4	108	0.5	13.5	2.5E+3	6.7E+4
Pt-188	Platinum (78)	0.6	16.2	0.6	16.2	2.5E+3	6.8E+4
Pt-191		3	81.1	3	81.1	8.7E+3	2.4E+5
Pt-193m		40	1080	9	243	5.8E+3	1.6E+5
Pt-193		40	1080	40	1080	1.4	3.7E+1
Pt-195m		10	270	2	54.1	6.2E+3	1.7E+5
Pt-197m		10	270	0.9	24.3	3.7E+5	1.0E+7
Pt-197		20	541	0.5	13.5	3.2E+4	8.7E+5
Pu-236	Plutonium (94)	7	189	7E-4	1.89E-2	2.0E+1	5.3E+2
Pu-237		20	541	20	541	4.5E+2	1.2E+4
Pu-238		2	54.1	2E-4	5.41E-3	6.3E-1	1.7E+1
Pu-239		2	54.1	2E-4	5.41E-3	2.3E-3	6.2E-2
Pu-240		2	54.1	2E-4	5.41E-3	8.4E-3	2.3E-1
Pu-241		40	1080	1E-2	0.270	3.8	1.0E+2
Pu-242		2	54.1	2E-4	5.41E-3	1.5E-4	3.9E-3
Pu-244		0.3	8.11	2E-4	5.41E-3	6.7E-7	1.8E-5
Ra-223	Radium (88)	0.6	16.2	3E-2	0.811	1.9E+3	5.1E+4
Ra-224		0.3	8.11	6E-2	1.62	5.9E+3	1.6E+5
Ra-225		0.6	16.2	2E-2	0.541	1.5E+3	3.9E+4
Ra-226		0.3	8.11	2E-2	0.541	3.7E-2	1.0
Ra-228		0.6	16.2	4E-2	1.08	1.0E+1	2.7E+2
Rb-81	Rubidium (37)	2	54.1	0.9	24.3	3.1E+5	8.4E+6

Symbol of Radionuclide	Element and atomic number	((Specific activity					
		A1 (TBq)	A1 (Ci)	A2 (TBq)	A2 (Ci)	(TBq/g)	(Ci/g)
Rb-83		2	54.1	2	54.1	6.8E+2	1.8E+4
Rb-84		1	27.0	0.9	24.3	1.8E+3	4.7E+4
Rb-86		0.3	8.11	0.3	8.11	3.0E+3	8.1E+4
Rb-87		Unlimited	Unlimited	Unlimited	Unlimited	3.2E-9	8.6E-8
Rb (natural)		Unlimited	Unlimited	Unlimited	Unlimited	6.7E+6	1.8E+8
Re-183	Rhenium (75)	5	135	5	135	3.8E+2	1.0E+4
Re-184m		3	81.1	3	81.1	1.6E+2	4.3E+3
Re-184		1	27.0	1	27.0	6.9E+2	1.9E+4
Re-186		4	108	0.5	13.5	6.9E+3	1.9E+5
Re-187		Unlimited	Unlimited	Unlimited	Unlimited	1.4E-9	3.8E-8
Re-188		0.2	5.41	0.2	5.41	3.6E+4	9.8E+5
Re-189		4	108	0.5	13.5	2.5E+4	6.8E+5
Re (natural)		Unlimited	Unlimited	Unlimited	Unlimited		2.4E-8
Rh-99	Rhodium (45)	2	54.1	2	54.1	3.0E+3	8.2E+4
Rh-101		4	108	4	108	4.1E+1	1.1E+3
Rh-102m		2	54.1	0.9	24.3	2.3E+2	6.2E+3
Rh-102		0.5	13.5	0.5	13.5	4.5E+1	1.2E+3
Rh-103m		40	1080	40	1080	1.2E+6	3.3E+7
Rh-105		10	270	0.9	24.3	3.1E+4	8.4E+5
Rn-222	Radon (86)	0.2	5.41	4E-3	0.108	5.7E+3	1.5E+5
Ru-97	Ruthenium (44)	4	108	4	108	1.7E+4	4.6E+5
Ru-103		2	54.1	0.9	24.3	1.2E+3	3.2E+4
Ru-105		0.6	16.2	0.5	13.5	2.5E+5	6.7E+6
Ru-106		0.2	5.41	0.2	5.41	1.2E+2	3.3E+3
S-35	Sulfur (16)	40	1080	2	54.1	1.6E+3	4.3E+4
Sb-122	Antimony (51)	0.3	8.11	0.3	8.11	1.5E+4	4.0E+5
Sb-124		0.6	16.2	0.5	13.5	6.5E+2	1.7E+4
Sb-125		2	54.1	0.9	24.3	3.9E+1	1.0E+3
Sb-126		0.4	10.8	0.4	10.8	3.1E+3	8.4E+4
Sc-44	Scandium (21)	0.5	13.5	0.5	13.5	6.7E+5	1.8E+7
Sc-46		0.5	13.5	0.5	13.5	1.3E+3	3.4E+4
Sc-47		9	243	0.9	24.3	3.1E+4	8.3E+5
Sc-48		0.3	8.11	0.3	8.11	5.5E+4	1.5E+6
Se-75	Selenium (34)	3	81.1	3	81.1	5.4E+2	1.5E+4
Se-79		40	1080	2	54.1	2.6E-3	7.0E-2
Si-31	Silicon (14)	0.6	16.2	0.5	13.5	1.4E+6	3.9E+7
Si-32		40	1080	0.2	5.41	3.9	1.1E+2
Sm-145	Samarium (62)	20	541	20	541	9.8E+1	2.6E+3
Sm-147		Unlimited	Unlimited	Unlimited	Unlimited	8.5E-1	2.3E-8
Sm-151		40	1080	4	108	9.7E-1	2.6E+1
Sm-153		4	108	0.5	13.5	1.6E+4	4.4E+5
Sn-113	Tin (50)	4	108	4	108	3.7E+2	1.0E+4
Sn-117m		6	162	2	54.1	3.0E+3	8.2E+4
Sn-119m		40	1080	40	1080	1.4E+2	3.7E+3
Sn-121m		40	1080	0.9	24.3	2.0	5.4E+1
Sn-123		0.6	16.2	0.5	13.5	3.0E+2	8.2E+3
Sn-125		0.2	5.41	0.2	5.41	4.0E+3	1.1E+5
Sn-126		0.3	8.11	0.3	8.11	1.0E-3	2.8E-2
Sr-82	Strontium (38)	0.2	5.41	0.2	5.41	2.3E+3	6.2E+4
Sr-85m		5	135	5	135	1.2E+6	3.3E+7
Sr-85		2	54.1	2	54.1	8.8E+2	2.4E+4
Sr-87m		3	81.1	3	81.1	4.8E+5	1.3E+7
Sr-89		0.6	16.2	0.5	13.5	1.1E+3	2.9E+4
Sr-90		0.2	5.41	0.1	2.70	5.1	1.4E+2

Symbol of Radionuclide	Element and atomic number	((Specific activity					
		A1 (TBq)	A1 (Ci)	A2 (TBq)	A2 (Ci)	(TBq/g)	(Ci/g)
Sr-91		0.3	8.11	0.3	8.11	1.3E+5	3.6E+6
Sr-92		0.8	21.6	0.5	13.5	4.7E+5	1.3E+7
T	Tritium (1)	40	1080	40	1080	3.6E+2	9.7E+3
Ta-178	Tantalum (73)	1	27.0	1	27.0	4.2E+6	1.1E+8
Ta-179		30	811	30	811	4.1E+1	1.1E+3
Ta-182		0.8	21.6	0.5	13.5	2.3E+2	6.2E+3
Tb-157	Terbium (65)	40	1080	10	270	5.6E-1	1.5E+1
Tb-158		1	27.0	0.7	18.9	5.6E-1	1.5E+1
Tb-160		0.9	24.3	0.5	13.5	4.2E+2	1.1E+4
Tc-95m	Technetium (43)	2	54.1	2	54.1	8.3E+2	2.2E+4
Tc-96m		0.4	10.8	0.4	10.8	1.4E+6	3.8E+7
Tc-96		0.4	10.8	0.4	10.8	1.2E+4	3.2E+5
Tc-97m		40	1080	40	1080	5.6E+2	1.5E+4
Tc-97		Unlimited	Unlimited	Unlimited	Unlimited	5.2E-5	1.4E-3
Tc-98		0.7	18.9	0.7	18.9	3.2E-5	8.7E-4
Tc-99m		8	216	8	216	1.9E+5	5.3E+6
Tc-99		40	1080	0.9	24.3	6.3E-4	1.7E-2
Tc-118	Tellurium (52)	0.2	5.41	0.2	5.41	6.8E+3	1.8E+5
Tc-121m		5	135	5	135	2.6E+2	7.0E+3
Tc-121		2	54.1	2	54.1	2.4E+3	6.4E+4
Tc-123m		7	189	7	189	3.3E+2	8.9E+3
Tc-125m		30	811	9	243	6.7E+2	1.8E+4
Tc-127m		20	541	0.5	13.5	3.5E+2	9.4E+3
Tc-127		20	541	0.5	13.5	9.8E+4	2.6E+6
Tc-129m		0.6	16.2	0.5	13.5	1.1E+3	3.0E+4
Tc-129		0.6	16.2	0.5	13.5	7.7E+5	2.1E+7
Tc-131m		0.7	18.9	0.5	13.5	3.0E+4	8.0E+5
Tc-132		0.4	10.8	0.4	10.8	1.1E+4	3.0E+5
Th-227	Thorium (90)	9	243	1E-2	0.270	1.1E+3	3.1E+4
Th-228		0.3	8.11	4E-4	1.08E-2	3.0E+1	8.2E+2
Th-229		0.3	8.11	3E-5	8.11E-4	7.9E-3	2.1E-1
Th-230		2	54.1	2E-4	5.41E-3	7.6E-4	2.1E-2
Th-231		40	1080	0.9	24.3	2.0E+4	5.3E+5
Th-232		Unlimited	Unlimited	Unlimited	Unlimited	4.0E-9	1.1E-7
Th-234		0.2	5.41	0.2	5.41	8.6E+2	2.3E+4
Th (natural)		Unlimited	Unlimited	Unlimited	Unlimited	8.1E-9	2.2E-7
Ti-44	Titanium (22)	0.5	13.5	0.2	5.41	6.4	1.7E+2
Tl-200	Thallium (81.1)	0.8	21.6	0.8	21.6	2.2E+4	6.0E+5
Tl-201		10	270	10	270	7.9E+3	2.1E+5
Tl-202		2	54.1	2	54.1	2.0E+3	5.3E+4
Tl-204		4	108	0.5	13.5	1.7E+1	4.6E+2
Tm-167	Thulium (69)	7	189	7	189	3.1E+3	8.5E+4
Tm-168		0.8	21.6	0.8	21.6	3.1E+2	8.3E+3
Tm-170		4	108	0.5	13.5	2.2E+2	6.0E+3
Tm-171		40	1080	10	270	4.0E+1	1.1E+3
U-230	Uranium (92)	40	1080	1E-2	0.270	1.0E+3	2.7E+4
U-232		3	81.1	3E-4	8.11E-3	8.3E-1	2.2E+1
U-233		10	270	1E-3	2.70E-2	3.6E-4	9.7E-3
U-234		10	270	1E-3	2.70E-2	2.3E-4	6.2E-3
U-235		Unlimited	Unlimited	Unlimited	Unlimited	8.0E-8	2.2E-6
U-236		10	270	1E-3	2.70E-2	2.4E-6	6.5E-5
U-238		Unlimited	Unlimited	Unlimited	Unlimited	1.2E-8	3.4E-7
U (natural)		Unlimited	Unlimited	Unlimited	Unlimited	2.6E-8	7.1E-7
U (enriched 5% or less)		Unlimited	Unlimited	Unlimited	Unlimited	(See Table A-3)	

Symbol of Radionuclide	Element and atomic number	((Specific activity					
		A1 (TBq)	A1 (Ci)	A2 (TBq)	A2 (Ci)	(TBq/g)	(Ci/g)
U (enriched more than 5%)		10	270	1E-3	2.70E-2	(See Table A-3)	
U (depleted)		Unlimited	Unlimited	Unlimited	Unlimited	(See Table A-3)	
V-48	Vanadium (23)	0.3	8.11	0.3	8.11	6.3E+3	1.7E+5
V-49		40	1080	40	1080	3.0E+2	8.1E+3
W-178	Tungsten (74)	1	27.0	1	27.0	1.3E+3	3.4E+4
W-181		30	811	30	811	2.2E+2	6.0E+3
W-185		40	1080	0.9	24.3	3.5E+2	9.4E+3
W-187		2	54.1	0.5	13.5	2.6E+4	7.0E+5
W-188		0.2	5.41	0.2	5.41	3.7E+2	1.0E+4
Xe-122	Xenon (54)	0.2	5.41	0.2	5.41	4.8E+4	1.3E+6
Xe-123		0.2	5.41	0.2	5.41	4.4E+5	1.2E+7
Xe-127		4	108	4	108	1.0E+3	2.8E+4
Xe-131m		40	1080	40	1080	3.1E+3	8.4E+4
Xe-133		20	541	20	541	6.9E+3	1.9E+5
Xe-135		4	108	4	108	9.5E+4	2.6E+6
Y-87	Yttrium (39)	2	54.1	2	54.1	1.7E+4	4.5E+5
Y-88		0.4	10.8	0.4	10.8	5.2E+2	1.4E+4
Y-90		0.2	5.41	0.2	5.41	2.0E+4	5.4E+5
Y-91m		2	54.1	2	54.1	1.5E+6	4.2E+7
Y-91		0.3	8.11	0.3	8.11	9.1E+2	2.5E+4
Y-92		0.2	5.41	0.2	5.41	3.6E+5	9.6E+6
Y-93		0.2	5.41	0.2	5.41	1.2E+5	3.3E+6
Yb-169	Ytterbium (70)	3	81.1	3	81.1	8.9E+2	2.4E+4
Yb-175		30	811	0.9	24.3	6.6E+3	1.8E+5
Zn	Zinc (30)	2	54.1	2	54.1	3.0E+2	8.2E+3
n-65							
Zn-69m		2	54.1	0.5	13.5	1.2E+5	3.3E+6
Zn-69		4	108	0.5	13.5	1.8E+6	4.9E+7
Zr-88	Zirconium (40)	3	81.1	3	81.1	6.6E+2	1.8E+4
Zr-93		40	1080	0.2	5.41	9.3E-5	2.5E-3
Zr-95		1	27.0	0.9	24.3	7.9E+2	2.1E+4
Zr-97		0.3	8.11	0.3	8.11	7.1E+4	1.9E+6

- a International shipments of Einsteinium require multilateral approval of A1 and A2 values.
- b International shipments of Fermium require multilateral approval of A1 and A2 values.
- e 20 Ci for Mo99 for domestic use.)

Symbol of radionuclide	Element and atomic number	A1 (TBq)	A1 (Ci) ^b	A2 (TBq)	A2 (Ci) ^b	Specific activity	
						(TBq/g)	(Ci/g)
Ac-225 (a)	Actinium (89)	8.0X10 ⁻¹	2.2X10 ¹	6.0X10 ⁻³	1.6X10 ⁻¹	2.1X10 ³	5.8X10 ⁴
Ac-227 (a)		9.0X10 ⁻¹	2.4X10 ¹	9.0X10 ⁻⁵	2.4X10 ⁻³	2.7	7.2X10 ¹
Ac-228		6.0X10 ⁻¹	1.6X10 ¹	5.0X10 ⁻¹	1.4X10 ¹	8.4X10 ⁴	2.2X10 ⁶
Ag-105	Silver (47)	2.0	5.4X10 ¹	2.0	5.4X10 ¹	1.1X10 ³	3.0X10 ⁴
Ag-108m (a)		7.0X10 ⁻¹	1.9X10 ¹	7.0X10 ⁻¹	1.9X10 ¹	9.7X10 ⁻¹	2.6X10 ¹
Ag-110m (a)		4.0X10 ⁻¹	1.1X10 ¹	4.0X10 ⁻¹	1.1X10 ¹	1.8X10 ²	4.7X10 ³
Ag-111		2.0	5.4X10 ¹	6.0X10 ⁻¹	1.6X10 ¹	5.8X10 ³	1.6X10 ⁵
Al-26	Aluminum (13)	1.0X10 ⁻¹	2.7	1.0X10 ⁻¹	2.7	7.0X10 ⁻⁴	1.9X10 ⁻²
Am-241	Americium (95)	1.0X10 ¹	2.7X10 ²	1.0X10 ⁻³	2.7X10 ⁻²	1.3X10 ⁻¹	3.4
Am-242m (a)		1.0X10 ¹	2.7X10 ²	1.0X10 ⁻³	2.7X10 ⁻²	3.6X10 ⁻¹	1.0X10 ¹
Am-243 (a)		5.0	1.4X10 ²	1.0X10 ⁻³	2.7X10 ⁻²	7.4X10 ⁻³	2.0X10 ⁻¹
Ar-37	Argon (18)	4.0X10 ¹	1.1X10 ³	4.0X10 ¹	1.1X10 ³	3.7X10 ³	9.9X10 ⁴
Ar-39		4.0X10 ¹	1.1X10 ³	2.0X10 ¹	5.4X10 ²	1.3	3.4X10 ¹
Ar-41		3.0X10 ⁻¹	8.1	3.0X10 ⁻¹	8.1	1.5X10 ⁶	4.2X10 ⁷
As-72	Arsenic (33)	3.0X10 ⁻¹	8.1	3.0X10 ⁻¹	8.1	6.2X10 ⁴	1.7X10 ⁶
As-73		4.0X10 ¹	1.1X10 ³	4.0X10 ¹	1.1X10 ³	8.2X10 ²	2.2X10 ⁴

