

# Title 508 WAC

## ECOLOGY--WATER RESOURCES

### Chapters

- 508-12** Administration of surface and ground water codes.
- 508-14** Columbia Basin project--Ground waters.
- 508-64** Measuring devices for water diversion and withdrawal facilities.

### DISPOSITION OF CHAPTERS FORMERLY CODIFIED IN THIS TITLE

#### Chapter 508-02

### DEPARTMENTAL COURSE AND OPERATION--INFORMATION AVAILABLE TO PUBLIC

- 508-02-010** General description of course and operation of department--How public may obtain information from the department. [Order 67-12, filed 1/2/68.] Repealed by 78-02-041 (Order DE 77-35), filed 1/17/78. Statutory Authority: RCW 42.17.250 - 42.17.340.

#### Chapter 508-04

### DELEGATION OF POWERS, DUTIES AND FUNCTIONS

- 508-04-010** Delegation of powers, duties and functions vested in the department of water resources. [Order 67-11, § 508-04-010, filed 1/2/68.] Repealed by Order 69-10, filed 12/10/69.

#### Chapter 508-08

### PRACTICE AND PROCEDURE

- 508-08-010,** 508-08-050, 508-08-060, 508-08-070, 508-08-080, 508-08-090, 508-08-100, 508-08-110, 508-08-120, 508-08-130, 508-08-140, 508-08-370, 508-08-380, 508-08-390, 508-08-400, 508-08-410, 508-08-420, 508-08-430, 508-08-440, 508-08-450, 508-08-460, 508-08-470, 508-08-480, 508-08-490, 508-08-500, 508-08-510, 508-08-520, 508-08-530, 508-08-540, 508-08-550, 508-08-560, 508-08-570, 508-08-580, and 508-08-590. [Rule .08.010 thru .08.590, filed 3/23/60 and 8/30/60.] Rules with the dates 3/23/60 and 8/30/60 are rules filed by the then existing department of conservation. Section 19, chapter 242, Laws of 1967 (RCW 43.27A.170) effected the application of these rules to the newly created department of water resources. Repealed by Order DE 71-14, filed 9/3/71 by the department of ecology.

#### Chapter 508-20

### WEATHER MODIFICATION RULES

- 508-20-010** Copy of contract with client must be filed with application. [Rule 1, filed 3/23/60.] Repealed by Order DE 71-13, filed 9/8/71.
- 508-20-020** Board will notify Washington State University and the county agent when permit is issued. [Rule 2, filed 3/23/60.] Repealed by Order DE 77-29, filed 12/29/77 by the department of ecology. Later promulgation, see chapter 173-495 WAC.
- 508-20-030** Permittee's report of operations. [Rule 3, filed 3/23/60.] Repealed by Order DE 77-29, filed 12/29/77 by the department of ecology. Later promulgation, see chapter 173-495 WAC.

- 508-20-040** Board may modify or terminate permits. [Resolution No. 65-1, Regulation 110, filed 2/19/65.] Repealed by Order DE 77-29, filed 12/29/77 by the department of ecology. Later promulgation, see chapter 173-495 WAC.
- 508-20-050** Exempt activities. [Resolution No. 65-2, Regulation .090, filed 2/19/65.] Repealed by Order DE 77-29, filed 12/29/77 by the department of ecology. Later promulgation, see chapter 173-495 WAC.
- 508-20-060** Exempt activities--Olympic Mountains research project. [Resolution No. 65-5, filed 11/23/65.] Repealed by Order DE 77-29, filed 12/29/77 by the department of ecology. Later promulgation, see chapter 173-495 WAC.
- 508-20-070** Qualifications of licensees--Restricted license, fog dispersal at airports. [Resolution No. 65-3, Regulation No. .100, filed 2/19/65.] Repealed by Order DE 77-29, filed 12/29/77 by the department of ecology. Later promulgation, see chapter 173-495 WAC.
- 508-20-080** Use of dry ice for fog dispersal over public airports. [Docket 67-7 regulation, filed 11/1/67.] Repealed by Order DE 77-29, filed 12/29/77 by the department of ecology. Later promulgation, see chapter 173-495 WAC.