Symbol of radionuclide	Element and atomic number	A1 (TBq)	A1 (Ci) ^b	A2 (TBq)	A2 (Ci) ^b	Specific activity	
						(TBq/g)	(Ci/g)
As-74		1.0	2.7X10 ¹	9.0X10 ⁻¹	2.4X10 ¹	3.7X10 ³	9.9X10 ⁴
As-76		3.0X10 ⁻¹	8.1	3.0X10 ⁻¹	8.1	5.8X10 ⁴	1.6X10 ⁶
As-77		2.0X10 ¹	5.4X10 ²	7.0X10 ⁻¹	1.9X10 ¹	3.9X10 ⁴	1.0X10 ⁶
At-211 (a)	Astatine (85)	2.0X10 ¹	5.4X10 ²	5.0X10 ⁻¹	1.4X10 ¹	7.6X10 ⁴	2.1X10 ⁶
Au-193	Gold (79)	7.0	1.9X10 ²	2.0	5.4X10 ¹	3.4X10 ⁴	9.2X10 ⁵
Au-194		1.0	2.7X10 ¹	1.0	2.7X10 ¹	1.5X10 ⁴	4.1X10 ⁵
Au-195		1.0X10 ¹	2.7X10 ²	6.0	1.6X10 ²	1.4X10 ²	3.7X10 ³
Au-198		1.0	2.7X10 ¹	6.0X10 ⁻¹	1.6X10 ¹	9.0X10 ³	2.4X10 ⁵
Au-199		1.0X10 ¹	2.7X10 ²	6.0X10 ⁻¹	1.6X10 ¹	7.7X10 ³	2.1X10 ⁵
Ba-131 (a)	Barium (56)	2.0	5.4X10 ¹	2.0	5.4X10 ¹	3.1X10 ³	8.4X10 ⁴
Ba-133		3.0	8.1X10 ¹	3.0	8.1X10 ¹	9.4	2.6X10 ²
Ba-133m		2.0X10 ¹	5.4X10 ²	6.0X10 ⁻¹	1.6X10 ¹	2.2X10 ⁴	6.1X10 ⁵
Ba-140 (a)		5.0X10 ⁻¹	1.4X10 ¹	3.0X10 ⁻¹	8.1	2.7X10 ³	7.3X10 ⁴
Be-7	Beryllium (4)	2.0X10 ¹	5.4X10 ²	2.0X10 ¹	5.4X10 ²	1.3X10 ⁴	3.5X10 ⁵
Be-10		4.0X10 ¹	1.1X10 ³	6.0X10 ⁻¹	1.6X10 ¹	8.3X10 ⁻⁴	2.2X10 ⁻²
Bi-205	Bismuth (83)	7.0X10 ⁻¹	1.9X10 ¹	7.0X10 ⁻¹	1.9X10 ¹	1.5X10 ³	4.2X10 ⁴
Bi-206		3.0X10 ⁻¹	8.1	3.0X10 ⁻¹	8.1	3.8X10 ³	1.0X10 ⁵
Bi-207		7.0X10 ⁻¹	1.9X10 ¹	7.0X10 ⁻¹	1.9X10 ¹	1.9	5.2X10 ¹
Bi-210		1.0	2.7X10 ¹	6.0X10 ⁻¹	1.6X10 ¹	4.6X10 ³	1.2X10 ⁵
Bi-210m (a)		6.0X10 ⁻¹	1.6X10 ¹	2.0X10 ⁻²	5.4X10 ⁻¹	2.1X10 ⁻⁵	5.7X10 ⁻⁴
Bi-212 (a)		7.0X10 ⁻¹	1.9X10 ¹	6.0X10 ⁻¹	1.6X10 ¹	5.4X10 ⁵	1.5X10 ⁷
Bk-247	Berkelium (97)	8.0	2.2X10 ²	8.0X10 ⁻⁴	2.2X10 ⁻²	3.8X10 ⁻²	1.0
Bk-249 (a)		4.0X10 ¹	1.1X10 ³	3.0X10 ⁻¹	8.1	6.1X10 ¹	1.6X10 ³
Br-76	Bromine (35)	4.0X10 ⁻¹	1.1X10 ¹	4.0X10 ⁻¹	1.1X10 ¹	9.4X10 ⁴	2.5X10 ⁶
Br-77		3.0	8.1X10 ¹	3.0	8.1X10 ¹	2.6X10 ⁴	7.1X10 ⁵
Br-82		4.0X10 ⁻¹	1.1X10 ¹	4.0X10 ⁻¹	1.1X10 ¹	4.0X10 ⁴	1.1X10 ⁶
C-11	Carbon (6)	1.0	2.7X10 ¹	6.0X10 ⁻¹	1.6X10 ¹	3.1X10 ⁷	8.4X10 ⁸
C-14		4.0X10 ¹	1.1X10 ³	3.0	8.1X10 ¹	1.6X10 ⁻¹	4.5
Ca-41	Calcium (20)	Unlimited	Unlimited	Unlimited	Unlimited	3.1X10 ⁻³	8.5X10 ⁻²
Ca-45		4.0X10 ¹	1.1X10 ³	1.0	2.7X10 ¹	6.6X10 ²	1.8X10 ⁴
Ca-47 (a)		3.0	8.1X10 ¹	3.0X10 ⁻¹	8.1	2.3X10 ⁴	6.1X10 ⁵
Cd-109	Cadmium (48)	3.0X10 ¹	8.1X10 ²	2.0	5.4X10 ¹	9.6X10 ¹	2.6X10 ³
Cd-113m		4.0X10 ¹	1.1X10 ³	5.0X10 ⁻¹	1.4X10 ¹	8.3	2.2X10 ²
Cd-115 (a)		3.0	8.1X10 ¹	4.0X10 ⁻¹	1.1X10 ¹	1.9X10 ⁴	5.1X10 ⁵
Cd-115m		5.0X10 ⁻¹	1.4X10 ¹	5.0X10 ⁻¹	1.4X10 ¹	9.4X10 ²	2.5X10 ⁴
Ce-139	Cerium (58)	7.0	1.9X10 ²	2.0	5.4X10 ¹	2.5X10 ²	6.8X10 ³
Ce-141		2.0X10 ¹	5.4X10 ²	6.0X10 ⁻¹	1.6X10 ¹	1.1X10 ³	2.8X10 ⁴
Ce-143		9.0X10 ⁻¹	2.4X10 ¹	6.0X10 ⁻¹	1.6X10 ¹	2.5X10 ⁴	6.6X10 ⁵
Ce-144 (a)		2.0X10 ⁻¹	5.4	2.0X10 ⁻¹	5.4	1.2X10 ²	3.2X10 ³
Cf-248	Californium (98)	4.0X10 ¹	1.1X10 ³	6.0X10 ⁻³	1.6X10 ⁻¹	5.8X10 ¹	1.6X10 ³
Cf-249		3.0	8.1X10 ¹	8.0X10 ⁻⁴	2.2X10 ⁻²	1.5X10 ⁻¹	4.1
Cf-250		2.0X10 ¹	5.4X10 ²	2.0X10 ⁻³	5.4X10 ⁻²	4.0	1.1X10 ²
Cf-251		7.0	1.9X10 ²	7.0X10 ⁻⁴	1.9X10 ⁻²	5.9X10 ⁻²	1.6
Cf-252 (h)		5.0X10 ⁻²	1.4	3.0X10 ⁻³	8.1X10 ⁻²	2.0X10 ¹	5.4X10 ²
Cf-253 (a)		4.0X10 ¹	1.1X10 ³	4.0X10 ⁻²	1.1	1.1X10 ³	2.9X10 ⁴
Cf-254		1.0X10 ⁻³	2.7X10 ⁻²	1.0X10 ⁻³	2.7X10 ⁻²	3.1X10 ²	8.5X10 ³
Cl-36	Chlorine (17)	1.0X10 ¹	2.7X10 ²	6.0X10 ⁻¹	1.6X10 ¹	1.2X10 ⁻³	3.3X10 ⁻²
Cl-38		2.0X10 ⁻¹	5.4	2.0X10 ⁻¹	5.4	4.9X10 ⁶	1.3X10 ⁸
Cm-240	Curium (96)	4.0X10 ¹	1.1X10 ³	2.0X10 ⁻²	5.4X10 ⁻¹	7.5X10 ²	2.0X10 ⁴
Cm-241		2.0	5.4X10 ¹	1.0	2.7X10 ¹	6.1X10 ²	1.7X10 ⁴
Cm-242		4.0X10 ¹	1.1X10 ³	1.0X10 ⁻²	2.7X10 ⁻¹	1.2X10 ²	3.3X10 ³
Cm-243		9.0	2.4X10 ²	1.0X10 ⁻³	2.7X10 ⁻²	1.9X10 ⁻³	5.2X10 ¹

Symbol of radionuclide	Element and atomic number	A1 (TBq)	A1 (Ci) ^b	A2 (TBq)	A2 (Ci) ^b	Specific activity	
						(TBq/g)	(Ci/g)
Cm-244		2.0X10 ¹	5.4X10 ²	2.0X10 ⁻³	5.4X10 ⁻²	3.0	8.1X10 ¹
Cm-245		9.0	2.4X10 ²	9.0X10 ⁻⁴	2.4X10 ⁻²	6.4X10 ⁻³	1.7X10 ⁻¹
Cm-246		9.0	2.4X10 ²	9.0X10 ⁻⁴	2.4X10 ⁻²	1.1X10 ⁻²	3.1X10 ⁻¹
Cm-247 (a)		3.0	8.1X10 ¹	1.0X10 ⁻³	2.7X10 ⁻²	3.4X10 ⁻⁶	9.3X10 ⁻⁵
Cm-248		2.0X10 ⁻²	5.4X10 ⁻¹	3.0X10 ⁻⁴	8.1X10 ⁻³	1.6X10 ⁻⁴	4.2X10 ⁻³
Co-55	Cobalt (27)	5.0X10 ⁻¹	1.4X10 ¹	5.0X10 ⁻¹	1.4X10 ¹	1.1X10 ⁵	3.1X10 ⁶
Co-56		3.0X10 ⁻¹	8.1	3.0X10 ⁻¹	8.1	1.1X10 ³	3.0X10 ⁴
Co-57		1.0X10 ¹	2.7X10 ²	1.0X10 ¹	2.7X10 ²	3.1X10 ²	8.4X10 ³
Co-58		1.0	2.7X10 ¹	1.0	2.7X10 ¹	1.2X10 ³	3.2X10 ⁴
Co-58m		4.0X10 ¹	1.1X10 ³	4.0X10 ¹	1.1X10 ³	2.2X10 ⁵	5.9X10 ⁶
Co-60		4.0X10 ⁻¹	1.1X10 ¹	4.0X10 ⁻¹	1.1X10 ¹	4.2X10 ¹	1.1X10 ³
Cr-51	Chromium (24)	3.0X10 ¹	8.1X10 ²	3.0X10 ¹	8.1X10 ²	3.4X10 ³	9.2X10 ⁴
Cs-129	Cesium (55)	4.0	1.1X10 ²	4.0	1.1X10 ²	2.8X10 ⁴	7.6X10 ⁵
Cs-131		3.0X10 ¹	8.1X10 ²	3.0X10 ¹	8.1X10 ²	3.8X10 ³	1.0X10 ⁵
Cs-132		1.0	2.7X10 ¹	1.0	2.7X10 ¹	5.7X10 ³	1.5X10 ⁵
Cs-134		7.0X10 ⁻¹	1.9X10 ¹	7.0X10 ⁻¹	1.9X10 ¹	4.8X10 ¹	1.3X10 ³
Cs-134m		4.0X10 ¹	1.1X10 ³	6.0X10 ⁻¹	1.6X10 ¹	3.0X10 ⁵	8.0X10 ⁶
Cs-135		4.0X10 ¹	1.1X10 ³	1.0	2.7X10 ¹	4.3X10 ⁻⁵	1.2X10 ⁻³
Cs-136		5.0X10 ⁻¹	1.4X10 ¹	5.0X10 ⁻¹	1.4X10 ¹	2.7X10 ³	7.3X10 ⁴
Cs-137 (a)		2.0	5.4X10 ¹	6.0X10 ⁻¹	1.6X10 ¹	3.2	8.7X10 ¹
Cu-64	Copper (29)	6.0	1.6X10 ²	1.0	2.7X10 ¹	1.4X10 ⁵	3.9X10 ⁶
Cu-67		1.0X10 ¹	2.7X10 ²	7.0X10 ⁻¹	1.9X10 ¹	2.8X10 ⁴	7.6X10 ⁵
Dy-159	Dysprosium (66)	2.0X10 ¹	5.4X10 ²	2.0X10 ¹	5.4X10 ²	2.1X10 ²	5.7X10 ³
Dy-165		9.0X10 ⁻¹	2.4X10 ¹	6.0X10 ⁻¹	1.6X10 ¹	3.0X10 ⁵	8.2X10 ⁶
Dy-166 (a)		9.0X10 ⁻¹	2.4X10 ¹	3.0X10 ⁻¹	8.1	8.6X10 ³	2.3X10 ⁵
Er-169	Erbium (68)	4.0X10 ¹	1.1X10 ³	1.0	2.7X10 ¹	3.1X10 ³	8.3X10 ⁴
Er-171		8.0X10 ⁻¹	2.2X10 ¹	5.0X10 ⁻¹	1.4X10 ¹	9.0X10 ⁴	2.4X10 ⁶
Eu-147	Europium (63)	2.0	5.4X10 ¹	2.0	5.4X10 ¹	1.4X10 ³	3.7X10 ⁴
Eu-148		5.0X10 ⁻¹	1.4X10 ¹	5.0X10 ⁻¹	1.4X10 ¹	6.0X10 ²	1.6X10 ⁴
Eu-149		2.0X10 ¹	5.4X10 ²	2.0X10 ¹	5.4X10 ²	3.5X10 ²	9.4X10 ³
Eu-150 (short lived)		2.0	5.4X10 ¹	7.0X10 ⁻¹	1.9X10 ¹	6.1X10 ⁴	1.6X10 ⁶
Eu-150 (long lived)		7.0X10 ⁻¹	1.9X10 ¹	7.0X10 ⁻¹	1.9X10 ¹	6.1X10 ⁴	1.6X10 ⁶
Eu-152		1.0	2.7X10 ¹	1.0	2.7X10 ¹	6.5	1.8X10 ²
Eu-152m		8.0X10 ⁻¹	2.2X10 ¹	8.0X10 ⁻¹	2.2X10 ¹	8.2X10 ⁴	2.2X10 ⁶
Eu-154		9.0X10 ⁻¹	2.4X10 ¹	6.0X10 ⁻¹	1.6X10 ¹	9.8	2.6X10 ²
Eu-155		2.0X10 ¹	5.4X10 ²	3.0	8.1X10 ¹	1.8X10 ¹	4.9X10 ²
Eu-156		7.0X10 ⁻¹	1.9X10 ¹	7.0X10 ⁻¹	1.9X10 ¹	2.0X10 ³	5.5X10 ⁴
F-18	Fluorine (9)	1.0	2.7X10 ¹	6.0X10 ⁻¹	1.6X10 ¹	3.5X10 ⁶	9.5X10 ⁷
Fe-52 (a)	Iron (26)	3.0X10 ⁻¹	8.1	3.0X10 ⁻¹	8.1	2.7X10 ⁵	7.3X10 ⁶
Fe-55		4.0X10 ¹	1.1X10 ³	4.0X10 ¹	1.1X10 ³	8.8X10 ¹	2.4X10 ³
Fe-59		9.0X10 ⁻¹	2.4X10 ¹	9.0X10 ⁻¹	2.4X10 ¹	1.8X10 ³	5.0X10 ⁴
Fe-60 (a)		4.0X10 ¹	1.1X10 ³	2.0X10 ⁻¹	5.4	7.4X10 ⁻⁴	2.0X10 ⁻²
Ga-67	Gallium (31)	7.0	1.9X10 ²	3.0	8.1X10 ¹	2.2X10 ⁴	6.0X10 ⁵
Ga-68		5.0X10 ⁻¹	1.4X10 ¹	5.0X10 ⁻¹	1.4X10 ¹	1.5X10 ⁶	4.1X10 ⁷
Ga-72		4.0X10 ⁻¹	1.1X10 ¹	4.0X10 ⁻¹	1.1X10 ¹	1.1X10 ⁵	3.1X10 ⁶
Gd-146 (a)	Gadolinium (64)	5.0X10 ⁻¹	1.4X10 ¹	5.0X10 ⁻¹	1.4X10 ¹	6.9X10 ²	1.9X10 ⁴
Gd-148		2.0X10 ¹	5.4X10 ²	2.0X10 ⁻³	5.4X10 ⁻²	1.2	3.2X10 ¹
Gd-153		1.0X10 ¹	2.7X10 ²	9.0	2.4X10 ²	1.3X10 ²	3.5X10 ³
Gd-159		3.0	8.1X10 ¹	6.0X10 ⁻¹	1.6X10 ¹	3.9X10 ⁴	1.1X10 ⁶
Ge-68 (a)	Germanium (32)	5.0X10 ⁻¹	1.4X10 ¹	5.0X10 ⁻¹	1.4X10 ¹	2.6X10 ²	7.1X10 ³
Ge-71		4.0X10 ¹	1.1X10 ³	4.0X10 ¹	1.1X10 ³	5.8X10 ³	1.6X10 ⁵