#### Chapter 508-52

### PROCEDURE TO ESTABLISH A METHOD WHEREBY AN AGGRIEVED PERSON MAY REQUEST A HEARING FROM THE DEPARTMENT OF WATER RESOURCES

- 508-52-010** Purpose. [Order 68-6, § 508-52-010, filed 8/13/68, effective 9/13/68.] Repealed by 80-01-023 (Order DE 79-30), filed 12/14/79. Statutory Authority: RCW 43.21A.080 and 43.27A.090(11).
- 508-52-020** Hearing request. [Order 68-6, § 508-52-020, filed 8/13/68, effective 9/13/68.] Repealed by 80-01-023 (Order DE 79-30), filed 12/14/79. Statutory Authority: RCW 43.21A.080 and 43.27A.090(11).
- 508-52-030** Computation of time. [Order 68-6, § 508-52-030, filed 8/13/68, effective 9/13/68.] Repealed by 80-01-023 (Order DE 79-30), filed 12/14/79. Statutory Authority: RCW 43.21A.080 and 43.27A.090(11).
- 508-52-040** Staying of orders. [Order 68-6, § 508-52-040, filed 8/13/68, effective 9/13/68.] Repealed by 80-01-023 (Order DE 79-30), filed 12/14/79. Statutory Authority: RCW 43.21A.080 and 43.27A.090(11).
- 508-52-050** Appeal of orders. [Order 68-6, § 508-52-050, filed 8/13/68, effective 9/13/68.] Repealed by 80-01-023 (Order DE 79-30), filed 12/14/79. Statutory Authority: RCW 43.21A.080 and 43.27A.090(11).
- 508-52-060** Intervention. [Order 68-6, § 508-52-060, filed 8/13/68, effective 9/13/68.] Repealed by 80-01-023 (Order DE 79-30), filed 12/14/79. Statutory Authority: RCW 43.21A.080 and 43.27A.090(11).

#### Chapter 508-56

### POLICY RELATING TO THE IMPLEMENTATION OF THE WATER RIGHTS REGISTRATION ACT

- 508-56-010** Background. [Order 68-8, § 508-56-010, filed 9/9/68, effective 10/10/68.] Repealed by Order 70-5, filed 4/10/70.
- 508-56-020** Statement of position and policy. [Order 68-8, § 508-56-020, filed 9/9/68, effective 10/10/68.] Repealed by Order 70-5, filed 4/10/70.

## Chapter 508-60

## ADMINISTRATION OF FLOOD CONTROL ZONES

- 508-60-005 Regulatory control over all waters. [Regulation, filed 3/23/60.] Repealed by 90-21-089, filed 10/19/90, effective 11/19/90. Statutory Authority: RCW 86.16.061.
- 508-60-008 Exemptions. [Statutory Authority: Chapter 86.16 RCW. 87-05-034 (Order 86-40), § 508-60-008, filed 2/17/87.] Repealed by 90-21-089, filed 10/19/90, effective 11/19/90. Statutory Authority: RCW 86.16.061.
- 508-60-010 Definitions. [Order DE 74-10, § 508-60-010, filed 6/17/74; Order 68-9, § 508-60-010, filed 2/28/69.] Repealed by 90-21-089, filed 10/19/90, effective 11/19/90. Statutory Authority: RCW 86.16.061.
- 508-60-020 Purpose. [Order 68-9, § 508-60-020, filed 2/28/69.] Repealed by 90-21-089, filed 10/19/90, effective 11/19/90. Statutory Authority: RCW 86.16.061.
- 508-60-030 Determination of floodway and floodway fringe. [Order DE 74-10, § 508-60-030, filed 6/17/74; Order 68-9, § 508-60-030, filed 2/28/69.] Repealed by 90-21-089, filed 10/19/90, effective 11/19/90. Statutory Authority: RCW 86.16.061.
- 508-60-040 Flood channel and floodway usage. [Statutory Authority: RCW 86.16.027. 79-12-049 (Order DE 79-25), § 508-60-040, filed 11/26/79; Order DE 74-10, § 508-60-040, filed 6/17/74; Order 68-9, § 508-60-040, filed 2/28/69.] Repealed by 90-21-089, filed 10/19/90, effective 11/19/90. Statutory Authority: RCW 86.16.061.
- 508-60-050 Floodway fringe construction. [Order DE 74-10, § 508-60-050, filed 6/17/74; Order 68-9, § 508-60-050, filed 2/28/69.] Repealed by 90-21-089, filed 10/19/90, effective 11/19/90. Statutory Authority: RCW 86.16.061.
- 508-60-060 Flood proofing of floodway and floodway fringe structures and works. [Order DE 74-10, § 508-60-060, filed 6/17/74; Order 68-9, § 508-60-060, filed 2/28/69.] Repealed by 90-21-089, filed 10/19/90, effective 11/19/90. Statutory Authority: RCW 86.16.061.
- 508-60-070 Flow of flood water. [Order DE 74-10, § 508-60-070, filed 6/17/74; Order 68-9, § 508-60-070, filed 2/28/69.] Repealed by 90-21-089, filed 10/19/90, effective 11/19/90. Statutory Authority: RCW 86.16.061.
- 508-60-080 Decision of the department. [Order DE 74-10, § 508-60-080, filed 6/17/74; Order 68-9, § 508-60-080, filed 2/28/69.] Repealed by 90-21-089, filed 10/19/90, effective 11/19/90. Statutory Authority: RCW 86.16.061.