Symbol of radionuclide	Element and atomic number	A1 (TBq)	A1 (Ci) ^b	A2 (TBq)	A2 (Ci) ^b	Specific activity	
						(TBq/g)	(Ci/g)
Ge-77		3.0X10 ⁻¹	8.1	3.0X10 ⁻¹	8.1	1.3X10 ⁵	3.6X10 ⁶
Hf-172 (a)	Hafnium (72)	6.0X10 ⁻¹	1.6X10 ¹	6.0X10 ⁻¹	1.6X10 ¹	4.1X10 ¹	1.1X10 ³
Hf-175		3.0	8.1X10 ¹	3.0	8.1X10 ¹	3.9X10 ²	1.1X10 ⁴
Hf-181		2.0	5.4X10 ¹	5.0X10 ⁻¹	1.4X10 ¹	6.3X10 ²	1.7X10 ⁴
Hf-182		Unlimited	Unlimited	Unlimited	Unlimited	8.1X10 ⁻⁶	2.2X10 ⁻⁴
Hg-194 (a)	Mercury (80)	1.0	2.7X10 ¹	1.0	2.7X10 ¹	1.3X10 ⁻¹	3.5
Hg-195m (a)		3.0	8.1X10 ¹	7.0X10 ⁻¹	1.9X10 ¹	1.5X10 ⁴	4.0X10 ⁵
Hg-197		2.0X10 ¹	5.4X10 ²	1.0X10 ¹	2.7X10 ²	9.2X10 ³	2.5X10 ⁵
Hg-197m		1.0X10 ¹	2.7X10 ²	4.0X10 ⁻¹	1.1X10 ¹	2.5X10 ⁴	6.7X10 ⁵
Hg-203		5.0	1.4X10 ²	1.0	2.7X10 ¹	5.1X10 ²	1.4X10 ⁴
Ho-166	Holmium (67)	4.0X10 ⁻¹	1.1X10 ¹	4.0X10 ⁻¹	1.1X10 ¹	2.6X10 ⁴	7.0X10 ⁵
Ho-166m		6.0X10 ⁻¹	1.6X10 ¹	5.0X10 ⁻¹	1.4X10 ¹	6.6X10 ⁻²	1.8
I-123	Iodine (53)	6.0	1.6X10 ²	3.0	8.1X10 ¹	7.1X10 ⁴	1.9X10 ⁶
I-124		1.0	2.7X10 ¹	1.0	2.7X10 ¹	9.3X10 ³	2.5X10 ⁵
I-125		2.0X10 ¹	5.4X10 ²	3.0	8.1X10 ¹	6.4X10 ²	1.7X10 ⁴
I-126		2.0	5.4X10 ¹	1.0	2.7X10 ¹	2.9X10 ³	8.0X10 ⁴
I-129		Unlimited	Unlimited	Unlimited	Unlimited	6.5X10 ⁻⁶	1.8X10 ⁻⁴
I-131		3.0	8.1X10 ¹	7.0X10 ⁻¹	1.9X10 ¹	4.6X10 ³	1.2X10 ⁵
I-132		4.0X10 ⁻¹	1.1X10 ¹	4.0X10 ⁻¹	1.1X10 ¹	3.8X10 ⁵	1.0X10 ⁷
I-133		7.0X10 ⁻¹	1.9X10 ¹	6.0X10 ⁻¹	1.6X10 ¹	4.2X10 ⁴	1.1X10 ⁶
I-134		3.0X10 ⁻¹	8.1	3.0X10 ⁻¹	8.1	9.9X10 ⁵	2.7X10 ⁷
I-135 (a)		6.0X10 ⁻¹	1.6X10 ¹	6.0X10 ⁻¹	1.6X10 ¹	1.3X10 ⁵	3.5X10 ⁶
In-111	Indium (49)	3.0	8.1X10 ¹	3.0	8.1X10 ¹	1.5X10 ⁴	4.2X10 ⁵
In-113m		4.0	1.1X10 ²	2.0	5.4X10 ¹	6.2X10 ⁵	1.7X10 ⁷
In-114m (a)		1.0X10 ¹	2.7X10 ²	5.0X10 ⁻¹	1.4X10 ¹	8.6X10 ²	2.3X10 ⁴
In-115m		7.0	1.9X10 ²	1.0	2.7X10 ¹	2.2X10 ⁵	6.1X10 ⁶
Ir-189 (a)	Iridium (77)	1.0X10 ¹	2.7X10 ²	1.0X10 ¹	2.7X10 ²	1.9X10 ³	5.2X10 ⁴
Ir-190		7.0X10 ⁻¹	1.9X10 ¹	7.0X10 ⁻¹	1.9X10 ¹	2.3X10 ³	6.2X10 ⁴
Ir-192 (c)		1.0	2.7X10 ¹	6.0X10 ⁻¹	1.6X10 ¹	3.4X10 ²	9.2X10 ³
Ir-194		3.0X10 ⁻¹	8.1	3.0X10 ⁻¹	8.1	3.1X10 ⁴	8.4X10 ⁵
K-40	Potassium (19)	9.0X10 ⁻¹	2.4X10 ¹	9.0X10 ⁻¹	2.4X10 ¹	2.4X10 ⁻⁷	6.4X10 ⁻⁶
K-42		2.0X10 ⁻¹	5.4	2.0X10 ⁻¹	5.4	2.2X10 ⁵	6.0X10 ⁶
K-43		7.0X10 ⁻¹	1.9X10 ¹	6.0X10 ⁻¹	1.6X10 ¹	1.2X10 ⁵	3.3X10 ⁶
Kr-81	Krypton (36)	4.0X10 ¹	1.1X10 ³	4.0X10 ¹	1.1X10 ³	7.8X10 ⁻⁴	2.1X10 ⁻²
Kr-85		1.0X10 ¹	2.7X10 ²	1.0X10 ¹	2.7X10 ²	1.5X10 ¹	3.9X10 ²
Kr-85m		8.0	2.2X10 ²	3.0	8.1X10 ¹	3.0X10 ⁵	8.2X10 ⁶
Kr-87		2.0X10 ⁻¹	5.4	2.0X10 ⁻¹	5.4	1.0X10 ⁶	2.8X10 ⁷
La-137	Lanthanum (57)	3.0X10 ¹	8.1X10 ²	6.0	1.6X10 ²	1.6X10 ⁻³	4.4X10 ⁻²
La-140		4.0X10 ⁻¹	1.1X10 ¹	4.0X10 ⁻¹	1.1X10 ¹	2.1X10 ⁴	5.6X10 ⁵
Lu-172	Lutetium (71)	6.0X10 ⁻¹	1.6X10 ¹	6.0X10 ⁻¹	1.6X10 ¹	4.2X10 ³	1.1X10 ⁵
Lu-173		8.0	2.2X10 ²	8.0	2.2X10 ²	5.6X10 ¹	1.5X10 ³
Lu-174		9.0	2.4X10 ²	9.0	2.4X10 ²	2.3X10 ¹	6.2X10 ²
Lu-174m		2.0X10 ¹	5.4X10 ²	1.0X10 ¹	2.7X10 ²	2.0X10 ²	5.3X10 ³
Lu-177		3.0X10 ¹	8.1X10 ²	7.0X10 ⁻¹	1.9X10 ¹	4.1X10 ³	1.1X10 ⁵
Mg-28 (a)	Magnesium (12)	3.0X10 ⁻¹	8.1	3.0X10 ⁻¹	8.1	2.0X10 ⁵	5.4X10 ⁶
Mn-52	Manganese (25)	3.0X10 ⁻¹	8.1	3.0X10 ⁻¹	8.1	1.6X10 ⁴	4.4X10 ⁵
Mn-53		Unlimited	Unlimited	Unlimited	Unlimited	6.8X10 ⁻⁵	1.8X10 ⁻³
Mn-54		1.0	2.7X10 ¹	1.0	2.7X10 ¹	2.9X10 ²	7.7X10 ³
Mn-56		3.0X10 ⁻¹	8.1	3.0X10 ⁻¹	8.1	8.0X10 ⁵	2.2X10 ⁷
Mo-93	Molybdenum (42)	4.0X10 ¹	1.1X10 ³	2.0X10 ¹	5.4X10 ²	4.1X10 ⁻²	1.1
Mo-99 (a) (i)		1.0	2.7X10 ¹	6.0X10 ⁻¹	1.6X10 ¹	1.8X10 ⁴	4.8X10 ⁵
N-13	Nitrogen (7)	9.0X10 ⁻¹	2.4X10 ¹	6.0X10 ⁻¹	1.6X10 ¹	5.4X10 ⁷	1.5X10 ⁹

Symbol of radionuclide	Element and atomic number	A1 (TBq)	A1 (Ci) ^b	A2 (TBq)	A2 (Ci) ^b	Specific activity	
						(TBq/g)	(Ci/g)
Na-22	Sodium (11)	5.0X10 ⁻¹	1.4X10 ¹	5.0X10 ⁻¹	1.4X10 ¹	2.3X10 ²	6.3X10 ³
Na-24		2.0X10 ⁻¹	5.4	2.0X10 ⁻¹	5.4	3.2X10 ⁵	8.7X10 ⁶
Nb-93m	Niobium (41)	4.0X10 ¹	1.1X10 ³	3.0X10 ¹	8.1X10 ²	8.8	2.4X10 ²
Nb-94		7.0X10 ⁻¹	1.9X10 ¹	7.0X10 ⁻¹	1.9X10 ¹	6.9X10 ⁻³	1.9X10 ⁻¹
Nb-95		1.0	2.7X10 ¹	1.0	2.7X10 ¹	1.5X10 ³	3.9X10 ⁴
Nb-97		9.0X10 ⁻¹	2.4X10 ¹	6.0X10 ⁻¹	1.6X10 ¹	9.9X10 ⁵	2.7X10 ⁷
Nd-147	Neodymium (60)	6.0	1.6X10 ²	6.0X10 ⁻¹	1.6X10 ¹	3.0X10 ³	8.1X10 ⁴
Nd-149		6.0X10 ⁻¹	1.6X10 ¹	5.0X10 ⁻¹	1.4X10 ¹	4.5X10 ⁵	1.2X10 ⁷
Ni-59	Nickel (28)	Unlimited	Unlimited	Unlimited	Unlimited	3.0X10 ⁻³	8.0X10 ⁻²
Ni-63		4.0X10 ¹	1.1X10 ³	3.0X10 ¹	8.1X10 ²	2.1	5.7X10 ¹
Ni-65		4.0X10 ⁻¹	1.1X10 ¹	4.0X10 ⁻¹	1.1X10 ¹	7.1X10 ⁵	1.9X10 ⁷
Np-235	Neptunium (93)	4.0X10 ¹	1.1X10 ³	4.0X10 ¹	1.1X10 ³	5.2X10 ¹	1.4X10 ³
Np-236 (short-lived)		2.0X10 ¹	5.4X10 ²	2.0	5.4X10 ¹	4.7X10 ⁻⁴	1.3X10 ⁻²
Np-236 (long-lived)		9.0X10 ⁰	2.4X10 ²	2.0X10 ⁻²	5.4X10 ⁻¹	4.7X10 ⁻⁴	1.3X10 ⁻²
Np-237		2.0X10 ¹	5.4X10 ²	2.0X10 ⁻³	5.4X10 ⁻²	2.6X10 ⁻⁵	7.1X10 ⁻⁴
Np-239		7.0	1.9X10 ²	4.0X10 ⁻¹	1.1X10 ¹	8.6X10 ³	2.3X10 ⁵
Os-185	Osmium (76)	1.0	2.7X10 ¹	1.0	2.7X10 ¹	2.8X10 ²	7.5X10 ³
Os-191		1.0X10 ¹	2.7X10 ²	2.0	5.4X10 ¹	1.6X10 ³	4.4X10 ⁴
Os-191m		4.0X10 ¹	1.1X10 ³	3.0X10 ¹	8.1X10 ²	4.6X10 ⁴	1.3X10 ⁶
Os-193		2.0	5.4X10 ¹	6.0X10 ⁻¹	1.6X10 ¹	6.2X10 ⁴	5.3X10 ⁵
Os-194 (a)		3.0X10 ⁻¹	8.1	3.0X10 ⁻¹	8.1	1.1X10 ¹	3.1X10 ²
P-32	Phosphorus (15)	5.0X10 ⁻¹	1.4X10 ¹	5.0X10 ⁻¹	1.4X10 ¹	1.1X10 ⁴	2.9X10 ⁵
P-33		4.0X10 ¹	1.1X10 ³	1.0	2.7X10 ¹	5.8X10 ³	1.6X10 ⁵
Pa-230 (a)	Protactinium (91)	2.0	5.4X10 ¹	7.0X10 ⁻²	1.9	1.2X10 ³	3.3X10 ⁴
Pa-231		4.0	1.1X10 ²	4.0X10 ⁻⁴	1.1X10 ⁻²	1.7X10 ⁻³	4.7X10 ⁻²
Pa-233		5.0	1.4X10 ²	7.0X10 ⁻¹	1.9X10 ¹	7.7X10 ²	2.1X10 ⁴
Pb-201	Lead (82)	1.0	2.7X10 ¹	1.0	2.7X10 ¹	6.2X10 ⁴	1.7X10 ⁶
Pb-202		4.0X10 ¹	1.1X10 ³	2.0X10 ¹	5.4X10 ²	1.2X10 ⁻⁴	3.4X10 ⁻³
Pb-203		4.0	1.1X10 ²	3.0	8.1X10 ¹	1.1X10 ⁴	3.0X10 ⁵
Pb-205		Unlimited	Unlimited	Unlimited	Unlimited	4.5X10 ⁻⁶	1.2X10 ⁻⁴
Pb-210 (a)		1.0	2.7X10 ¹	5.0X10 ⁻²	1.4	2.8	7.6X10 ¹
Pb-212 (a)		7.0X10 ⁻¹	1.9X10 ¹	2.0X10 ⁻¹	5.4	5.1X10 ⁴	1.4X10 ⁶
Pd-103 (a)	Palladium (46)	4.0X10 ¹	1.1X10 ³	4.0X10 ¹	1.1X10 ³	2.8X10 ³	7.5X10 ⁴
Pd-107		Unlimited	Unlimited	Unlimited	Unlimited	1.9X10 ⁻⁵	5.1X10 ⁻⁴
Pd-109		2.0	5.4X10 ¹	5.0X10 ⁻¹	1.4X10 ¹	7.9X10 ⁴	2.1X10 ⁶
Pm-143	Promethium (61)	3.0	8.1X10 ¹	3.0	8.1X10 ¹	1.3X10 ²	3.4X10 ³
Pm-144		7.0X10 ⁻¹	1.9X10 ¹	7.0X10 ⁻¹	1.9X10 ¹	9.2X10 ¹	2.5X10 ³
Pm-145		3.0X10 ¹	8.1X10 ²	1.0X10 ¹	2.7X10 ²	5.2	1.4X10 ²
Pm-147		4.0X10 ¹	1.1X10 ³	2.0	5.4X10 ¹	3.4X10 ¹	9.3X10 ²
Pm-148m (a)		8.0X10 ⁻¹	2.2X10 ¹	7.0X10 ⁻¹	1.9X10 ¹	7.9X10 ²	2.1X10 ⁴
Pm-149		2.0	5.4X10 ¹	6.0X10 ⁻¹	1.6X10 ¹	1.5X10 ⁴	4.0X10 ⁵
Pm-151		2.0	5.4X10 ¹	6.0X10 ⁻¹	1.6X10 ¹	2.7X10 ⁴	7.3X10 ⁵
Po-210	Polonium (84)	4.0X10 ¹	1.1X10 ³	2.0X10 ⁻²	5.4X10 ⁻¹	1.7X10 ²	4.5X10 ³
Pr-142	Praseodymium (59)	4.0X10 ⁻¹	1.1X10 ¹	4.0X10 ⁻¹	1.1X10 ¹	4.3X10 ⁴	1.2X10 ⁶
Pr-143		3.0	8.1X10 ¹	6.0X10 ⁻¹	1.6X10 ¹	2.5X10 ³	6.7X10 ⁴
Pt-188 (a)	Platinum (78)	1.0	2.7X10 ¹	8.0X10 ⁻¹	2.2X10 ¹	2.5X10 ³	6.8X10 ⁴
Pt-191		4.0	1.1X10 ²	3.0	8.1X10 ¹	8.7X10 ³	2.4X10 ⁵
Pt-193		4.0X10 ¹	1.1X10 ³	4.0X10 ¹	1.1X10 ³	1.4	3.7X10 ¹
Pt-193m		4.0X10 ¹	1.1X10 ³	5.0X10 ⁻¹	1.4X10 ¹	5.8X10 ³	1.6X10 ⁵
Pt-195m		1.0X10 ¹	2.7X10 ²	5.0X10 ⁻¹	1.4X10 ¹	6.2X10 ³	1.7X10 ⁵
Pt-197		2.0X10 ¹	5.4X10 ²	6.0X10 ⁻¹	1.6X10 ¹	3.2X10 ⁴	8.7X10 ⁵

Symbol of radionuclide	Element and atomic number	A1 (TBq)	A1 (Ci) ^b	A2 (TBq)	A2 (Ci) ^b	Specific activity	
						(TBq/g)	(Ci/g)
Pt-197m		1.0X10 ¹	2.7X10 ²	6.0X10 ⁻¹	1.6X10 ¹	3.7X10 ⁵	1.0X10 ⁷
Pu-236	Plutonium (94)	3.0X10 ¹	8.1X10 ²	3.0X10 ⁻³	8.1X10 ⁻²	2.0X10 ¹	5.3X10 ²
Pu-237		2.0X10 ¹	5.4X10 ²	2.0X10 ⁻¹	5.4X10 ²	4.5X10 ²	1.2X10 ⁴
Pu-238		1.0X10 ¹	2.7X10 ²	1.0X10 ⁻³	2.7X10 ⁻²	6.3X10 ⁻¹	1.7X10 ¹
Pu-239		1.0X10 ¹	2.7X10 ²	1.0X10 ⁻³	2.7X10 ⁻²	2.3X10 ⁻³	6.2X10 ⁻²
Pu-240		1.0X10 ¹	2.7X10 ²	1.0X10 ⁻³	2.7X10 ⁻²	8.4X10 ⁻³	2.3X10 ⁻¹
Pu-241 (a)		4.0X10 ¹	1.1X10 ³	6.0X10 ⁻²	1.6	3.8	1.0X10 ²
Pu-242		1.0X10 ¹	2.7X10 ²	1.0X10 ⁻³	2.7X10 ⁻²	1.5X10 ⁻⁴	3.9X10 ⁻³
Pu-244 (a)		4.0X10 ⁻¹	1.1X10 ¹	1.0X10 ⁻³	2.7X10 ⁻²	6.7X10 ⁻⁷	1.8X10 ⁻⁵
Ra-223 (a)	Radium (88)	4.0X10 ⁻¹	1.1X10 ¹	7.0X10 ⁻³	1.9X10 ⁻¹	1.9X10 ³	5.1X10 ⁴
Ra-224 (a)		4.0X10 ⁻¹	1.1X10 ¹	2.0X10 ⁻²	5.4X10 ⁻¹	5.9X10 ³	1.6X10 ⁵
Ra-225 (a)		2.0X10 ⁻¹	5.4	4.0X10 ⁻³	1.1X10 ⁻¹	1.5X10 ³	3.9X10 ⁴
Ra-226 (a)		2.0X10 ⁻¹	5.4	3.0X10 ⁻³	8.1X10 ⁻²	3.7X10 ⁻²	1.0
Ra-228 (a)		6.0X10 ⁻¹	1.6X10 ¹	2.0X10 ⁻²	5.4X10 ⁻¹	1.0X10 ¹	2.7X10 ²
Rb-81	Rubidium (37)	2.0	5.4X10 ¹	8.0X10 ⁻¹	2.2X10 ¹	3.1X10 ⁵	8.4X10 ⁶
Rb-83 (a)		2.0	5.4X10 ¹	2.0	5.4X10 ¹	6.8X10 ²	1.8X10 ⁴
Rb-84		1.0	2.7X10 ¹	1.0	2.7X10 ¹	1.8X10 ³	4.7X10 ⁴
Rb-86		5.0X10 ⁻¹	1.4X10 ¹	5.0X10 ⁻¹	1.4X10 ¹	3.0X10 ³	8.1X10 ⁴
Rb-87		Unlimited	Unlimited	Unlimited	Unlimited	3.2X10 ⁻⁹	8.6X10 ⁻⁸
Rb (nat)		Unlimited	Unlimited	Unlimited	Unlimited	6.7X10 ⁶	1.8X10 ⁸
Re-184	Rhenium (75)	1.0	2.7X10 ¹	1.0	2.7X10 ¹	6.9X10 ²	1.9X10 ⁴
Re-184m		3.0	8.1X10 ¹	1.0	2.7X10 ¹	1.6X10 ²	4.3X10 ³
Re-186		2.0	5.4X10 ¹	6.0X10 ⁻¹	1.6X10 ¹	6.9X10 ³	1.9X10 ⁵
Re-187		Unlimited	Unlimited	Unlimited	Unlimited	1.4X10 ⁻⁹	3.8X10 ⁻⁸
Re-188		4.0X10 ⁻¹	1.1X10 ¹	4.0X10 ⁻¹	1.1X10 ¹	3.6X10 ⁴	9.8X10 ⁵
Re-189 (a)		3.0	8.1X10 ¹	6.0X10 ⁻¹	1.6X10 ¹	2.5X10 ⁴	6.8X10 ⁵
Re (nat)		Unlimited	Unlimited	Unlimited	Unlimited	0.0	2.4X10 ⁻⁸
Rh-99	Rhodium (45)	2.0	5.4X10 ¹	2.0	5.4X10 ¹	3.0X10 ³	8.2X10 ⁴
Rh-101		4.0	1.1X10 ²	3.0	8.1X10 ¹	4.1X10 ¹	1.1X10 ³
Rh-102		5.0X10 ⁻¹	1.4X10 ¹	5.0X10 ⁻¹	1.4X10 ¹	4.5X10 ¹	1.2X10 ³
Rh-102m		2.0	5.4X10 ¹	2.0	5.4X10 ¹	2.3X10 ²	6.2X10 ³
Rh-103m		4.0X10 ¹	1.1X10 ³	4.0X10 ¹	1.1X10 ³	1.2X10 ⁶	3.3X10 ⁷
Rh-105		1.0X10 ¹	2.7X10 ²	8.0X10 ⁻¹	2.2X10 ¹	3.1X10 ⁴	8.4X10 ⁵
Rn-222 (a)	Radon (86)	3.0X10 ⁻¹	8.1	4.0X10 ⁻³	1.1X10 ⁻¹	5.7X10 ³	1.5X10 ⁵
Ru-97	Ruthenium (44)	5.0	1.4X10 ²	5.0	1.4X10 ²	1.7X10 ⁴	4.6X10 ⁵
Ru-103 (a)		2.0	5.4X10 ¹	2.0	5.4X10 ¹	1.2X10 ³	3.2X10 ⁴
Ru-105		1.0	2.7X10 ¹	6.0X10 ⁻¹	1.6X10 ¹	2.5X10 ⁵	6.7X10 ⁶
Ru-106 (a)		2.0X10 ⁻¹	5.4	2.0X10 ⁻¹	5.4	1.2X10 ²	3.3X10 ³
S-35	Sulphur (16)	4.0X10 ¹	1.1X10 ³	3.0	8.1X10 ¹	1.6X10 ³	4.3X10 ⁴
Sb-122	Antimony (51)	4.0X10 ⁻¹	1.1X10 ¹	4.0X10 ⁻¹	1.1X10 ¹	1.5X10 ⁴	4.0X10 ⁵
Sb-124		6.0X10 ⁻¹	1.6X10 ¹	6.0X10 ⁻¹	1.6X10 ¹	6.5X10 ²	1.7X10 ⁴
Sb-125		2.0	5.4X10 ¹	1.0	2.7X10 ¹	3.9X10 ¹	1.0X10 ³
Sb-126		4.0X10 ⁻¹	1.1X10 ¹	4.0X10 ⁻¹	1.1X10 ¹	3.1X10 ³	8.4X10 ⁴
Sc-44	Scandium (21)	5.0X10 ⁻¹	1.4X10 ¹	5.0X10 ⁻¹	1.4X10 ¹	6.7X10 ⁵	1.8X10 ⁷
Sc-46		5.0X10 ⁻¹	1.4X10 ¹	5.0X10 ⁻¹	1.4X10 ¹	1.3X10 ³	3.4X10 ⁴
Sc-47		1.0X10 ¹	2.7X10 ²	7.0X10 ⁻¹	1.9X10 ¹	3.1X10 ⁴	8.3X10 ⁵
Sc-48		3.0X10 ⁻¹	8.1	3.0X10 ⁻¹	8.1	5.5X10 ⁴	1.5X10 ⁶
Se-75	Selenium (34)	3.0	8.1X10 ¹	3.0	8.1X10 ¹	5.4X10 ²	1.5X10 ⁴
Se-79		4.0X10 ¹	1.1X10 ³	2.0	5.4X10 ¹	2.6X10 ⁻³	7.0X10 ⁻²
Si-31	Silicon (14)	6.0X10 ⁻¹	1.6X10 ¹	6.0X10 ⁻¹	1.6X10 ¹	1.4X10 ⁶	3.9X10 ⁷
Si-32		4.0X10 ¹	1.1X10 ³	5.0X10 ⁻¹	1.4X10 ¹	3.9	1.1X10 ²
Sm-145	Samarium (62)	1.0X10 ¹	2.7X10 ²	1.0X10 ¹	2.7X10 ²	9.8X10 ¹	2.6X10 ³