## Chapter 508-68

## IN THE MATTER OF ADOPTING A PERMANENT REGULATION RELATING TO THE DELEGATION OF THE POWERS, DUTIES AND FUNCTIONS BY THE DIRECTOR OF THE DEPARTMENT OF WATER RESOURCES

- 508-68-010, 508-68-020, 508-68-030, 508-68-040, 508-68-050, and 508-68-060. [Order 69-10, § 508-68-010 thru 508-68-060, filed 12/10/69.] Repealed by Order DE 71-13, filed 9/8/71 by the department of ecology.

## Chapter 508-78

## EXEMPTION OF THE UNITED STATES AIR FORCE FROM THE PROVISIONS OF RCW 43.37.080, 43.37.100, 43.37.110 AND 43.37.150 WHILE UNDERTAKING WEATHER MODIFICATION AND CONTROL ACTIVITIES AT AIR FORCE BASES IN THE STATE OF WASHINGTON DESIGNED TO DISPERSE SUPERCOOLED FOGS

- 508-78-010 Exemption of certain air force weather modification experiments. [Order DWR 69-19, § 508-78-010, filed 10/1/69.] Repealed by Order DWR 69-19, filed 10/1/69, with an expiration date of 10/1/70.

- 508-78-020 Report required. [Order DWR 69-19, § 508-78-020, filed 10/1/69.] Repealed by Order DWR 69-19, filed 10/1/69, with an expiration date of 10/1/70.

## Chapter 508-86

## REGISTRATION OF WATER RIGHT CLAIMS

- 508-86-010 Purpose. [Order 70-5, § 508-86-010, filed 4/10/70.] Repealed by 79-12-011 (Order DE 79-22), filed 11/13/79. Statutory Authority: RCW 90.14.230.
- 508-86-020 Water right claim. [Order 70-5, § 508-86-020, filed 4/10/70.] Repealed by 79-12-011 (Order DE 79-22), filed 11/13/79. Statutory Authority: RCW 90.14.230.
- 508-86-990 Appendix A—Form—Water right claim form. Repealed by 79-12-011 (Order DE 79-22), filed 11/13/79. Statutory Authority: RCW 90.14.230.