Symbol of radionuclide	Element and atomic number	A1 (TBq)	A1 (Ci) ^b	A2 (TBq)	A2 (Ci) ^b	Specific activity	
						(TBq/g)	(Ci/g)
Sm-147		Unlimited	Unlimited	Unlimited	Unlimited	8.5X10 ⁻¹	2.3X10 ⁻⁸
Sm-151		4.0X10 ¹	1.1X10 ³	1.0X10 ¹	2.7X10 ²	9.7X10 ⁻¹	2.6X10 ¹
Sm-153		9.0	2.4X10 ²	6.0X10 ⁻¹	1.6X10 ¹	1.6X10 ⁴	4.4X10 ⁵
Sn-113 (a)	Tin (50)	4.0	1.1X10 ²	2.0	5.4X10 ¹	3.7X10 ²	1.0X10 ⁴
Sn-117m		7.0	1.9X10 ²	4.0X10 ⁻¹	1.1X10 ¹	3.0X10 ³	8.2X10 ⁴
Sn-119m		4.0X10 ¹	1.1X10 ³	3.0X10 ¹	8.1X10 ²	1.4X10 ²	3.7X10 ³
Sn-121m (a)		4.0X10 ¹	1.1X10 ³	9.0X10 ⁻¹	2.4X10 ¹	2.0	5.4X10 ¹
Sn-123		8.0X10 ⁻¹	2.2X10 ¹	6.0X10 ⁻¹	1.6X10 ¹	3.0X10 ²	8.2X10 ³
Sn-125		4.0X10 ⁻¹	1.1X10 ¹	4.0X10 ⁻¹	1.1X10 ¹	4.0X10 ³	1.1X10 ⁵
Sn-126 (a)		6.0X10 ⁻¹	1.6X10 ¹	4.0X10 ⁻¹	1.1X10 ¹	1.0X10 ⁻³	2.8X10 ⁻²
Sr-82 (a)	Strontium (38)	2.0X10 ⁻¹	5.4	2.0X10 ⁻¹	5.4	2.3X10 ³	6.2X10 ⁴
Sr-85		2.0	5.4X10 ¹	2.0	5.4X10 ¹	8.8X10 ²	2.4X10 ⁴
Sr-85m		5.0	1.4X10 ²	5.0	1.4X10 ²	1.2X10 ⁶	3.3X10 ⁷
Sr-87m		3.0	8.1X10 ¹	3.0	8.1X10 ¹	4.8X10 ⁵	1.3X10 ⁷
Sr-89		6.0X10 ⁻¹	1.6X10 ¹	6.0X10 ⁻¹	1.6X10 ¹	1.1X10 ³	2.9X10 ⁴
Sr-90 (a)		3.0X10 ⁻¹	8.1	3.0X10 ⁻¹	8.1	5.1	1.4X10 ²
Sr-91 (a)		3.0X10 ⁻¹	8.1	3.0X10 ⁻¹	8.1	1.3X10 ⁵	3.6X10 ⁶
Sr-92 (a)		1.0	2.7X10 ¹	3.0X10 ⁻¹	8.1	4.7X10 ⁵	1.3X10 ⁷
T(H-3)	Tritium (1)	4.0X10 ¹	1.1X10 ³	4.0X10 ¹	1.1X10 ³	3.6X10 ²	9.7X10 ³
Ta-178 (long-lived)	Tantalum (73)	1.0	2.7X10 ¹	8.0X10 ⁻¹	2.2X10 ¹	4.2X10 ⁶	1.1X10 ⁸
Ta-179		3.0X10 ¹	8.1X10 ²	3.0X10 ¹	8.1X10 ²	4.1X10 ¹	1.1X10 ³
Ta-182		9.0X10 ⁻¹	2.4X10 ¹	5.0X10 ⁻¹	1.4X10 ¹	2.3X10 ²	6.2X10 ³
Tb-157	Terbium (65)	4.0X10 ¹	1.1X10 ³	4.0X10 ¹	1.1X10 ³	5.6X10 ⁻¹	1.5X10 ¹
Tb-158		1.0	2.7X10 ¹	1.0	2.7X10 ¹	5.6X10 ⁻¹	1.5X10 ¹
Tb-160		1.0	2.7X10 ¹	6.0X10 ⁻¹	1.6X10 ¹	4.2X10 ²	1.1X10 ⁴
Tc-95m (a)	Technetium (43)	2.0	5.4X10 ¹	2.0	5.4X10 ¹	8.3X10 ²	2.2X10 ⁴
Tc-96		4.0X10 ⁻¹	1.1X10 ¹	4.0X10 ⁻¹	1.1X10 ¹	1.2X10 ⁴	3.2X10 ⁵
Tc-96m (a)		4.0X10 ⁻¹	1.1X10 ¹	4.0X10 ⁻¹	1.1X10 ¹	1.4X10 ⁶	3.8X10 ⁷
Tc-97		Unlimited	Unlimited	Unlimited	Unlimited	5.2X10 ⁻⁵	1.4X10 ⁻³
Tc-97m		4.0X10 ¹	1.1X10 ³	1.0	2.7X10 ¹	5.6X10 ²	1.5X10 ⁴
Tc-98		8.0X10 ⁻¹	2.2X10 ¹	7.0X10 ⁻¹	1.9X10 ¹	3.2X10 ⁻³	8.7X10 ⁻⁴
Tc-99		4.0X10 ¹	1.1X10 ³	9.0X10 ⁻¹	2.4X10 ¹	6.3X10 ⁻⁴	1.7X10 ⁻²
Tc-99m		1.0X10 ¹	2.7X10 ²	4.0	1.1X10 ²	1.9X10 ⁵	5.3X10 ⁶
Te-121	Tellurium (52)	2.0	5.4X10 ¹	2.0	5.4X10 ¹	2.4X10 ³	6.4X10 ⁴
Te-121m		5.0	1.4X10 ²	3.0	8.1X10 ¹	2.6X10 ²	7.0X10 ³
Te-123m		8.0	2.2X10 ²	1.0	2.7X10 ¹	3.3X10 ²	8.9X10 ³
Te-125m		2.0X10 ¹	5.4X10 ²	9.0X10 ⁻¹	2.4X10 ¹	6.7X10 ²	1.8X10 ⁴
Te-127		2.0X10 ¹	5.4X10 ²	7.0X10 ⁻¹	1.9X10 ¹	9.8X10 ⁴	2.6X10 ⁶
Te-127m (a)		2.0X10 ¹	5.4X10 ²	5.0X10 ⁻¹	1.4X10 ¹	3.5X10 ²	9.4X10 ³
Te-129		7.0X10 ⁻¹	1.9X10 ¹	6.0X10 ⁻¹	1.6X10 ¹	7.7X10 ⁵	2.1X10 ⁷
Te-129m (a)		8.0X10 ⁻¹	2.2X10 ¹	4.0X10 ⁻¹	1.1X10 ¹	1.1X10 ³	3.0X10 ⁴
Te-131m (a)		7.0X10 ⁻¹	1.9X10 ¹	5.0X10 ⁻¹	1.4X10 ¹	3.0X10 ⁴	8.0X10 ⁵
Te-132 (a)		5.0X10 ⁻¹	1.4X10 ¹	4.0X10 ⁻¹	1.1X10 ¹	3.1X10 ⁴	3.0X10 ⁵
Th-227	Thorium (90)	1.0X10 ¹	2.7X10 ²	5.0X10 ⁻³	1.4X10 ⁻¹	1.1X10 ³	3.1X10 ⁴
Th-228 (a)		5.0X10 ⁻¹	1.4X10 ¹	1.0X10 ⁻³	2.7X10 ⁻²	3.0X10 ¹	8.2X10 ²
Th-229		5.0	1.4X10 ²	5.0X10 ⁻⁴	1.4X10 ⁻²	7.9X10 ⁻³	2.1X10 ⁻¹
Th-230		1.0X10 ¹	2.7X10 ²	1.0X10 ⁻³	2.7X10 ⁻²	7.6X10 ⁻⁴	2.1X10 ⁻²
Th-231		4.0X10 ¹	1.1X10 ³	2.0X10 ⁻²	5.4X10 ⁻¹	2.0X10 ⁴	5.3X10 ⁵
Th-232		Unlimited	Unlimited	Unlimited	Unlimited	4.0X10 ⁻⁹	1.1X10 ⁻⁷
Th-234 (a)		3.0X10 ⁻¹	8.1	3.0X10 ⁻¹	8.1	8.6X10 ²	2.3X10 ⁴
Th(nat)		Unlimited	Unlimited	Unlimited	Unlimited	8.1X10 ⁻⁹	2.2X10 ⁻⁷

Symbol of radionuclide	Element and atomic number	A1 (TBq)	A1 (Ci) ^b	A2 (TBq)	A2 (Ci) ^b	Specific activity	
						(TBq/g)	(Ci/g)
Ti-44 (a)	Titanium (22)	5.0X10 ⁻¹	1.4X10 ¹	4.0X10 ⁻¹	1.1X10 ¹	6.4	1.7X10 ²
Tl-200	Thallium (81)	9.0X10 ⁻¹	2.4X10 ¹	9.0X10 ⁻¹	2.4X10 ¹	2.2X10 ⁴	6.0X10 ⁵
Tl-201	_____	1.0X10 ¹	2.7X10 ²	4.0	1.1X10 ²	7.9X10 ³	2.1X10 ⁵
Tl-202	_____	2.0	5.4X10 ¹	2.0	5.4X10 ¹	2.0X10 ³	5.3X10 ⁴
Tl-204	_____	1.0X10 ¹	2.7X10 ²	7.0X10 ⁻¹	1.9X10 ¹	1.7X10 ¹	4.6X10 ²
Tm-167	Thulium (69)	7.0	1.9X10 ²	8.0X10 ⁻¹	2.2X10 ¹	3.1X10 ³	8.5X10 ⁴
Tm-170	_____	3.0	8.1X10 ¹	6.0X10 ⁻¹	1.6X10 ¹	2.2X10 ²	6.0X10 ³
Tm-171	_____	4.0X10 ¹	1.1X10 ³	4.0X10 ¹	1.1X10 ³	4.0X10 ¹	1.1X10 ³
U-230 (fast lung absorption) (a)(d)	Uranium (92)	4.0X10 ¹	1.1X10 ³	1.0X10 ⁻¹	2.7	1.0X10 ³	2.7X10 ⁴
U-230 (medium lung absorption) (a)(e)	_____	4.0X10 ¹	1.1X10 ³	4.0X10 ⁻³	1.1X10 ⁻¹	1.0X10 ³	2.7X10 ⁴
U-230 (slow lung absorption) (a)(f)	_____	3.0X10 ¹	8.1X10 ²	3.0X10 ⁻³	8.1X10 ⁻²	1.0X10 ³	2.7X10 ⁴
U-232 (fast lung absorption) (d)	_____	4.0X10 ¹	1.1X10 ³	1.0X10 ⁻²	2.7X10 ⁻¹	8.3X10 ⁻¹	2.2X10 ¹
U-232 (medium lung absorption) (e)	_____	4.0X10 ¹	1.1X10 ³	7.0X10 ⁻³	1.9X10 ⁻¹	8.3X10 ⁻¹	2.2X10 ¹
U-232 (slow lung absorption) (f)	_____	1.0X10 ¹	2.7X10 ²	1.0X10 ⁻³	2.7X10 ⁻²	8.3X10 ⁻¹	2.2X10 ¹
U-233 (fast lung absorption) (d)	_____	4.0X10 ¹	1.1X10 ³	9.0X10 ⁻²	2.4	3.6X10 ⁻⁴	9.7X10 ⁻³
U-233 (medium lung absorption) (e)	_____	4.0X10 ¹	1.1X10 ³	2.0X10 ⁻²	5.4X10 ⁻¹	3.6X10 ⁻⁴	9.7X10 ⁻³
U-233 (slow lung absorption) (f)	_____	4.0X10 ¹	1.1X10 ³	6.0X10 ⁻³	1.6X10 ⁻¹	3.6X10 ⁻⁴	9.7X10 ⁻³
U-234 (fast lung absorption) (d)	_____	4.0X10 ¹	1.1X10 ³	9.0X10 ⁻²	2.4	2.3X10 ⁻⁴	6.2X10 ⁻³
U-234 (medium lung absorption) (e)	_____	4.0X10 ¹	1.1X10 ³	2.0X10 ⁻²	5.4X10 ⁻¹	2.3X10 ⁻⁴	6.2X10 ⁻³
U-234 (slow lung absorption) (f)	_____	4.0X10 ¹	1.1X10 ³	6.0X10 ⁻³	1.6X10 ⁻¹	2.3X10 ⁻⁴	6.2X10 ⁻³
U-235 (all lung absorption types) (a), (d), (e), (f)	_____	Unlimited	Unlimited	Unlimited	Unlimited	8.0X10 ⁻⁸	2.2X10 ⁻⁶
U-236 (fast lung absorption) (d)	_____	Unlimited	Unlimited	Unlimited	Unlimited	2.4X10 ⁻⁶	6.5X10 ⁻⁵
U-236 (medium lung absorption) (e)	_____	4.0X10 ¹	1.1X10 ³	2.0X10 ⁻²	5.4X10 ⁻¹	2.4X10 ⁻⁶	6.5X10 ⁻⁵
U-236 (slow lung absorption) (f)	_____	4.0X10 ¹	1.1X10 ³	6.0X10 ⁻³	1.6X10 ⁻¹	2.4X10 ⁻⁶	6.5X10 ⁻⁵
U-238 (all lung absorption types) (d), (e), (f)	_____	Unlimited	Unlimited	Unlimited	Unlimited	1.2X10 ⁻⁸	3.4X10 ⁻⁷
U (nat)	_____	Unlimited	Unlimited	Unlimited	Unlimited	2.6X10 ⁻⁸	7.1X10 ⁻⁷
U (enriched to 20% or less) (g)	_____	Unlimited	Unlimited	Unlimited	Unlimited	See Table A-4	See Table A-4
U (dep)	_____	Unlimited	Unlimited	Unlimited	Unlimited	See Table A-4	See Table A-3
V-48	Vanadium (23)	4.0X10 ⁻¹	1.1X10 ¹	4.0X10 ⁻¹	1.1X10 ¹	6.3X10 ³	1.7X10 ⁵
V-49	_____	4.0X10 ¹	1.1X10 ³	4.0X10 ¹	1.1X10 ³	3.0X10 ²	8.1X10 ³
W-178 (a)	Tungsten (74)	9.0	2.4X10 ²	5.0	1.4X10 ²	1.3X10 ³	3.4X10 ⁴
W-181	_____	3.0X10 ¹	8.1X10 ²	3.0X10 ¹	8.1X10 ²	2.2X10 ²	6.0X10 ³
W-185	_____	4.0X10 ¹	1.1X10 ³	8.0X10 ⁻¹	2.2X10 ¹	3.5X10 ²	9.4X10 ³

Symbol of radionuclide	Element and atomic number	A1 (TBq)	A1 (Ci) ^b	A2 (TBq)	A2 (Ci) ^b	Specific activity	
						(TBq/g)	(Ci/g)
W-187		2.0	5.4X10 ¹	6.0X10 ⁻¹	1.6X10 ¹	2.6X10 ⁴	7.0X10 ⁵
W-188 (a)		4.0X10 ⁻¹	1.1X10 ¹	3.0X10 ⁻¹	8.1	3.7X10 ²	1.0X10 ⁴
Xe-122 (a)	Xenon (54)	4.0X10 ⁻¹	1.1X10 ¹	4.0X10 ⁻¹	1.1X10 ¹	4.8X10 ⁴	1.3X10 ⁶
Xe-123		2.0	5.4X10 ¹	7.0X10 ⁻¹	1.9X10 ¹	4.4X10 ⁵	1.2X10 ⁷
Xe-127		4.0	1.1X10 ²	2.0	5.4X10 ¹	1.0X10 ³	2.8X10 ⁴
Xe-131m		4.0X10 ¹	1.1X10 ³	4.0X10 ¹	1.1X10 ³	3.1X10 ³	8.4X10 ⁴
Xe-133		2.0X10 ¹	5.4X10 ²	1.0X10 ¹	2.7X10 ²	6.9X10 ³	1.9X10 ⁵
Xe-135		3.0	8.1X10 ¹	2.0	5.4X10 ¹	9.5X10 ⁴	2.6X10 ⁶
Y-87 (a)	Yttrium (39)	1.0	2.7X10 ¹	1.0	2.7X10 ¹	1.7X10 ⁴	4.5X10 ⁵
Y-88		4.0X10 ⁻¹	1.1X10 ¹	4.0X10 ⁻¹	1.1X10 ¹	5.2X10 ²	1.4X10 ⁴
Y-90		3.0X10 ⁻¹	8.1	3.0X10 ⁻¹	8.1	2.0X10 ⁴	5.4X10 ⁵
Y-91		6.0X10 ⁻¹	1.6X10 ¹	6.0X10 ⁻¹	1.6X10 ¹	9.1X10 ²	2.5X10 ⁴
Y-91m		2.0	5.4X10 ¹	2.0	5.4X10 ¹	1.5X10 ⁶	4.2X10 ⁷
Y-92		2.0X10 ⁻¹	5.4	2.0X10 ⁻¹	5.4	3.6X10 ⁵	9.6X10 ⁶
Y-93		3.0X10 ⁻¹	8.1	3.0X10 ⁻¹	8.1	1.2X10 ⁵	3.3X10 ⁶
Yb-169	Ytterbium (70)	4.0	1.1X10 ²	1.0	2.7X10 ¹	8.9X10 ²	2.4X10 ⁴
Yb-175		3.0X10 ¹	8.1X10 ²	9.0X10 ⁻¹	2.4X10 ¹	6.6X10 ³	1.8X10 ⁵
Zn-65	Zinc (30)	2.0	5.4X10 ¹	2.0	5.4X10 ¹	3.0X10 ²	8.2X10 ³
Zn-69		3.0	8.1X10 ¹	6.0X10 ⁻¹	1.6X10 ¹	1.8X10 ⁶	4.9X10 ⁷
Zn-69m (a)		3.0	8.1X10 ¹	6.0X10 ⁻¹	1.6X10 ¹	1.2X10 ⁵	3.3X10 ⁶
Zr-88	Zirconium (40)	3.0	8.1X10 ¹	3.0	8.1X10 ¹	6.6X10 ²	1.8X10 ⁴
Zr-93		Unlimited	Unlimited	Unlimited	Unlimited	9.3X10 ⁻⁵	2.5X10 ⁻³
Zr-95 (a)		2.0	5.4X10 ¹	8.0X10 ⁻¹	2.2X10 ¹	7.9X10 ²	2.1X10 ⁴
Zr-97 (a)		4.0X10 ⁻¹	1.1X10 ¹	4.0X10 ⁻¹	1.1X10 ¹	7.1X10 ⁴	1.9X10 ⁶