## Chapter 508-12 WAC

## ADMINISTRATION OF SURFACE AND GROUND WATER CODES

## WAC

- 508-12-010 Regulation of water right diversions—Personnel.
- 508-12-020 Regulation of water right diversions—Regulation of unincorporated partnership ditches.
- 508-12-030 Regulation of water right diversions—Controlling works—Measuring devices.
- 508-12-040 Regulation of water right diversions—Controlling works—Headgates.
- 508-12-050 Regulation of water right diversions—Closure of diversions.
- 508-12-060 Regulation of water right diversions—Penalty for opening.
- 508-12-080 Determination of existing rights to the use of water.
- 508-12-090 Surface water appropriation procedure—Rights of way.
- 508-12-100 Surface water appropriation procedure—Applications for permit—Forms.
- 508-12-110 Surface water appropriation procedure—Number of applications.
- 508-12-120 Surface water appropriation procedure—Maps or sketches.
- 508-12-130 Surface water appropriation procedure—Applications filed by nonowners.
- 508-12-140 Surface water appropriation procedure—Priority of application.
- 508-12-150 Surface water appropriation procedure—Affidavit of publication of notice.
- 508-12-160 Surface water appropriation procedure—No action on permits allowable prior to 30 days after last publication.
- 508-12-170 Surface water appropriation procedure—Protests or objections.
- 508-12-180 Surface water appropriation procedure—Amendments or transfers.
- 508-12-190 Surface water appropriation procedure—Amendments as to source, quantity, etc.
- 508-12-200 Surface water appropriation procedure—Division of land ownership before certificate issued.
- 508-12-210 Surface water appropriation procedure—Seasonal permits.
- 508-12-220 Ground water appropriation procedure—Applicability of foregoing rules.
- 508-12-230 Ground water appropriation procedure—Relative rights—Ground and surface water appropriators.
- 508-12-240 Ground water appropriation procedure—Where proposed construction is near surface water supply.
- 508-12-250 Ground water appropriation procedure—Where wells penetrate artesian water zones.
- 508-12-260 Reservoir permits—Where required.
- 508-12-270 Reservoir permits—Limits on filling.
- 508-12-280 Storage dams—Construction permit.
- 508-12-290 Storage dams—Cost of expert opinion.

508-12-300	Storage dams—Plan examination and construction inspection fees—Authority.
508-12-310	Storage dams—Plan examination and construction inspection fees—Purpose.
508-12-320	Storage dams—Plan examination and construction inspection fees—Applicability.
508-12-330	Storage dams—Plan examination and construction inspection fees—Definitions.
508-12-340	Storage dams—Plan examination and construction inspection fees—New project fees.
508-12-350	Storage dams—Plan examination and construction inspection fees—Project modification fees.
508-12-360	Storage dams—Plan examination and construction inspection fees—Maintenance.
508-12-370	Storage dams—Plan examination and construction inspection fees—Fee payment.
508-12-380	Storage dams—Plan examination and construction inspection fees—Effective date.
508-12-390	Enforcement.
508-12-400	Appeals.
508-12-410	Regulation review.

#### DISPOSITION OF SECTIONS FORMERLY CODIFIED IN THIS CHAPTER

508-12-070	Regulation of water right diversions—Objections to regulations or orders—Appeals. [Rule 7, filed 3/23/60. Formerly WAC 134-12-070.] Repealed by 88-13-037 (Order 88-11), filed 6/9/88. Statutory Authority: Chapter 43.27A RCW.
------------	---

**Reviser's note:** Surface and ground water rules bearing history notes with filing dates of 3/23/60 or 8/30/60 are rules filed by the then existing department of conservation. Sections 8 and 19, chapter 242, Laws of 1967 (RCW 43.27A.080 and 43.27A.170) affected the application of these rules to the department of water resources.

**WAC 508-12-010 Regulation of water right diversions—Personnel.** Regulation and control of waters according to rights thereto, shall be made through watermasters and stream patrolmen, or a staff member of the department of ecology. Chapter 90.08 RCW and RCW 43.21.130.

[Statutory Authority: Chapter 43.27A RCW. 88-13-037 (Order 88-11), § 508-12-010, filed 6/9/88; Rule 1, filed 3/23/60. Formerly WAC 134-12-010.]

**WAC 508-12-020 Regulation of water right diversions—Regulation of unincorporated partnership ditches.** Watermasters shall not attempt to regulate water beyond the points of diversion from the natural stream on unincorporated partnership ditches. Such regulations may be carried on by ditch patrolmen as outlined under RCW 90.03.440. When approved by the department of ecology and water users a district watermaster may serve as a stream or ditch patrolman.

[Statutory Authority: Chapter 43.27A RCW. 88-13-037 (Order 88-11), § 508-12-020, filed 6/9/88; Rule 2, filed 3/23/60. Formerly WAC 134-12-020.]

**WAC 508-12-030 Regulation of water right diversions—Controlling works—Measuring devices.** Where controlling works or measuring devices are not installed or maintained to the satisfaction of the department of ecology, proper notice shall be given to the owner to install or repair such controlling works or measuring device. This notice shall allow not less than ten days time to make necessary repairs or installations. In the event the work outlined in the notice is not completed in the specified time, the diversion shall be closed to further

flow of water, until such time as the notice has been fully complied with.

[Statutory Authority: Chapter 43.27A RCW. 88-13-037 (Order 88-11), § 508-12-030, filed 6/9/88; Rule 3, filed 3/23/60. Formerly WAC 134-12-030.]

**WAC 508-12-040 Regulation of water right diversions—Controlling works—Headgates.** Controlling works or headgates shall be so constructed that they can be regulated and locked in place by the watermaster or stream patrolman.

[Rule 4, filed 3/23/60. Formerly WAC 134-12-040.]

**WAC 508-12-050 Regulation of water right diversions—Closure of diversions.** The watermaster or a representative of the department of ecology, shall close such diversions for noncompliance by issuing an order.

[Statutory Authority: Chapter 43.27A RCW. 88-13-037 (Order 88-11), § 508-12-050, filed 6/9/88; Rule 5, filed 3/23/60. Formerly WAC 134-12-050.]

**WAC 508-12-060 Regulation of water right diversions—Penalty for opening.** Any water user opening a diversion after it has been closed or posted, under the above rules, shall be guilty of a misdemeanor under chapter 90.03 RCW.

[Statutory Authority: Chapter 43.27A RCW. 88-13-037 (Order 88-11), § 508-12-060, filed 6/9/88; Rule 6, filed 3/23/60. Formerly WAC 134-12-060.]

**WAC 508-12-080 Determination of existing rights to the use of water.** Upon the filing of a petition by one or more persons requesting the rights to the use of the waters of a stream or other source of water, the department of ecology shall conduct a reconnaissance survey for the purpose of determining whether or not the interests of the public can best be served by the adjudication of the individual rights thus involved. If an adjudication proceeding is instigated, the department of ecology shall determine the description of lands to be included as well as the record ownerships. Each owner and interested party will be made a party to the proceedings and a lis pendens will be filed with the county auditor. (RCW 90.03.110 and 90.03.120.)

[Statutory Authority: Chapter 43.27A RCW. 88-13-037 (Order 88-11), § 508-12-080, filed 6/9/88; Rule 8, filed 3/23/60. Formerly WAC 134-12-080.]

**WAC 508-12-090 Surface water appropriation procedure—Rights of way.** Permits secured through this office do not carry any right of way privileges. Right of way for diversion, storage or transmission facilities must be obtained by the permittee from the owner of the property on which such structure or ditch will be located, or by condemnation proceedings.

[Rule 9, filed 3/23/60. Formerly WAC 134-12-090.]

**WAC 508-12-100 Surface water appropriation procedure—Applications for permit—Forms.** Applications for permit to appropriate surface water shall be made on forms provided by the department of ecology. (Supplements paragraph 5, RCW 43.21.130.)

[Statutory Authority: Chapter 43.27A RCW. 88-13-037 (Order 88-11), § 508-12-100, filed 6/9/88; Rule 10, filed 3/23/60. Formerly WAC 134-12-100.]

**WAC 508-12-110 Surface water appropriation procedure--Number of applications.** It shall be the general rule that an application must be filed for each separate source of water. In special instances one application may cover more than one source of water such as, a group of springs in close relationship to each other and with no intervening property ownership; and, to divert from two or more streams whose confluence is upon lands of the applicant; and, where a common distribution system may be employed. The amount, point of diversion, and purpose of use from each source must be indicated in the application.

[Statutory Authority: Chapter 43.27A RCW. 88-13-037 (Order 88-11), § 508-12-110, filed 6/9/88; Rule 11, filed 3/23/60. Formerly WAC 134-12-110.]

**WAC 508-12-120 Surface water appropriation procedure--Maps or sketches.** A map must accompany the application showing source of supply, point of diversion, tie to a legal land corner, and general plan of the proposed development. If for irrigation, it must clearly show the lands to be irrigated. For small projects, maps or sketches prepared by the applicant on forms provided by this office will be acceptable if legible and accurate. For larger projects, maps on any reasonable scale prepared by engineers in planning the project may be required. (Supplemental to RCW 90.03.260.)

[Statutory Authority: Chapter 43.27A RCW. 88-13-037 (Order 88-11), § 508-12-120, filed 6/9/88; Rule 12, filed 3/23/60. Formerly WAC 134-12-120.]