((Table A-2.—General Values for A1 and A2

Contents	A1		A2	
	(TBq)	(Ci)	(TBq)	(Ci)
Only beta- or gamma-emitting nuclides are known to be present ...	0.2	5	0.02	0.5
Alpha-emitting nuclides are known to be present, or no relevant data are available	0.10	2.70	2E-5	5.4E-4))

Table A-2.—Exempt Material Activity Concentrations and Exempt Consignment Activity Limits for Radionuclides

Symbol of radionuclide	Element and atomic number	Activity concentration for exempt material (Bq/g)	Activity concentration for exempt material (Ci/g)	Activity limit for exempt consignment (Bq)	Activity limit for exempt consignment (Ci)
Ac-225	Actinium (89)	1.0X10 ⁻¹	2.7X10 ⁻¹⁰	1.0X10 ⁴	2.7X10 ⁻⁷
Ac-227	-	1.0X10 ⁻¹	2.7X10 ⁻¹²	1.0X10 ³	2.7X10 ⁻⁸
Ac-228	-	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁶	2.7X10 ⁻⁵
Ag-105	Silver (47)	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁶	2.7X10 ⁻⁵
Ag-108m (b)	-	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁶	2.7X10 ⁻⁵
Ag-110m	-	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁶	2.7X10 ⁻⁵
Ag-111	-	1.0X10 ³	2.7X10 ⁻⁸	1.0X10 ⁶	2.7X10 ⁻⁵
Al-26	Aluminum (13)	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁵	2.7X10 ⁻⁶
Am-241	Americium (95)	1.0	2.7X10 ⁻¹¹	1.0X10 ⁴	2.7X10 ⁻⁷
Am-242m (b)	-	1.0	2.7X10 ⁻¹¹	1.0X10 ⁴	2.7X10 ⁻⁷
Am-243 (b)	-	1.0	2.7X10 ⁻¹¹	1.0X10 ³	2.7X10 ⁻⁸
Ar-37	Argon (18)	1.0X10 ⁶	2.7X10 ⁻⁵	1.0X10 ⁸	2.7X10 ⁻³
Ar-39	-	1.0X10 ⁷	2.7X10 ⁻⁴	1.0X10 ⁴	2.7X10 ⁻⁷
Ar-41	-	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁹	2.7X10 ⁻²

Symbol of radionuclide	Element and atomic number	Activity concentration for exempt material (Bq/g)	Activity concentration for exempt material (Ci/g)	Activity limit for exempt consignment (Bq)	Activity limit for exempt consignment (Ci)
As-72	Arsenic (33)	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁵	2.7X10 ⁻⁶
As-73	=	1.0X10 ³	2.7X10 ⁻⁸	1.0X10 ⁷	2.7X10 ⁻⁴
As-74	=	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁶	2.7X10 ⁻⁵
As-76	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁵	2.7X10 ⁻⁶
As-77	=	1.0X10 ³	2.7X10 ⁻⁸	1.0X10 ⁶	2.7X10 ⁻⁵
At-211	Astatine (85)	1.0X10 ³	2.7X10 ⁻⁸	1.0X10 ⁷	2.7X10 ⁻⁴
Au-193	Gold (79)	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁷	2.7X10 ⁻⁴
Au-194	=	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁶	2.7X10 ⁻⁵
Au-195	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁷	2.7X10 ⁻⁴
Au-198	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁶	2.7X10 ⁻⁵
Au-199	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁶	2.7X10 ⁻⁵
Ba-131	Barium (56)	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁶	2.7X10 ⁻⁵
Ba-133	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁶	2.7X10 ⁻⁵
Ba-133m	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁶	2.7X10 ⁻⁵
Ba-140 (b)	=	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁵	2.7X10 ⁻⁶
Be-7	Beryllium (4)	1.0X10 ³	2.7X10 ⁻⁸	1.0X10 ⁷	2.7X10 ⁻⁴
Be-10	=	1.0X10 ⁴	2.7X10 ⁻⁷	1.0X10 ⁶	2.7X10 ⁻⁵
Bi-205	Bismuth (83)	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁶	2.7X10 ⁻⁵
Bi-206	=	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁵	2.7X10 ⁻⁶
Bi-207	=	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁶	2.7X10 ⁻⁵
Bi-210	=	1.0X10 ³	2.7X10 ⁻⁸	1.0X10 ⁶	2.7X10 ⁻⁵
Bi-210m	=	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁵	2.7X10 ⁻⁶
Bi-212 (b)	=	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁵	2.7X10 ⁻⁶
Bk-247	Berkelium (97)	1.0	2.7X10 ⁻¹¹	1.0X10 ⁴	2.7X10 ⁻⁷
Bk-249	=	1.0X10 ³	2.7X10 ⁻⁸	1.0X10 ⁶	2.7X10 ⁻⁵
Br-76	Bromine (35)	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁵	2.7X10 ⁻⁶
Br-77	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁶	2.7X10 ⁻⁵
Br-82	=	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁶	2.7X10 ⁻⁵
C-11	Carbon (6)	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁶	2.7X10 ⁻⁵
C-14	=	1.0X10 ⁴	2.7X10 ⁻⁷	1.0X10 ⁷	2.7X10 ⁻⁴
Ca-41	Calcium (20)	1.0X10 ⁵	2.7X10 ⁻⁶	1.0X10 ⁷	2.7X10 ⁻⁴
Ca-45	=	1.0X10 ⁴	2.7X10 ⁻⁷	1.0X10 ⁷	2.7X10 ⁻⁴
Ca-47	=	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁶	2.7X10 ⁻⁵
Cd-109	Cadmium (48)	1.0X10 ⁴	2.7X10 ⁻⁷	1.0X10 ⁶	2.7X10 ⁻⁵
Cd-113m	=	1.0X10 ³	2.7X10 ⁻⁸	1.0X10 ⁶	2.7X10 ⁻⁵
Cd-115	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁶	2.7X10 ⁻⁵
Cd-115m	=	1.0X10 ³	2.7X10 ⁻⁸	1.0X10 ⁶	2.7X10 ⁻⁵
Ce-139	Cerium (58)	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁶	2.7X10 ⁻⁵
Ce-141	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁷	2.7X10 ⁻⁴
Ce-143	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁶	2.7X10 ⁻⁵
Ce-144 (b)	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁵	2.7X10 ⁻⁶
Cf-248	Californium (98)	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁴	2.7X10 ⁻⁷
Cf-249	=	1.0	2.7X10 ⁻¹¹	1.0X10 ³	2.7X10 ⁻⁸
Cf-250	=	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁴	2.7X10 ⁻⁷
Cf-251	=	1.0	2.7X10 ⁻¹¹	1.0X10 ³	2.7X10 ⁻⁸
Cf-252	=	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁴	2.7X10 ⁻⁷
Cf-253	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁵	2.7X10 ⁻⁶
Cf-254	=	1.0	2.7X10 ⁻¹¹	1.0X10 ³	2.7X10 ⁻⁸
Cl-36	Chlorine (17)	1.0X10 ⁴	2.7X10 ⁻⁷	1.0X10 ⁶	2.7X10 ⁻⁵
Cl-38	=	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁵	2.7X10 ⁻⁶
Cm-240	Curium (96)	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁵	2.7X10 ⁻⁶

Symbol of radionuclide	Element and atomic number	Activity concentration for exempt material (Bq/g)	Activity concentration for exempt material (Ci/g)	Activity limit for exempt consignment (Bq)	Activity limit for exempt consignment (Ci)
Cm-241	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁶	2.7X10 ⁻⁵
Cm-242	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁵	2.7X10 ⁻⁶
Cm-243	=	1.0	2.7X10 ⁻¹¹	1.0X10 ⁴	2.7X10 ⁻⁷
Cm-244	=	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁴	2.7X10 ⁻⁷
Cm-245	=	1.0	2.7X10 ⁻¹¹	1.0X10 ³	2.7X10 ⁻⁸
Cm-246	=	1.0	2.7X10 ⁻¹¹	1.0X10 ³	2.7X10 ⁻⁸
Cm-247	=	1.0	2.7X10 ⁻¹¹	1.0X10 ⁴	2.7X10 ⁻⁷
Cm-248	=	1.0	2.7X10 ⁻¹¹	1.0X10 ³	2.7X10 ⁻⁸
Co-55	Cobalt (27)	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁶	2.7X10 ⁻⁵
Co-56	=	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁵	2.7X10 ⁻⁶
Co-57	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁶	2.7X10 ⁻⁵
Co-58	=	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁶	2.7X10 ⁻⁵
Co-58m	=	1.0X10 ⁴	2.7X10 ⁻⁷	1.0X10 ⁷	2.7X10 ⁻⁴
Co-60	=	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁵	2.7X10 ⁻⁶
Cr-51	Chromium (24)	1.0X10 ³	2.7X10 ⁻⁸	1.0X10 ⁷	2.7X10 ⁻⁴
Cs-129	Cesium (55)	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁵	2.7X10 ⁻⁶
Cs-131	=	1.0X10 ³	2.7X10 ⁻⁸	1.0X10 ⁶	2.7X10 ⁻⁵
Cs-132	=	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁵	2.7X10 ⁻⁶
Cs-134	=	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁴	2.7X10 ⁻⁷
Cs-134m	=	1.0X10 ³	2.7X10 ⁻⁸	1.0X10 ⁵	2.7X10 ⁻⁶
Cs-135	=	1.0X10 ⁴	2.7X10 ⁻⁷	1.0X10 ⁷	2.7X10 ⁻⁴
Cs-136	=	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁵	2.7X10 ⁻⁶
Cs-137 (b)	=	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁴	2.7X10 ⁻⁷
Cu-64	Copper (29)	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁶	2.7X10 ⁻⁵
Cu-67	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁶	2.7X10 ⁻⁵
Dy-159	Dysprosium (66)	1.0X10 ³	2.7X10 ⁻⁸	1.0X10 ⁷	2.7X10 ⁻⁴
Dy-165	=	1.0X10 ³	2.7X10 ⁻⁸	1.0X10 ⁶	2.7X10 ⁻⁵
Dy-166	=	1.0X10 ³	2.7X10 ⁻⁸	1.0X10 ⁶	2.7X10 ⁻⁵
Er-169	Erbium (68)	1.0X10 ⁴	2.7X10 ⁻⁷	1.0X10 ⁷	2.7X10 ⁻⁴
Er-171	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁶	2.7X10 ⁻⁵
Eu-147	Europium (63)	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁶	2.7X10 ⁻⁵
Eu-148	=	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁶	2.7X10 ⁻⁵
Eu-149	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁷	2.7X10 ⁻⁴
Eu-150 (short lived)	=	1.0X10 ³	2.7X10 ⁻⁸	1.0X10 ⁶	2.7X10 ⁻⁵
Eu-150 (long lived)	=	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁶	2.7X10 ⁻⁵
Eu-152	=	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁶	2.7X10 ⁻⁵
Eu-152m	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁶	2.7X10 ⁻⁵
Eu-154	=	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁶	2.7X10 ⁻⁵
Eu-155	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁷	2.7X10 ⁻⁴
Eu-156	=	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁶	2.7X10 ⁻⁵
F-18	Fluorine (9)	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁶	2.7X10 ⁻⁵
Fe-52	Iron (26)	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁶	2.7X10 ⁻⁵
Fe-55	=	1.0X10 ⁴	2.7X10 ⁻⁷	1.0X10 ⁶	2.7X10 ⁻⁵
Fe-59	=	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁶	2.7X10 ⁻⁵
Fe-60	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁵	2.7X10 ⁻⁶
Ga-67	Gallium (31)	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁶	2.7X10 ⁻⁵
Ga-68	=	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁵	2.7X10 ⁻⁶
Ga-72	=	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁵	2.7X10 ⁻⁶
Gd-146	Gadolinium (64)	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁶	2.7X10 ⁻⁵
Gd-148	=	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁴	2.7X10 ⁻⁷
Gd-153	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁷	2.7X10 ⁻⁴

Symbol of radionuclide	Element and atomic number	Activity concentration for exempt material (Bq/g)	Activity concentration for exempt material (Ci/g)	Activity limit for exempt consignment (Bq)	Activity limit for exempt consignment (Ci)
Gd-159	=	1.0X10 ³	2.7X10 ⁻⁸	1.0X10 ⁶	2.7X10 ⁻⁵
Ge-68	Germanium (32)	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁵	2.7X10 ⁻⁶
Ge-71	=	1.0X10 ⁴	2.7X10 ⁻⁷	1.0X10 ⁸	2.7X10 ⁻³
Ge-77	=	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁵	2.7X10 ⁻⁶
Hf-172	Hafnium (72)	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁶	2.7X10 ⁻⁵
Hf-175	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁶	2.7X10 ⁻⁵
Hf-181	=	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁶	2.7X10 ⁻⁵
Hf-182	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁶	2.7X10 ⁻⁵
Hg-194	Mercury (80)	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁶	2.7X10 ⁻⁵
Hg-195m	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁶	2.7X10 ⁻⁵
Hg-197	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁷	2.7X10 ⁻⁴
Hg-197m	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁶	2.7X10 ⁻⁵
Hg-203	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁵	2.7X10 ⁻⁶
Ho-166	Holmium (67)	1.0X10 ³	2.7X10 ⁻⁸	1.0X10 ⁵	2.7X10 ⁻⁶
Ho-166m	=	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁶	2.7X10 ⁻⁵
I-123	Iodine (53)	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁷	2.7X10 ⁻⁴
I-124	=	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁶	2.7X10 ⁻⁵
I-125	=	1.0X10 ³	2.7X10 ⁻⁸	1.0X10 ⁶	2.7X10 ⁻⁵
I-126	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁶	2.7X10 ⁻⁵
I-129	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁵	2.7X10 ⁻⁶
I-131	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁶	2.7X10 ⁻⁵
I-132	=	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁵	2.7X10 ⁻⁶
I-133	=	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁶	2.7X10 ⁻⁵
I-134	=	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁵	2.7X10 ⁻⁶
I-135	=	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁶	2.7X10 ⁻⁵
In-111	Indium (49)	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁶	2.7X10 ⁻⁵
In-113m	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁶	2.7X10 ⁻⁵
In-114m	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁶	2.7X10 ⁻⁵
In-115m	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁶	2.7X10 ⁻⁵
Ir-189	Iridium (77)	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁷	2.7X10 ⁻⁴
Ir-190	=	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁶	2.7X10 ⁻⁵
Ir-192	=	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁴	2.7X10 ⁻⁷
Ir-194	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁵	2.7X10 ⁻⁶
K-40	Potassium (19)	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁶	2.7X10 ⁻⁵
K-42	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁶	2.7X10 ⁻⁵
K-43	=	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁶	2.7X10 ⁻⁵
Kr-81	Krypton (36)	1.0X10 ⁴	2.7X10 ⁻⁷	1.0X10 ⁷	2.7X10 ⁻⁴
Kr-85	=	1.0X10 ⁵	2.7X10 ⁻⁶	1.0X10 ⁴	2.7X10 ⁻⁷
Kr-85m	=	1.0X10 ³	2.7X10 ⁻⁸	1.0X10 ¹⁰	2.7X10 ⁻¹
Kr-87	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁹	2.7X10 ⁻²
La-137	Lanthanum (57)	1.0X10 ³	2.7X10 ⁻⁸	1.0X10 ⁷	2.7X10 ⁻⁴
La-140	=	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁵	2.7X10 ⁻⁶
Lu-172	Lutetium (71)	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁶	2.7X10 ⁻⁵
Lu-173	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁷	2.7X10 ⁻⁴
Lu-174	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁷	2.7X10 ⁻⁴
Lu-174m	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁷	2.7X10 ⁻⁴
Lu-177	=	1.0X10 ³	2.7X10 ⁻⁸	1.0X10 ⁷	2.7X10 ⁻⁴
Mg-28	Magnesium (12)	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁵	2.7X10 ⁻⁶
Mn-52	Manganese (25)	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁵	2.7X10 ⁻⁶
Mn-53	=	1.0X10 ⁴	2.7X10 ⁻⁷	1.0X10 ⁹	2.7X10 ⁻²
Mn-54	=	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁶	2.7X10 ⁻⁵