**WAC 508-12-130 Surface water appropriation procedure--Applications filed by nonowners.** Where the applicant is other than the legal owner or part owner of the land on which the water is to be used, the application shall bear the signature and address of the legal owner in addition to the signature of the applicant. (Supplements RCW 90.20.020.)

[Rule 13, filed 3/23/60. Formerly WAC 134-12-130.]

**WAC 508-12-140 Surface water appropriation procedure--Priority of application.** The priority of an application is established as of time and date received when accompanied by initial examination fee. In the case of governmental agencies, who are required to make payment by voucher, it shall be accepted as payment of initial fee when transmitted with the application.

[Rule 14, filed 3/23/60. Formerly WAC 134-12-140.]

**WAC 508-12-150 Surface water appropriation procedure--Affidavit of publication of notice.** An affidavit of publication of the notice of water right application executed by the publisher must be filed with the department of ecology as proof of due notice to the public. (RCW 90.03.280.)

[Statutory Authority: Chapter 43.27A RCW. 88-13-037 (Order 88-11), § 508-12-150, filed 6/9/88; Rule 15, filed 3/23/60. Formerly WAC 134-12-150.]

[Title 508 WAC--p 4]

**WAC 508-12-160 Surface water appropriation procedure--No action on permits allowable prior to 30 days after last publication.** No action shall be taken toward issuance of a permit or granting a petition for change in point of diversion, purpose or place of use until 30 days after date of last publication of notice as provided in RCW 90.03.280 and 90.03.380. In all instances, RCW 90.03.470(12) shall apply.

[Statutory Authority: Chapter 43.27A RCW. 88-13-037 (Order 88-11), § 508-12-160, filed 6/9/88; Rule 16, filed 3/23/60. Formerly WAC 134-12-160.]

**WAC 508-12-170 Surface water appropriation procedure--Protests or objections.** (1) Protests or objections to granting a permit or petition for change must be submitted within the prescribed 30 day period and must include a statement of the basis for said objections.

(2) All protests or objections will be thoroughly investigated by the department of ecology which may hold a meeting among the parties for fact-finding purposes.

[Statutory Authority: Chapter 43.27A RCW. 88-13-037 (Order 88-11), § 508-12-170, filed 6/9/88; Rule 17, filed 3/23/60. Formerly WAC 134-12-170.]

**WAC 508-12-180 Surface water appropriation procedure--Amendments or transfers.** Applications for amendments or transfers shall be made on forms provided by the department of ecology. (Supplements RCW 90.03.380.)

[Statutory Authority: Chapter 43.27A RCW. 88-13-037 (Order 88-11), § 508-12-180, filed 6/9/88; Rule 18, filed 3/23/60. Formerly WAC 134-12-180.]

**WAC 508-12-190 Surface water appropriation procedure--Amendments as to source, quantity, etc.** (1) In the event an applicant or permittee should desire to amend the terms of his application or permit regarding source, quantity, point of diversion, purpose, or place of use, the procedure shall be as outlined in RCW 90.03-380 excepting that no certificate of change will issue but the amendments shall be incorporated in the terms of the permit.

(2) Amendment of a permit may be made without affecting priority, only after full consideration of the proposed changes in accordance with the provisions outlined in RCW 90.03.290.

[Statutory Authority: Chapter 43.27A RCW. 88-13-037 (Order 88-11), § 508-12-190, filed 6/9/88; Rule 19, filed 3/23/60. Formerly WAC 134-12-190.]

**WAC 508-12-200 Surface water appropriation procedure--Division of land ownership before certificate issued.** Where a permit has been issued to a person and the land to which the water right is to become appurtenant has been divided before the issuance of a water right certificate, separate certificates may be issued to each holder of land with the proper share of the water allotted, providing assignments of each share are recorded with the department of ecology. (Supplements RCW 90.03.380.)

[Statutory Authority: Chapter 43.27A RCW. 88-13-037 (Order 88-11), § 508-12-200, filed 6/9/88; Rule 20, filed 3/23/60. Formerly WAC 134-12-200.]

**WAC 508-12-210 Surface water appropriation procedure--Seasonal permits.** Seasonal permits for change of point of diversion, purpose and/or place of use of water, shall be in writing and signed by the director of the department of ecology or a duly authorized representative. (RCW 90.03.390.)

[Statutory Authority: Chapter 43.27A RCW. 88-13-037 (Order 88-11), § 508-12-210, filed 6/9/88; Rule 21, filed 3/23/60. Formerly WAC 134-12-210.]

**WAC 508-12-220 Ground water appropriation procedure--Applicability of foregoing rules.** The general application of rules numbered WAC 508-12-080 through 508-12-210 inclusive on surface water applications, shall also apply to the ground water appropriation procedure.

[Statutory Authority: Chapter 43.27A RCW. 88-13-037 (Order 88-11), § 508-12-220, filed 6/9/88; Rule 22, filed 3/23/60. Formerly WAC 134-12-220.]

**WAC 508-12-230 Ground water appropriation procedure--Relative rights--Ground and surface water appropriators.** Where controversy arises over the relative rights as between ground and surface water appropriators, the basic law of "first in time, first in right" shall apply.

[Rule 23, filed 3/23/60. Formerly WAC 134-12-230.]

**WAC 508-12-240 Ground water appropriation procedure--Where proposed construction is near surface water supply.** Where a proposed well is to be constructed near a lake, stream, or spring, which is heavily or fully appropriated, the department of ecology may specify a minimum distance between the well location and the surface water supply, or, require that the well casing be installed in such a manner as to insure a break in hydraulic continuity between the well and the shallow ground waters contributing to the surface water supply.

[Statutory Authority: Chapter 43.27A RCW. 88-13-037 (Order 88-11), § 508-12-240, filed 6/9/88; Rule 24, filed 3/23/60. Formerly WAC 134-12-240.]

**WAC 508-12-250 Ground water appropriation procedure--Where wells penetrate artesian water zones.** Wells penetrating artesian water zones: RCW 90.44.070.

(1) Wells taking water from artesian zones shall contain water-tight casings from the ground surface down through and properly sealed into the confining layer.

(2) Issuance of permits to take water from an artesian zone shall not be stopped when existing wells penetrating said artesian zone no longer flow at ground surface; rather, a reasonable seasonal lowering of the water table will be permissible to more fully utilize the reservoir capacity of the aquifer.

(3) Where the waste of water through improperly constructed wells has been found and wasting of said

water is depriving others of water to which they are entitled, or causing an unreasonable drop in the water table, or threatens permanent damage to the aquifer, the department of ecology shall direct the owner to make necessary repairs to correct the situation. (RCW 90.44.120.)

[Statutory Authority: Chapter 43.27A RCW. 88-13-037 (Order 88-11), § 508-12-250, filed 6/9/88; Rule 25, filed 3/23/60. Formerly WAC 134-12-250.]

**WAC 508-12-260 Reservoir permits--Where required.** A reservoir permit will be required whenever it is proposed to construct a barrier across a stream, channel, or water course, and which will actually retain for a beneficial use a portion of the annual runoff of the stream or water course. (For positive determination of the necessity of a reservoir permit, a reservoir shall be defined as any dam or dike storing water to a depth of 10 or more feet at its deepest point, or one that is retaining 10 or more acre-feet of water.) This will also apply to a reservoir adjacent to a stream channel when water will be required to fill the reservoir in addition to a constant diversion to keep it full.

[Rule 26, filed 3/23/60. Formerly WAC 134-12-260.]

**WAC 508-12-270 Reservoir permits--Limits on filling.** Unless otherwise specified, a reservoir permit will allow the permittee to fill the reservoir once annually and the permit shall specifically state the period during which the water may be used to fill the reservoir. If water in excess of one filling of the reservoir is required, a further application for the additional water must be filed.

[Rule 27, filed 3/23/60. Formerly WAC 134-12-270.]

**WAC 508-12-280 Storage dams--Construction permit.** RCW 90.03.350 provides that any person intending to construct a dam or controlling works for the storage of 10 acre-feet or more of water shall, before beginning construction, submit plans and specifications thereof to the department of ecology and secure his approval as to its safety.

The plans and specifications must be prepared by a properly qualified professional engineer and carry his signature and seal. They must also be submitted in duplicate such that one copy is retained in this office and the other approved and returned to the applicant. No special plans will be required unless those submitted are found to be incomplete. The minimum fee for examination and approval of plans shall be \$10.00.