Symbol of radionuclide	Element and atomic number	Activity concentration for exempt material (Bq/g)	Activity concentration for exempt material (Ci/g)	Activity limit for exempt consignment (Bq)	Activity limit for exempt consignment (Ci)
Mn-56	=	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁵	2.7X10 ⁻⁶
Mo-93	Molybdenum (42)	1.0X10 ³	2.7X10 ⁻⁸	1.0X10 ⁸	2.7X10 ⁻³
Mo-99	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁶	2.7X10 ⁻⁵
N-13	Nitrogen (7)	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁹	2.7X10 ⁻²
Na-22	Sodium (11)	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁶	2.7X10 ⁻⁵
Na-24	=	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁵	2.7X10 ⁻⁶
Nb-93m	Niobium (41)	1.0X10 ⁴	2.7X10 ⁻⁷	1.0X10 ⁷	2.7X10 ⁻⁴
Nb-94	=	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁶	2.7X10 ⁻⁵
Nb-95	=	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁶	2.7X10 ⁻⁵
Nb-97	=	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁶	2.7X10 ⁻⁵
Nd-147	Neodymium (60)	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁶	2.7X10 ⁻⁵
Nd-149	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁶	2.7X10 ⁻⁵
Ni-59	Nickel (28)	1.0X10 ⁴	2.7X10 ⁻⁷	1.0X10 ⁸	2.7X10 ⁻³
Ni-63	=	1.0X10 ⁵	2.7X10 ⁻⁶	1.0X10 ⁸	2.7X10 ⁻³
Ni-65	=	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁶	2.7X10 ⁻⁵
Np-235	Neptunium (93)	1.0X10 ³	2.7X10 ⁻⁸	1.0X10 ⁷	2.7X10 ⁻⁴
Np-236 (short-lived)	=	1.0X10 ³	2.7X10 ⁻⁸	1.0X10 ⁷	2.7X10 ⁻⁴
Np-236 (long-lived)	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁵	2.7X10 ⁻⁶
Np-237 (b)	=	1.0	2.7X10 ⁻¹¹	1.0X10 ³	2.7X10 ⁻⁸
Np-239	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁷	2.7X10 ⁻⁴
Os-185	Osmium (76)	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁶	2.7X10 ⁻⁵
Os-191	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁷	2.7X10 ⁻⁴
Os-191m	=	1.0X10 ³	2.7X10 ⁻⁸	1.0X10 ⁷	2.7X10 ⁻⁴
Os-193	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁶	2.7X10 ⁻⁵
Os-194	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁵	2.7X10 ⁻⁶
P-32	Phosphorus (15)	1.0X10 ³	2.7X10 ⁻⁸	1.0X10 ⁵	2.7X10 ⁻⁶
P-33	=	1.0X10 ⁵	2.7X10 ⁻⁶	1.0X10 ⁸	2.7X10 ⁻³
Pa-230	Protactinium (91)	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁶	2.7X10 ⁻⁵
Pa-231	=	1.0	2.7X10 ⁻¹¹	1.0X10 ³	2.7X10 ⁻⁸
Pa-233	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁷	2.7X10 ⁻⁴
Pb-201	Lead (82)	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁶	2.7X10 ⁻⁵
Pb-202	=	1.0X10 ³	2.7X10 ⁻⁸	1.0X10 ⁶	2.7X10 ⁻⁵
Pb-203	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁶	2.7X10 ⁻⁵
Pb-205	=	1.0X10 ⁴	2.7X10 ⁻⁷	1.0X10 ⁷	2.7X10 ⁻⁴
Pb-210 (b)	=	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁴	2.7X10 ⁻⁷
Pb-212 (b)	=	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁵	2.7X10 ⁻⁶
Pd-103	Palladium (46)	1.0X10 ³	2.7X10 ⁻⁸	1.0X10 ⁸	2.7X10 ⁻³
Pd-107	=	1.0X10 ⁵	2.7X10 ⁻⁶	1.0X10 ⁸	2.7X10 ⁻³
Pd-109	=	1.0X10 ³	2.7X10 ⁻⁸	1.0X10 ⁶	2.7X10 ⁻⁵
Pm-143	Promethium (61)	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁶	2.7X10 ⁻⁵
Pm-144	=	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁶	2.7X10 ⁻⁵
Pm-145	=	1.0X10 ³	2.7X10 ⁻⁸	1.0X10 ⁷	2.7X10 ⁻⁴
Pm-147	=	1.0X10 ⁴	2.7X10 ⁻⁷	1.0X10 ⁷	2.7X10 ⁻⁴
Pm-148m	=	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁶	2.7X10 ⁻⁵
Pm-149	=	1.0X10 ³	2.7X10 ⁻⁸	1.0X10 ⁶	2.7X10 ⁻⁵
Pm-151	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁶	2.7X10 ⁻⁵
Po-210	Polonium (84)	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁴	2.7X10 ⁻⁷
Pr-142	Praseodymium (59)	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁵	2.7X10 ⁻⁶
Pr-143	=	1.0X10 ⁴	2.7X10 ⁻⁷	1.0X10 ⁶	2.7X10 ⁻⁵
Pt-188	Platinum (78)	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁶	2.7X10 ⁻⁵
Pt-191	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁶	2.7X10 ⁻⁵

Symbol of radionuclide	Element and atomic number	Activity concentration for exempt material (Bq/g)	Activity concentration for exempt material (Ci/g)	Activity limit for exempt consignment (Bq)	Activity limit for exempt consignment (Ci)
Pt-193	=	1.0X10 ⁴	2.7X10 ⁻⁷	1.0X10 ⁷	2.7X10 ⁻⁴
Pt-193m	=	1.0X10 ³	2.7X10 ⁻⁸	1.0X10 ⁷	2.7X10 ⁻⁴
Pt-195m	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁶	2.7X10 ⁻⁵
Pt-197	=	1.0X10 ³	2.7X10 ⁻⁸	1.0X10 ⁶	2.7X10 ⁻⁵
Pt-197m	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁶	2.7X10 ⁻⁵
Pu-236	Plutonium (94)	1.0X10 ⁴	2.7X10 ⁻¹⁰	1.0X10 ⁴	2.7X10 ⁻⁷
Pu-237	=	1.0X10 ³	2.7X10 ⁻⁸	1.0X10 ⁷	2.7X10 ⁻⁴
Pu-238	=	1.0	2.7X10 ⁻¹¹	1.0X10 ⁴	2.7X10 ⁻⁷
Pu-239	=	1.0	2.7X10 ⁻¹¹	1.0X10 ⁴	2.7X10 ⁻⁷
Pu-240	=	1.0	2.7X10 ⁻¹¹	1.0X10 ³	2.7X10 ⁻⁸
Pu-241	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁵	2.7X10 ⁻⁶
Pu-242	=	1.0	2.7X10 ⁻¹¹	1.0X10 ⁴	2.7X10 ⁻⁷
Pu-244	=	1.0	2.7X10 ⁻¹¹	1.0X10 ⁴	2.7X10 ⁻⁷
Ra-223 (b)	Radium (88)	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁵	2.7X10 ⁻⁶
Ra-224 (b)	=	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁵	2.7X10 ⁻⁶
Ra-225	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁵	2.7X10 ⁻⁶
Ra-226 (b)	=	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁴	2.7X10 ⁻⁷
Ra-228 (b)	=	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁵	2.7X10 ⁻⁶
Rb-81	Rubidium (37)	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁶	2.7X10 ⁻⁵
Rb-83	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁶	2.7X10 ⁻⁵
Rb-84	=	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁶	2.7X10 ⁻⁵
Rb-86	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁵	2.7X10 ⁻⁶
Rb-87	=	1.0X10 ⁴	2.7X10 ⁻⁷	1.0X10 ⁷	2.7X10 ⁻⁴
Rb (nat)	=	1.0X10 ⁴	2.7X10 ⁻⁷	1.0X10 ⁷	2.7X10 ⁻⁴
Re-184	Rhenium (75)	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁶	2.7X10 ⁻⁵
Re-184m	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁶	2.7X10 ⁻⁵
Re-186	=	1.0X10 ³	2.7X10 ⁻⁸	1.0X10 ⁶	2.7X10 ⁻⁵
Re-187	=	1.0X10 ⁶	2.7X10 ⁻⁵	1.0X10 ⁹	2.7X10 ⁻²
Re-188	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁵	2.7X10 ⁻⁶
Re-189	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁶	2.7X10 ⁻⁵
Re (nat)	=	1.0X10 ⁶	2.7X10 ⁻⁵	1.0X10 ⁹	2.7X10 ⁻²
Rh-99	Rhodium (45)	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁶	2.7X10 ⁻⁵
Rh-101	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁷	2.7X10 ⁻⁴
Rh-102	=	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁶	2.7X10 ⁻⁵
Rh-102m	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁶	2.7X10 ⁻⁵
Rh-103m	=	1.0X10 ⁴	2.7X10 ⁻⁷	1.0X10 ⁸	2.7X10 ⁻³
Rh-105	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁷	2.7X10 ⁻⁴
Rn-222 (b)	Radon (86)	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁸	2.7X10 ⁻³
Ru-97	Ruthenium (44)	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁷	2.7X10 ⁻⁴
Ru-103	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁶	2.7X10 ⁻⁵
Ru-105	=	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁶	2.7X10 ⁻⁵
Ru-106 (b)	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁵	2.7X10 ⁻⁶
S-35	Sulphur (16)	1.0X10 ⁵	2.7X10 ⁻⁶	1.0X10 ⁸	2.7X10 ⁻³
Sb-122	Antimony (51)	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁴	2.7X10 ⁻⁷
Sb-124	=	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁶	2.7X10 ⁻⁵
Sb-125	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁶	2.7X10 ⁻⁵
Sb-126	=	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁵	2.7X10 ⁻⁶
Sc-44	Scandium (21)	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁵	2.7X10 ⁻⁶
Sc-46	=	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁶	2.7X10 ⁻⁵
Sc-47	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁶	2.7X10 ⁻⁵
Sc-48	=	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁵	2.7X10 ⁻⁶

Symbol of radionuclide	Element and atomic number	Activity concentration for exempt material (Bq/g)	Activity concentration for exempt material (Ci/g)	Activity limit for exempt consignment (Bq)	Activity limit for exempt consignment (Ci)
Se-75	Selenium (34)	1.0×10^2	2.7×10^{-9}	1.0×10^6	2.7×10^{-5}
Se-79	=	1.0×10^4	2.7×10^{-7}	1.0×10^7	2.7×10^{-4}
Si-31	Silicon (14)	1.0×10^3	2.7×10^{-8}	1.0×10^6	2.7×10^{-5}
Si-32	=	1.0×10^3	2.7×10^{-8}	1.0×10^6	2.7×10^{-5}
Sm-145	Samarium (62)	1.0×10^2	2.7×10^{-9}	1.0×10^7	2.7×10^{-4}
Sm-147	=	1.0×10^4	2.7×10^{-10}	1.0×10^4	2.7×10^{-7}
Sm-151	=	1.0×10^4	2.7×10^{-7}	1.0×10^8	2.7×10^{-3}
Sm-153	=	1.0×10^2	2.7×10^{-9}	1.0×10^6	2.7×10^{-5}
Sn-113	Tin (50)	1.0×10^3	2.7×10^{-8}	1.0×10^7	2.7×10^{-4}
Sn-117m	=	1.0×10^2	2.7×10^{-9}	1.0×10^6	2.7×10^{-5}
Sn-119m	=	1.0×10^3	2.7×10^{-8}	1.0×10^7	2.7×10^{-4}
Sn-121m	=	1.0×10^3	2.7×10^{-8}	1.0×10^7	2.7×10^{-4}
Sn-123	=	1.0×10^3	2.7×10^{-8}	1.0×10^6	2.7×10^{-5}
Sn-125	=	1.0×10^2	2.7×10^{-9}	1.0×10^5	2.7×10^{-6}
Sn-126	=	1.0×10^4	2.7×10^{-10}	1.0×10^5	2.7×10^{-6}
Sr-82	Strontium (38)	1.0×10^4	2.7×10^{-10}	1.0×10^5	2.7×10^{-6}
Sr-85	=	1.0×10^2	2.7×10^{-9}	1.0×10^6	2.7×10^{-5}
Sr-85m	=	1.0×10^2	2.7×10^{-9}	1.0×10^7	2.7×10^{-4}
Sr-87m	=	1.0×10^2	2.7×10^{-9}	1.0×10^6	2.7×10^{-5}
Sr-89	=	1.0×10^3	2.7×10^{-8}	1.0×10^6	2.7×10^{-5}
Sr-90 (b)	=	1.0×10^2	2.7×10^{-9}	1.0×10^4	2.7×10^{-7}
Sr-91	=	1.0×10^4	2.7×10^{-10}	1.0×10^5	2.7×10^{-6}
Sr-92	=	1.0×10^4	2.7×10^{-10}	1.0×10^6	2.7×10^{-5}
T(H-3)	Tritium (1)	1.0×10^6	2.7×10^{-5}	1.0×10^9	2.7×10^{-2}
Ta-178 (long-lived)	Tantalum (73)	1.0×10^4	2.7×10^{-10}	1.0×10^6	2.7×10^{-5}
Ta-179	=	1.0×10^3	2.7×10^{-8}	1.0×10^7	2.7×10^{-4}
Ta-182	=	1.0×10^4	2.7×10^{-10}	1.0×10^4	2.7×10^{-7}
Tb-157	Terbium (65)	1.0×10^4	2.7×10^{-7}	1.0×10^7	2.7×10^{-4}
Tb-158	=	1.0×10^4	2.7×10^{-10}	1.0×10^6	2.7×10^{-5}
Tb-160	=	1.0×10^4	2.7×10^{-10}	1.0×10^6	2.7×10^{-5}
Tc-95m	Technetium (43)	1.0×10^4	2.7×10^{-10}	1.0×10^6	2.7×10^{-5}
Tc-96	=	1.0×10^4	2.7×10^{-10}	1.0×10^6	2.7×10^{-5}
Tc-96m	=	1.0×10^3	2.7×10^{-8}	1.0×10^7	2.7×10^{-4}
Tc-97	=	1.0×10^3	2.7×10^{-8}	1.0×10^8	2.7×10^{-3}
Tc-97m	=	1.0×10^3	2.7×10^{-8}	1.0×10^7	2.7×10^{-4}
Tc-98	=	1.0×10^4	2.7×10^{-10}	1.0×10^6	2.7×10^{-5}
Tc-99	=	1.0×10^4	2.7×10^{-7}	1.0×10^7	2.7×10^{-4}
Tc-99m	=	1.0×10^2	2.7×10^{-9}	1.0×10^7	2.7×10^{-4}
Te-121	Tellurium (52)	1.0×10^4	2.7×10^{-10}	1.0×10^6	2.7×10^{-5}
Te-121m	=	1.0×10^2	2.7×10^{-9}	1.0×10^5	2.7×10^{-6}
Te-123m	=	1.0×10^2	2.7×10^{-9}	1.0×10^7	2.7×10^{-4}
Te-125m	=	1.0×10^3	2.7×10^{-8}	1.0×10^7	2.7×10^{-4}
Te-127	=	1.0×10^3	2.7×10^{-8}	1.0×10^6	2.7×10^{-5}
Te-127m	=	1.0×10^3	2.7×10^{-8}	1.0×10^7	2.7×10^{-4}
Te-129	=	1.0×10^2	2.7×10^{-9}	1.0×10^6	2.7×10^{-5}
Te-129m	=	1.0×10^3	2.7×10^{-8}	1.0×10^6	2.7×10^{-5}
Te-131m	=	1.0×10^4	2.7×10^{-10}	1.0×10^6	2.7×10^{-5}
Te-132	=	1.0×10^2	2.7×10^{-9}	1.0×10^7	2.7×10^{-4}
Th-227	Thorium (90)	1.0×10^4	2.7×10^{-10}	1.0×10^4	2.7×10^{-7}
Th-228 (b)	=	1.0	2.7×10^{-11}	1.0×10^4	2.7×10^{-7}
Th-229 (b)	=	1.0	2.7×10^{-11}	1.0×10^3	2.7×10^{-8}

Symbol of radionuclide	Element and atomic number	Activity concentration for exempt material (Bq/g)	Activity concentration for exempt material (Ci/g)	Activity limit for exempt consignment (Bq)	Activity limit for exempt consignment (Ci)
Th-230	=	1.0	2.7X10 ⁻¹¹	1.0X10 ⁴	2.7X10 ⁻⁷
Th-231	=	1.0X10 ³	2.7X10 ⁻⁸	1.0X10 ⁷	2.7X10 ⁻⁴
Th-232	=	1.0X10 ⁴	2.7X10 ⁻¹⁰	1.0X10 ⁴	2.7X10 ⁻⁷
Th-234 (b)	=	1.0X10 ³	2.7X10 ⁻⁸	1.0X10 ⁵	2.7X10 ⁻⁶
Th (nat) (b)	=	1.0	2.7X10 ⁻¹¹	1.0X10 ³	2.7X10 ⁻⁸
Ti-44	Titanium (22)	1.0X10 ⁴	2.7X10 ⁻¹⁰	1.0X10 ⁵	2.7X10 ⁻⁶
Tl-200	Thallium (81)	1.0X10 ⁴	2.7X10 ⁻¹⁰	1.0X10 ⁶	2.7X10 ⁻⁵
Tl-201	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁶	2.7X10 ⁻⁵
Tl-202	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁶	2.7X10 ⁻⁵
Tl-204	=	1.0X10 ⁴	2.7X10 ⁻⁷	1.0X10 ⁴	2.7X10 ⁻⁷
Tm-167	Thulium (69)	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁶	2.7X10 ⁻⁵
Tm-170	=	1.0X10 ³	2.7X10 ⁻⁸	1.0X10 ⁶	2.7X10 ⁻⁵
Tm-171	=	1.0X10 ⁴	2.7X10 ⁻⁷	1.0X10 ⁸	2.7X10 ⁻³
U-230 (fast lung absorption) (b), (d)	Uranium (92)	1.0X10 ⁴	2.7X10 ⁻¹⁰	1.0X10 ⁵	2.7X10 ⁻⁶
U-230 (medium lung absorption) (e)	=	1.0X10 ⁴	2.7X10 ⁻¹⁰	1.0X10 ⁴	2.7X10 ⁻⁷
U-230 (slow lung absorption) (f)	=	1.0X10 ⁴	2.7X10 ⁻¹⁰	1.0X10 ⁴	2.7X10 ⁻⁷
U-232 (fast lung absorption) (b), (d)	=	1.0	2.7X10 ⁻¹¹	1.0X10 ³	2.7X10 ⁻⁸
U-232 (medium lung absorption) (e)	=	1.0X10 ⁴	2.7X10 ⁻¹⁰	1.0X10 ⁴	2.7X10 ⁻⁷
U-232 (slow lung absorption) (f)	=	1.0X10 ⁴	2.7X10 ⁻¹⁰	1.0X10 ⁴	2.7X10 ⁻⁷
U-233 (fast lung absorption) (d)	=	1.0X10 ⁴	2.7X10 ⁻¹⁰	1.0X10 ⁴	2.7X10 ⁻⁷
U-233 (medium lung absorption) (e)	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁵	2.7X10 ⁻⁶
U-233 (slow lung absorption) (f)	=	1.0X10 ⁴	2.7X10 ⁻¹⁰	1.0X10 ⁵	2.7X10 ⁻⁶
U-234 (fast lung absorption) (d)	=	1.0X10 ⁴	2.7X10 ⁻¹⁰	1.0X10 ⁴	2.7X10 ⁻⁷
U-234 (medium lung absorption) (e)	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁵	2.7X10 ⁻⁶
U-234 (slow lung absorption) (f)	=	1.0X10 ⁴	2.7X10 ⁻¹⁰	1.0X10 ⁵	2.7X10 ⁻⁶
U-235 (all lung absorption types) (b), (d), (e), (f)	=	1.0X10 ⁴	2.7X10 ⁻¹⁰	1.0X10 ⁴	2.7X10 ⁻⁷
U-236 (fast lung absorption) (d)	=	1.0X10 ⁴	2.7X10 ⁻¹⁰	1.0X10 ⁴	2.7X10 ⁻⁷
U-236 (medium lung absorption) (e)	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁵	2.7X10 ⁻⁶
U-236 (slow lung absorption) (f)	=	1.0X10 ⁴	2.7X10 ⁻¹⁰	1.0X10 ⁴	2.7X10 ⁻⁷
U-238 (all lung absorption types) (b), (d), (e), (f)	=	1.0X10 ⁴	2.7X10 ⁻¹⁰	1.0X10 ⁴	2.7X10 ⁻⁷
U (nat) (b)	=	1.0	2.7X10 ⁻¹¹	1.0X10 ³	2.7X10 ⁻⁸
U (enriched to 20% or less) (g)	=	1.0	2.7X10 ⁻¹¹	1.0X10 ³	2.7X10 ⁻⁸
U (dep)	=	1.0	2.7X10 ⁻¹¹	1.0X10 ³	2.7X10 ⁻⁸
V-48	Vanadium (23)	1.0X10 ⁴	2.7X10 ⁻¹⁰	1.0X10 ⁵	2.7X10 ⁻⁶
V-49	=	1.0X10 ⁴	2.7X10 ⁻⁷	1.0X10 ⁷	2.7X10 ⁻⁴
W-178	Tungsten (74)	1.0X10 ⁴	2.7X10 ⁻¹⁰	1.0X10 ⁶	2.7X10 ⁻⁵
W-181	=	1.0X10 ³	2.7X10 ⁻⁸	1.0X10 ⁷	2.7X10 ⁻⁴
W-185	=	1.0X10 ⁴	2.7X10 ⁻⁷	1.0X10 ⁷	2.7X10 ⁻⁴
W-187	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁶	2.7X10 ⁻⁵
W-188	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁵	2.7X10 ⁻⁶
Xe-122	Xenon (54)	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ²	2.7X10 ⁻²

Symbol of radionuclide	Element and atomic number	Activity concentration for exempt material (Bq/g)	Activity concentration for exempt material (Ci/g)	Activity limit for exempt consignment (Bq)	Activity limit for exempt consignment (Ci)
Xe-123	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁹	2.7X10 ⁻²
Xe-127	=	1.0X10 ³	2.7X10 ⁻⁸	1.0X10 ⁵	2.7X10 ⁻⁶
Xe-131m	=	1.0X10 ⁴	2.7X10 ⁻⁷	1.0X10 ⁴	2.7X10 ⁻⁷
Xe-133	=	1.0X10 ³	2.7X10 ⁻⁸	1.0X10 ⁴	2.7X10 ⁻⁷
Xe-135	=	1.0X10 ³	2.7X10 ⁻⁸	1.0X10 ¹⁰	2.7X10 ⁻¹
Y-87	Yttrium (39)	1.0X10 ⁴	2.7X10 ⁻¹⁰	1.0X10 ⁶	2.7X10 ⁻⁵
Y-88	=	1.0X10 ⁴	2.7X10 ⁻¹⁰	1.0X10 ⁶	2.7X10 ⁻⁵
Y-90	=	1.0X10 ³	2.7X10 ⁻⁸	1.0X10 ⁵	2.7X10 ⁻⁶
Y-91	=	1.0X10 ³	2.7X10 ⁻⁸	1.0X10 ⁶	2.7X10 ⁻⁵
Y-91m	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁶	2.7X10 ⁻⁵
Y-92	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁵	2.7X10 ⁻⁶
Y-93	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁵	2.7X10 ⁻⁶
Yb-169	Ytterbium (70)	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁷	2.7X10 ⁻⁴
Yb-175	=	1.0X10 ³	2.7X10 ⁻⁸	1.0X10 ⁷	2.7X10 ⁻⁴
Zn-65	Zinc (30)	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁶	2.7X10 ⁻⁵
Zn-69	=	1.0X10 ⁴	2.7X10 ⁻⁷	1.0X10 ⁶	2.7X10 ⁻⁵
Zn-69m	=	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁶	2.7X10 ⁻⁵
Zr-88	Zirconium (40)	1.0X10 ²	2.7X10 ⁻⁹	1.0X10 ⁶	2.7X10 ⁻⁵
Zr-93 (b)	=	1.0X10 ³	2.7X10 ⁻⁸	1.0X10 ⁷	2.7X10 ⁻⁴
Zr-95	=	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁶	2.7X10 ⁻⁵
Zr-97 (b)	=	1.0X10 ¹	2.7X10 ⁻¹⁰	1.0X10 ⁵	2.7X10 ⁻⁶

^a (Reserved)

^b Parent nuclides and their progeny included in secular equilibrium are listed in the following:

- Sr-90 Y-90
- Zr-93 Nb-93m
- Zr-97 Nb-97
- Ru-106 Rh-106
- Cs-137 Ba-137m
- Ce-134 La-134
- Ce-144 Pr-144
- Ba-140 La-140
- Bi-212 Tl-208 (0.36), Po-212 (0.64)
- Pb-210 Bi-210, Po-210
- Pb-212 Bi-212, Tl-208 (0.36), Po-212 (0.64)
- Rn-220 Po-216
- Rn-222 Po-218, Pb-214, Bi-214, Po-214
- Ra-223 Rn-219, Po-215, Pb-211, Bi-211, Tl-207
- Ra-224 Rn-220, Po-216, Pb-212, Bi-212, Tl-208 (0.36), Po-212 (0.64)
- Ra-226 Rn-222, Po-218, Pb-214, Bi-214, Po-214, Pb-210, Bi-210, Po-210
- Ra-228 Ac-228
- Th-226 Ra-222, Rn-218, Po-214
- Th-228 Ra-224, Rn-220, Po-216, Pb-212, Bi-212, Tl-208 (0.36), Po-212 (0.64)
- Th-229 Ra-225, Ac-225, Fr-221, At-217, Bi-213, Po-213, Pb-209
- Th-nat Ra-228, Ac-228, Th-228, Ra-224, Rn-220, Po-216, Pb-212, Bi-212, Tl-208 (0.36), Po-212 (0.64)
- Th-234 Pa-234m
- U-230 Th-226, Ra-222, Rn-218, Po-214
- U-232 Th-228, Ra-224, Rn-220, Po-216, Pb-212, Bi-212, Tl-208 (0.36), Po-212 (0.64)
- U-235 Th-231
- U-238 Th-234, Pa-234m
- U-nat Th-234, Pa-234m, U-234, Th-230, Ra-226, Rn-222, Po-218, Pb-214, Bi-214, Po-214, Pb-210, Bi-210, Po-210
- U-240 Np-240m
- Np-237 Pa-233
- Am-242m Am-242
- Am-243 Np-239

^c (Reserved)

^d These values apply only to compounds of uranium that take the chemical form of UF₆, UO₂F₂ and UO₂(NO₃)₂ in both normal and accident conditions of transport.

^e These values apply only to compounds of uranium that take the chemical form of UO₃, UF₄, UCl₄ and hexavalent compounds in both normal and accident conditions of transport.

^f These values apply to all compounds of uranium other than those specified in notes (d) and (e) of this table.

^g These values apply to unirradiated uranium only.

((Table A-3. Activity-mass Relationships for Uranium

Uranium Enrichment 1 wt % U-235 present	Specific Activity	
	TBq/g	Ci/g
0.45	1.8E-8	5.0E-7
0.72	2.6E-8	7.1E-7
1.0	2.8E-8	7.6E-7
1.5	3.7E-8	1.0E-6
5.0	1.0E-7	2.7E-6
10.0	1.8E-7	4.8E-6
20.0	3.7E-7	1.0E-5

Uranium Enrichment 1 wt % U-235 present	Specific Activity	
	TBq/g	Ci/g
35.0	7.4E-7	2.0E-5
50.0	9.3E-7	2.5E-5
90.0	2.2E-6	5.8E-5
93.0	2.6E-6	7.0E-5
95.0	3.4E-6	9.1E-5

+ The figures for uranium include representative values for the activity of the uranium-234 that is concentrated during the enrichment process-))

Table A-3. General Values for A1 and A2

Contents	A ₁		A ₂		Activity concentration for exempt material (Bq/g)	Activity concentration for exempt material (Ci/g)	Activity limits for exempt consignments (Bq)	Activity limits for exempt consignments (Ci)
	(TBq)	(Ci)	(TBq)	(Ci)				
Only beta or gamma emitting radionuclides are known to be present	1 x 10 ⁻¹	2.7 x 10 ⁰	2 x 10 ⁻²	5.4 x 10 ⁻¹	1 x 10 ¹	2.7 x 10 ⁻¹⁰	1 x 10 ⁴	2.7 x 10 ⁻⁷
Only alpha emitting radionuclides are known to be present	2 x 10 ⁻¹	5.4 x 10 ⁰	9 x 10 ⁻⁵	2.4 x 10 ⁻³	1 x 10 ⁻¹	2.7 x 10 ⁻¹²	1 x 10 ³	2.7 x 10 ⁻⁸
No relevant data are available	1 x 10 ⁻³	2.7 x 10 ⁻²	9 x 10 ⁻⁵	2.4 x 10 ⁻³	1 x 10 ⁻¹	2.7 x 10 ⁻¹²	1 x 10 ³	2.7 x 10 ⁻⁸

Table A-4. Activity-Mass Relationships for Uranium

Uranium Enrichment ¹ wt % U-235 present	Specific Activity	
	TBq/g	Ci/g
0.45	1.8 x 10 ⁻⁸	5.0 x 10 ⁻⁷
0.72	2.6 x 10 ⁻⁸	7.1 x 10 ⁻⁷
1	2.8 x 10 ⁻⁸	7.6 x 10 ⁻⁷
1.5	3.7 x 10 ⁻⁸	1.0 x 10 ⁻⁶
5	1.0 x 10 ⁻⁷	2.7 x 10 ⁻⁶
10	1.8 x 10 ⁻⁷	4.8 x 10 ⁻⁶
20	3.7 x 10 ⁻⁷	1.0 x 10 ⁻⁵
35	7.4 x 10 ⁻⁷	2.0 x 10 ⁻⁵
50	9.3 x 10 ⁻⁷	2.5 x 10 ⁻⁵
90	2.2 x 10 ⁻⁶	5.8 x 10 ⁻⁵
93	2.6 x 10 ⁻⁶	7.0 x 10 ⁻⁵
95	3.4 x 10 ⁻⁶	9.1 x 10 ⁻⁵

¹ The figures for uranium include representative values for the activity of the uranium-234 that is concentrated during the enrichment process.

REPEALER

The following section of the Washington Administrative Code is repealed:

WAC 246-231-070 Previously approved package.

**WSR 08-09-100
PERMANENT RULES
DEPARTMENT OF HEALTH
(Board of Psychology)**

[Filed April 21, 2008, 2:05 p.m., effective May 22, 2008]

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

Purpose: The passing of ESSB 6554 in 2004 gave the examining board of psychology (board) flexibility in the types of examination required by applicants for licensure. The board decided to eliminate the oral examination requirements and require a written jurisprudence examination. These rules clarify the examination requirements and delete the oral exam references.

Citation of Existing Rules Affected by this Order: Repealing WAC 246-924-090; amending WAC 246-924-070, 246-924-095, 246-924-100, 246-924-160, 246-924-480, and 246-924-150.

Statutory Authority for Adoption: RCW 18.83.050.

Adopted under notice filed as WSR 08-03-121 on January 23, 2008.

A final cost-benefit analysis is available by contacting Betty Moe, Department of Health, P.O. Box 47869, Olympia, WA 98504-7869, phone (360) 236-4912, fax (360) 236-4909, e-mail Betty.Moe@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 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 1, Amended 0, Repealed 1.

Date Adopted: February 29, 2008.

Thomas Wall
Board Chair

AMENDATORY SECTION (Amending Order 349B, filed 3/18/93, effective 4/18/93)

WAC 246-924-070 Psychologists—Written examination. ~~((Written examination requirements:))~~ The written exam requirement consists of two separate examinations.

~~(1) The written examination ((that is used in the state of)) Washington state uses is the national Examination of Professional Practice of Psychology (EPPP). ((The examination consists of objective multiple choice questions covering the major areas of psychology. Each form of the examination contains between 150 and 200 items in the areas listed below:~~

~~(1) Background information, including physiological psychology and comparative psychology, learning, history, theory and systems, sensation and perception, motivation, social psychology, personality, cognitive processes, developmental psychology and psychopharmacology.~~

~~(2) Methodology including research design and interpretation, statistics, test construction and interpretation, scaling.~~

~~(3) Clinical psychology including test usage and interpretation, diagnosis, psychopathology, therapy, judgment in clinical situations, community mental health.~~

~~(4) Behavior modification including learning and applications.~~

~~(5) Other specialties including management consulting, industrial and human engineering, social psychology, t-groups, counseling and guidance, communication systems analysis.~~

~~(6) Professional conduct and ethics including inter-disciplinary relations and knowledge of professional affairs.~~

~~The cutoff score which the Washington state board of examiners uses is 70% of the raw score, or the national mean of all first time doctorates, whichever is the lowest.))~~

(a) The Association of State and Provincial Psychology is responsible for the development and administration of the national exam.

(b) To be considered for licensure applicants must receive a score of at least 70% or the national mean, whichever is lowest.

(2) The jurisprudence examination covers professional judgment, knowledge of state laws, and ethics pertaining to the practice of psychology.

(a) The department of health administers the jurisprudence examination on behalf of the examining board of psychology.

(b) To be considered for licensure applicants must receive a score of at least 90%.

AMENDATORY SECTION (Amending WSR 94-12-039, filed 5/25/94, effective 6/25/94)

WAC 246-924-095 Failure of ~~((oral))~~ written examinations. ~~((After an oral examination failure,))~~ An applicant ((shall) who fails either examination required under WAC 246-924-070 may sit for reexamination as follows:

(1) First reexamination: At ((the next)) any following examination administration date ((or any subsequent administration date));

(2) Second or subsequent reexamination: ((At least one year after the date of the first reexamination;

(3) Successive reexamination: At least one year after the date of the previous reexamination and after having shown adequate proof of meeting any additional professional training required by the board.)) A minimum of two months after the failure of the previous examination.

AMENDATORY SECTION (Amending WSR 93-21-024, filed 10/13/93, effective 11/13/93)

WAC 246-924-100 Qualifications for granting of license by endorsement. ~~((+))~~ Candidates applying for licensure ((pursuant to the provisions of)) under RCW 18.83.170 (1) and (2) shall:

~~((a))~~ (1) Provide evidence of meeting the educational requirements set forth in RCW 18.83.070 in effect ((at the time)) when the applicant ((entered)) completed his((/)) or her doctoral program; and

~~((b))~~ (2) Pass the ~~((oral))~~ jurisprudence examination administered by the ~~((board pursuant to RCW 18.83.050))~~ department on behalf of the board, as described in WAC 246-924-070.

~~((2) Candidates applying for licensure pursuant to the provisions of RCW 18.83.170(3) shall:~~

~~(a) Pass the oral examination administered by the board pursuant to RCW 18.83.050.))~~

AMENDATORY SECTION (Amending Order 117B, filed 1/28/91, effective 2/28/91)

WAC 246-924-150 Certificates of qualification—Procedure for additional areas of function. A person receiving a certificate of qualification may apply for certification in an additional area of function by updating his/her application form and references~~((;))~~ for purposes of board review under WAC 246-924-160 and submitting the required fee ((and by taking an oral examination in the new area following the procedures outlined above)).

AMENDATORY SECTION (Amending Order 117B, filed 1/28/91, effective 2/28/91)

WAC 246-924-160 Continued supervision of persons receiving certificates of qualification. (1) The law ~~((states that the))~~ requires holders of a certificate of qualification ~~((must))~~ to perform psychological functions "under the periodic direct supervision of a psychologist licensed by the board." The board's interpretation of this statement is that ~~((the))~~ a holder of a certificate of qualification, referred to as a "psychological assistant," is certified *in tandem* with a licensed psychologist and not in his or her own right. ~~((That is,))~~ The board will evaluate ~~((simultaneously))~~, at the same time, the professional capabilities of the certificate of qualifications applicant, and the qualifications of the licensed psychologist to supervise the psychological assistant in the specific professional functions outlined by the psychological assistant. The board ~~((s approval of an association between a))~~ **must examine and approve the professional qualifications of the psychological assistant applicant and ((a)) the licensed psychologist** ~~((is done purely on an examination of the professional qualifications of the two parties concerned and on the execution of an agreement between the two of them as proposed supervisor and supervisee. The board in no way involves itself with the))~~ and their supervisor-supervisee agreement. The board does not approve specific work conditions, fees, salaries, and related factors ~~((except insofar as they have a bearing on the))~~ as relevant to the nature and quality of the professional relationship or services offered to the public.

(2) The applicant must indicate on the application form, in detail, his or her areas of intended practice. After initial screening (evaluation of the person's education, experience, and supervision) and passing the ~~((national))~~ written examinations, the applicant shall furnish the board with a plan for continued supervision, which will include detailed information regarding the supervisor, which indicates an agreement to supervise. ~~((The board will use this information in conjunction with the oral examination to assess the supervision plans.))~~

(3) Minimum supervision shall ~~((entail))~~ include discussion of the psychological assistant's work through regularly scheduled contacts with the supervisor at appropriate intervals. Whenever possible, supervision should consist of occasional direct observation or review of ~~((taped))~~ recorded case material. The supervisor shall be responsible for preparing evaluative reports of the psychological assistant's performance, which will be forwarded to the ~~((division of professional licensing))~~ board on a periodic basis.

(4) When a licensed psychologist assumes the responsibility of supervision, he or she shares the professional and ethical responsibility for the nature and quality of all of the psychological services ~~((as))~~ the psychological assistant may provide. Failure to provide supervision ~~((when such a relationship is claimed))~~ as described in the agreement may result in appropriate action against the license of the supervisor.

(5) Interruption or termination of a supervisory relationship shall be promptly communicated to the ~~((division of professional licensing))~~ board by the supervisor or the psychological assistant.

(6) In every case where psychological testing is done and a report is written based on that testing by a psychological assistant, the supervising licensed psychologist will counter-sign the report indicating his or her approval.

(7) An applicant or holder of a certificate may apply to the board for authority to work without immediate supervision in particular areas of function. In these cases, the board may require further evidence of proficiency. Even though the immediate supervision requirement is waived for the psychological ~~((affiliate))~~ assistant, periodic supervisory consultation as deemed appropriate by the board is required. Evidence of supervisory consultation must be submitted to the ~~((division of professional licensing))~~ department of health with the annual license renewal fee.

(8) The board will conduct appropriate review and make its decision under this section for any application submitted under WAC 246-924-150 for certification of an additional area of function.

AMENDATORY SECTION (Amending Order 117B, filed 1/28/91, effective 2/28/91)

WAC 246-924-480 Temporary permits. ~~((1)) Pursuant to RCW 18.83.082(1,))~~ A temporary permit is issued ~~((to a license applicant:~~

~~((a))~~ under RCW 18.83.082 and is valid for no more than ~~((4))~~ ninety days within one calendar year from the date ~~((of issue;~~

~~((b))~~ Is terminated if the license applicant fails either the written or oral examination administered by the board pursuant to RCW 18.83.050; and/or,

~~((c))~~ Is terminated if the license applicant fails to appear for a scheduled written or oral examination, unless the applicant notifies the board in advance of the inability to appear) it is issued.

NEW SECTION

WAC 246-924-495 Qualifications for granting a license. Candidates applying for initial licensure under RCW 18.83.170 must meet the following requirements:

(1) Submit a completed application form provided by the department.

(2) Pay the application and examination fees described in WAC 246-924-990.

(3) Provide evidence of completing a doctoral degree program described in WAC 246-924-046.

(4) Provide evidence of completing the practicum requirement set forth in WAC 246-924-049.

(5) Provide evidence of completing the internship experience requirement as defined in WAC 246-924-056.

(6) Provide evidence of completion of supervised experience requirement as defined in WAC 246-924-053 and 246-924-059.

(7) Pass the national Examination of Professional Practice of Psychology (EPPP) described in WAC 246-924-070.

(8) Pass the jurisprudence examination in WAC 246-924-070.

WSR 08-09-119**PERMANENT RULES****MARINE EMPLOYEES' COMMISSION**

[Filed April 22, 2008, 9:00 a.m., effective May 23, 2008]

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

Purpose: Due to changes in chapter 47.64 RCW during the 2006 and 2007 legislative sessions, chapter 316-85 WAC required modifications to reflect those changes in chapter 47.64 RCW.

Citation of Existing Rules Affected by this Order: Amending chapter 316-85 WAC.

Statutory Authority for Adoption: RCW 34.05.230.

Adopted under notice filed as WSR 08-04-105 on February 6, 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 11, 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: April 9, 2008.

Kathy J. Marshall
Administrator

AMENDATORY SECTION (Amending WSR 90-06-046, filed 3/2/90, effective 4/2/90)

WAC 316-85-001 Scope—Contents—Other rules. This chapter governs proceedings before the marine employees' commission relating to ~~((fact-finding))~~ a survey((s)) of compensation, benefits, and conditions of employment. This chapter does not contemplate, and does not provide procedures for, investigation and/or settlement of contested cases between parties. ~~((Therefore,))~~ Hearings held in reaching conclusions in the ~~((fact-finding))~~ salary survey required by RCW 47.64.220 are not ~~((deemed))~~ considered to be adjudicatory in nature and not governed by RCW 34.05.425 or 34.12.020 or chapter 10-08 WAC. However, ~~((insofar as))~~ where additional ~~((fact-finding))~~ salary survey findings may be requested by parties involved in dispute or impasse in accordance with RCW 47.64.220, the provisions of this chapter should be read ~~((in conjunction))~~ together with the provisions of:

(1) Chapter 316-02 WAC, which ~~((contains))~~ lists rules of practice and procedure applicable to all types of proceedings before the marine employees' commission;

(2) Chapter 316-45 WAC, which ~~((contains))~~ lists rules relating to proceedings on complaints charging unfair labor practices in the Washington state ferry system;

(3) Chapter 316-55 WAC, which ~~((contains))~~ lists rules relating to the resolution of impasses occurring in ferry system collective bargaining; and

(4) Chapter 316-65 WAC, which ~~((contains))~~ lists rules relating to arbitration of grievance disputes arising out of the interpretation or application of a collective bargaining agreement in the Washington state ferry system.

AMENDATORY SECTION (Amending WSR 90-06-046, filed 3/2/90, effective 4/2/90)

WAC 316-85-010 Policy—Purpose. Prior to collective bargaining between the Washington state ferry system and the ferry employee organizations, the commission shall conduct ~~((certain fact-finding))~~ a survey((s)) as ~~((hereinafter))~~ described in this chapter. ~~((Such))~~ This survey((s)) shall be used to guide generally but not to define or limit collective bargaining between the parties.

AMENDATORY SECTION (Amending WSR 01-01-124, filed 12/19/00, effective 1/19/01)

WAC 316-85-020 ((Fact-finding)) Salary survey((s))—Content—Coverage. In conducting its prebargaining survey, and publishing the findings, the commission shall make comparisons of wages, hours, employee benefits, and conditions of employment of Washington state ferry employees with those of public and private sector employees doing directly comparable but not necessarily identical work. In making its comparisons between and among employers, the commission shall recognize the principle that the greater the degree of comparability between work requirements and conditions of employment, the greater will be the validity of comparisons of wages and employee benefits. The commission shall give consideration to factors peculiar to the area and the classifications involved.

In determining the scope of the survey and in selecting the ferry systems or other employers to be included in the survey, the commission shall consider the size, tonnage, and horsepower of the vessels operated by the Washington state ferry system and by the employers to be included in the survey. The commission shall not include those classifications of employees exempted ~~((pursuant to))~~ as outlined in RCW 41.06.079.

Except as provided in the following subsection of this section, salary and employee benefit information collected from private employers that identifies a specific employer with the salary and employee benefit rates which that employer pays to its employees is not subject to public disclosure under chapter ~~((42-17))~~ 42.56 RCW.

A person or entity, having reason to believe that the salary survey results are inaccurate, may submit a petition to the state auditor requesting an audit of the data ~~((upon))~~ on which the salary survey results are based. The state auditor shall review and analyze all data collected for the salary survey, including proprietary information, but is prohibited from disclosing the salary survey data to any other person or entity, except by court order.

AMENDATORY SECTION (Amending WSR 90-06-046, filed 3/2/90, effective 4/2/90)

WAC 316-85-030 ((Fact-finding)) Salary survey((s))—Geographic limits. The commission shall limit its prebargaining ((~~fact-finding~~)) salary survey((s)) to ferry systems and other employers located in states along the west coast, including Alaska, and in British Columbia.

AMENDATORY SECTION (Amending WSR 90-06-046, filed 3/2/90, effective 4/2/90)

WAC 316-85-040 ((Fact-finding)) Salary survey((s))—Timing. (1) ((~~No later than September 10 of each even-numbered~~)) In the fall of each odd-numbered year the commission shall notify the department of transportation and the ferry employee organizations that the commission is starting ((~~a fact-finding~~)) the salary survey required by RCW 47.64.220.

(2) No later than ((~~the following~~)) October 1 of each odd-numbered year, the department and the ferry employee organizations shall each inform the commission of any particular personnel positions or classifications which may be expected to receive extraordinary attention during the next renewal of agreements.

AMENDATORY SECTION (Amending WSR 90-06-046, filed 3/2/90, effective 4/2/90)

WAC 316-85-050 Washington state ferry system employee data required. ((~~In order~~)) To assure maximum effectiveness and minimal error in its ((~~fact-finding~~)) salary survey((s)), no later than October 1 of each ((~~even-numbered~~)) odd-numbered year, the department shall also provide the commission with the following data:

(1) A complete and current set of specifications for each position classification occupied by ferry employees except those exempted ((~~pursuant to~~)) as outlined in RCW 41.06.-079. Each classification specification shall include as a minimum:

- (a) Classification title;
 - (b) General definition;
 - (c) Typical duties and responsibilities;
 - (d) Special or extraordinary but recurring conditions of employment, if any;
 - (e) Direction/supervision received;
 - (i) Degree of closeness and frequency;
 - (ii) Source of direction/supervision;
 - (f) Direction/supervision exercised;
 - (i) Over which classifications;
 - (ii) Number(s) of personnel;
 - (g) Minimum requirements for initial appointment;
 - (i) Licensure or certificate;
 - (ii) Education;
 - (iii) Work experience;
 - (h) Additional desirable qualifications, knowledge abilities;
- (2) Wages/salaries currently paid to personnel described in foregoing specifications for regular hours worked;
- (3) Current premium pay;
- (a) Overtime;

- (b) Other irregular hours;
- (c) Hazards;
- (4) Employee benefits currently paid or furnished by the department and, where appropriate, the proportion paid by the employee by payroll deduction or by reduction of compensation ((~~pursuant to~~)) as outlined in RCW 47.64.270.

AMENDATORY SECTION (Amending WSR 90-06-046, filed 3/2/90, effective 4/2/90)

WAC 316-85-060 ((Fact-finding)) Salary survey—Conduct. (1) After receiving the information required in WAC 316-85-040(2) and 316-85-050, the commission shall make inquiry of other ferry systems and other employers by U.S. mail ((~~or in person~~)), by voice mail, electronically, by facsimile, or in person. The commission shall then conduct ((~~such~~)) field audits or desk audits ((~~as~~)) deemed necessary for valid comparisons((-)) and analyze the accumulated salary and benefit data ((~~thus accumulated~~)).

(2) In conducting its survey and in analyzing its data, the commission shall consider factors ((~~peculiar~~)) unique to the areas from which the data were accumulated ((~~pursuant to~~)) as outlined in RCW 47.64.220 ((~~and 47.64.240 (9)(b)~~)) and WAC 316-85-020, including but not limited to:

- (a) Comparison of rates of monetary exchange;
- (b) Differential costs of living in each area compared with the Seattle cost of living index, and employer compensation therefor, if any;
- (c) The cost effect of universal health care coverage provided by British Columbia or a state, if any, as compared with the fee for service and/or health maintenance organization health care coverage provided by the state of Washington.

(3) The commission shall not include in its survey any employer who is involved in a strike or lockout or whose wage-benefit package is indeterminate for any other known reason.

(4) ((~~No later than December 15~~)) At the December public commission meeting, the commission shall compile a preliminary draft of findings regarding wages, employee benefits, and other compensation being paid to other employees as compared with wages, employee benefits, and other compensation being paid by the Washington state ferry system. The preliminary draft of findings shall be distributed to the department and to the ferry employee organizations.

AMENDATORY SECTION (Amending WSR 90-06-046, filed 3/2/90, effective 4/2/90)

WAC 316-85-070 ((Fact-finding)) Preliminary salary survey findings—((Hearings)) Public review. (1) ((~~No later than January 10 of~~)) At the January public commission meeting each ((~~odd-numbered~~)) even-numbered year, the commission shall conduct a public review of its preliminary survey findings, after soliciting comments and suggestions for improvement of validity of ((~~said~~)) the preliminary survey findings from the department and from the ferry employee organizations.

(2) The commission shall immediately ((~~thereafter~~)) investigate and/or reanalyze all comments and questions raised by the department or ferry employee organizations. If necessary to resolve doubts raised about validity, the com-

mission shall perform (~~such~~) additional field or desk audits as may be necessary and feasible.

AMENDATORY SECTION (Amending WSR 90-06-046, filed 3/2/90, effective 4/2/90)

WAC 316-85-080 (~~(Fact-finding)~~) Salary survey—Final report. (~~No later than March 1 of each odd-numbered year, the commission shall publish and distribute to all parties its final prebargaining fact-finding survey report.~~) At the February public commission meeting each even-numbered year, the final report will be presented by the commission for commission approval.

The final report shall be published and distributed to all parties within one month of approval of the final salary survey report.

AMENDATORY SECTION (Amending WSR 90-06-046, filed 3/2/90, effective 4/2/90)

WAC 316-85-090 Additional (~~(fact)~~) salary survey findings. In addition to the prebargaining survey(~~(s)~~) described in this chapter, the commission shall make such other findings (~~(of fact)~~) as the parties may request during bargaining or impasse.

AMENDATORY SECTION (Amending WSR 90-06-046, filed 3/2/90, effective 4/2/90)

WAC 316-85-100 (~~(Fact-finding)~~) Salary survey report(~~(s)~~)—Public documents. All (~~(fact-finding)~~) salary survey reports issued by the commission shall be in writing and shall be public documents.

WSR 08-09-120

PERMANENT RULES

DEPARTMENT OF

LABOR AND INDUSTRIES

[Filed April 22, 2008, 9:32 a.m., effective July 1, 2008]

Effective Date of Rule: July 1, 2008.

Purpose: Medical aid rules—Massage therapy maximum daily fees, WAC 296-23-250. The purpose of the rule is to update the department's payment rates for health care services by: Setting the maximum daily payment level for massage therapy services to 75% of the PT/OT cap.

Citation of Existing Rules Affected by this Order: Amending WAC 296-23-250.

Statutory Authority for Adoption: RCW 51.04.020(1) and 51.04.030.

Adopted under notice filed as WSR 08-05-103 on February 19, 2008.

Changes Other than Editing from Proposed to Adopted Version: Added language to specify the PT and OT WACs containing the maximum daily payments.

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 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 1, Repealed 0.

Date Adopted: April 22, 2008.

Judy Schurke

Director

AMENDATORY SECTION (Amending WSR 05-18-030, filed 8/30/05, effective 10/1/05)

WAC 296-23-250 Massage therapy rules. Practitioners should refer to WAC 296-20-010 through 296-20-125 for general information and rules pertaining to the care of workers. See WAC 296-20-125 for billing instructions.

Refer to WAC 296-20-132 and 296-20-135 for information regarding use of the conversion factors.

Massage therapy treatment will be permitted when given by a licensed massage practitioner only upon written orders from the worker's attending doctor. In addition, physician assistants may order massage therapy under these rules for the attending doctor.

A progress report must be submitted to the attending doctor and the department or the self-insurer following six treatment visits or one month, whichever comes first. Massage therapy treatment beyond the initial six treatments will be authorized only upon substantiation of improvement in the worker's condition in terms of functional modalities, i.e., range of motion; sitting and standing tolerance; reduction in medication; etc. In addition, an outline of the proposed treatment program, the expected restoration goals, and the expected length of treatment will be required.

Massage therapy in the home and/or places other than the practitioners usual and customary business facilities will be allowed only upon prior justification and authorization by the department or self-insurer.

No inpatient massage therapy treatment will be allowed when such treatment constitutes the only or major treatment received by the worker. See WAC 296-20-030 for further information.

Massage therapy treatments exceeding once per day must be justified by attending doctor.

Maximum daily reimbursement levels for massage therapy are seventy-five percent of the maximum daily reimbursement levels for physical and occupational therapy services that may be found in WAC 296-23-220 and 296-23-230.

Billing codes, reimbursement levels, and supporting policies for massage therapy services are listed in the fee schedules.

WSR 08-09-121
PERMANENT RULES
DEPARTMENT OF
LABOR AND INDUSTRIES

[Filed April 22, 2008, 9:34 a.m., effective July 1, 2008]

Effective Date of Rule: July 1, 2008.

Purpose: Medical aid rules—Conversion factors and maximum daily fees, WAC 296-20-135, 296-23-220 and 296-23-230, medical aid updates regarding rate setting for most professional health care services for injured workers. Rule changes are necessary to update our payment rates for health care services, which are published annually in the medical aid rules and fee schedules.

Citation of Existing Rules Affected by this Order: Amending WAC 296-20-135, 296-23-220, and 296-23-230.

Statutory Authority for Adoption: RCW 51.04.020(1) and 51.04.030.

Adopted under notice filed as WSR 08-05-108 on February 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 3, 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: April 22, 2008.

Judy Schurke
 Director

AMENDATORY SECTION (Amending WSR 07-10-082, filed 5/1/07, effective 7/1/07)

WAC 296-20-135 Conversion factors. (1) Conversion factors are used to calculate payment levels for services reimbursed under the Washington resource based relative value scale (RBRVS), and for anesthesia services payable with base and time units.

(2) **Washington RBRVS** services have a conversion factor of ~~\$(56.38)~~ 61.53. The fee schedules list the reimbursement levels for these services.

(3) **Anesthesia services** that are paid with base and time units have a conversion factor of ~~\$(3.08)~~ 3.19 per minute, which is equivalent to ~~\$(46.20)~~ 47.85 per 15 minutes. The base units and payment policies can be found in the fee schedules.

AMENDATORY SECTION (Amending WSR 07-10-082, filed 5/1/07, effective 7/1/07)

WAC 296-23-220 Physical therapy rules. Practitioners should refer to WAC 296-20-010 through 296-20-125 for general information and rules pertaining to the care of workers.

Refer to WAC 296-20-132 and 296-20-135 regarding the use of conversion factors.

All supplies and materials must be billed using HCPCS Level II codes. Refer to chapter 296-21 WAC for additional information. HCPCS codes are listed in the fee schedules.

Refer to chapter 296-20 WAC (WAC 296-20-125) and to the department's billing instructions for additional information.

Physical therapy treatment will be reimbursed only when ordered by the worker's attending doctor and rendered by a licensed physical therapist or a physical therapist assistant serving under the direction of a licensed physical therapist. In addition, physician assistants may order physical therapy under these rules for the attending doctor. Doctors rendering physical therapy should refer to WAC 296-21-290.

The department or self-insurer will review the quality and medical necessity of physical therapy services provided to workers. Practitioners should refer to WAC 296-20-01002 for the department's rules regarding medical necessity and to WAC 296-20-024 for the department's rules regarding utilization review and quality assurance.

The department or self-insurer will pay for a maximum of one physical therapy visit per day. When multiple treatments (different billing codes) are performed on one day, the department or self-insurer will pay either the sum of the individual fee maximums, the provider's usual and customary charge, or ~~\$(43.84)~~ 118.07 whichever is less. These limits will not apply to physical therapy that is rendered as part of a physical capacities evaluation, work hardening program, or pain management program, provided a qualified representative of the department or self-insurer has authorized the service.

The department will publish specific billing instructions, utilization review guidelines, and reporting requirements for physical therapists who render care to workers.

Use of diapulse or similar machines on workers is not authorized. See WAC 296-20-03002 for further information.

A physical therapy progress report must be submitted to the attending doctor and the department or the self-insurer following twelve treatment visits or one month, whichever occurs first. Physical therapy treatment beyond initial twelve treatments will be authorized only upon substantiation of improvement in the worker's condition. An outline of the proposed treatment program, the expected restoration goals, and the expected length of treatment will be required.

Physical therapy services rendered in the home and/or places other than the practitioner's usual and customary office, clinic, or business facilities will be allowed only upon prior authorization by the department or self-insurer.

No inpatient physical therapy treatment will be allowed when such treatment constitutes the only or major treatment received by the worker. See WAC 296-20-030 for further information.

The department may discount maximum fees for treatment performed on a group basis in cases where the treatment provided consists of a nonindividualized course of therapy (e.g., pool therapy; group aerobics; and back classes).

Biofeedback treatment may be rendered on doctor's orders only. The extent of biofeedback treatment is limited to those procedures allowed within the scope of practice of a licensed physical therapist. See chapter 296-21 WAC for rules pertaining to conditions authorized and report requirements.

Billing codes and reimbursement levels are listed in the fee schedules.

AMENDATORY SECTION (Amending WSR 07-10-082, filed 5/1/07, effective 7/1/07)

WAC 296-23-230 Occupational therapy rules. Practitioners should refer to WAC 296-20-010 through 296-20-125 for general information and rules pertaining to the care of workers.

Refer to WAC 296-20-132 and 296-20-135 for information regarding the conversion factors.

All supplies and materials must be billed using HCPCS Level II codes, refer to the department's billing instructions for additional information.

Occupational therapy treatment will be reimbursed only when ordered by the worker's attending doctor and rendered by a licensed occupational therapist or an occupational therapist assistant serving under the direction of a licensed occupational therapist. In addition, physician assistants may order occupational therapy under these rules for the attending doctor. Vocational counselors assigned to injured workers by the department or self-insurer may request an occupational therapy evaluation. However, occupational therapy treatment must be ordered by the worker's attending doctor or by the physician assistant.

An occupational therapy progress report must be submitted to the attending doctor and the department or self-insurer following twelve treatment visits or one month, whichever occurs first. Occupational therapy treatment beyond the initial twelve treatments will be authorized only upon substantiation of improvement in the worker's condition. An outline of the proposed treatment program, the expected restoration goals, and the expected length of treatment will be required.

The department or self-insurer will review the quality and medical necessity of occupational therapy services. Practitioners should refer to WAC 296-20-01002 for the department's definition of medically necessary and to WAC 296-20-024 for the department's rules regarding utilization review and quality assurance.

The department will pay for a maximum of one occupational therapy visit per day. When multiple treatments (different billing codes) are performed on one day, the department or self-insurer will pay either the sum of the individual fee maximums, the provider's usual and customary charge, or ~~\$(+13.84)~~ 118.07 whichever is less. These limits will not apply to occupational therapy which is rendered as part of a physical capacities evaluation, work hardening program, or pain management program, provided a qualified representa-

tive of the department or self-insurer has authorized the service.

The department will publish specific billing instructions, utilization review guidelines, and reporting requirements for occupational therapists who render care to workers.

Occupational therapy services rendered in the worker's home and/or places other than the practitioner's usual and customary office, clinic, or business facility will be allowed only upon prior authorization by the department or self-insurer.

No inpatient occupational therapy treatment will be allowed when such treatment constitutes the only or major treatment received by the worker. See WAC 296-20-030 for further information.

The department may discount maximum fees for treatment performed on a group basis in cases where the treatment provided consists of a nonindividualized course of therapy (e.g., pool therapy; group aerobics; and back classes).

Billing codes, reimbursement levels, and supporting policies for occupational therapy services are listed in the fee schedules.