[Statutory Authority: Chapter 43.27A RCW. 88-13-037 (Order 88-11), § 508-12-280, filed 6/9/88; Rule 28, filed 3/23/60. Formerly WAC 134-12-280.]

**WAC 508-12-290 Storage dams--Cost of expert opinion.** In examining and analyzing plans it may be necessary for this office to employ a specialist in dam designs, in which instance the cost shall be charged to the owner of the proposed works. (Supplements RCW 90.28.060.)

[Rule 29, filed 3/23/60. Formerly WAC 134-12-290.]

**WAC 508-12-300 Storage dams--Plan examination and construction inspection fees--Authority.** In accordance with RCW 90.03.350, any person, corporation, or association intending to construct or modify any dam or controlling works for the storage of ten acre-feet or more of water shall, before beginning said construction or modification, submit plans and specifications of the same to the department for examination and approval as to its safety. It is further required by RCW 90.03.470(9), that fees be collected by the department, in advance, for the examination of plans and specifications. The fee shall be a minimum of ten dollars or the actual cost. In addition, the department is required by RCW 43.21.130(2) to inspect the construction of all dams in order to reasonably secure safety to life and property. It is required by RCW 90.03.470(8) that fees be collected, in advance, for the actual cost of the inspection including the expense incident thereto.

[Statutory Authority: RCW 90.03.470 (8) and (9), 43.21A.080 and 43.21.130(8). 86-22-032 (Order 86-29), § 508-12-300, filed 10/31/86, effective 1/1/87.]

**WAC 508-12-310 Storage dams--Plan examination and construction inspection fees--Purpose.** It is the purpose of WAC 508-12-300 through 508-12-380 to establish an equitable fee scale, based on relative impounding structure size, that will reflect the actual cost to the department for plan and specification examination and for construction inspection.

[Statutory Authority: RCW 90.03.470 (8) and (9), 43.21A.080 and 43.21.130(8). 86-22-032 (Order 86-29), § 508-12-310, filed 10/31/86, effective 1/1/87.]

**WAC 508-12-320 Storage dams--Plan examination and construction inspection fees--Applicability.** The collection of fees for the examination of plans and specifications and for construction inspection as provided in WAC 508-12-340, 508-12-350 and 508-12-370 shall be required for all dams that are capable of impounding ten or more acre-feet of water, as determined at the maximum storage elevation of the impounding structure.

[Statutory Authority: RCW 90.03.470 (8) and (9), 43.21A.080 and 43.21.130(8). 86-22-032 (Order 86-29), § 508-12-320, filed 10/31/86, effective 1/1/87.]

**WAC 508-12-330 Storage dams--Plan examination and construction inspection fees--Definitions.** (1) "Appurtenant works" means such structures as spillways, either in the dam or separate therefrom; the reservoir and its rim; low-level outlet works; and water conduits such as tunnels, pipelines, or penstocks, either through the dam or its abutments.

(2) "Crest length" means the total horizontal distance measured along the axis of the dam, at the elevation of the top of the dam, between abutments or ends of the dam. Where applicable, this includes the spillway, powerhouse sections and navigation locks, where they form a continuous part of the impounding structure.

(3) "Dam" means any artificial or combined artificial and natural barrier or controlling works, together with appurtenant works which can or does impound or divert water.

(4) "Dam abutment" means that contact location at either end and beneath the flanks of a dam where the artificial barrier joins or faces against the natural earth or rock foundation material upon which the dam is constructed.

(5) "Dam height" means the effective hydraulic height of a dam as measured by the vertical distance from the natural bed of the stream or watercourse at the downstream toe of the barrier to the maximum storage elevation. If the dam is not across a stream or watercourse, the height is measured from the lowest elevation of the outside limit of the barrier to the maximum storage elevation.

(6) "Department" means the department of ecology.

(7) "Enlargement" means any modification of a project that will result in an increase in reservoir capacity and/or dam height.

(8) "Impounding structure" means a dam and those other appurtenant works, including where applicable, the spillway, powerhouse sections and navigation locks, that are able to retain water.

(9) "Maintenance" means those tasks generally accepted as routine in keeping the project and appurtenant works in a serviceable condition.

(10) "Maximum storage elevation" means the maximum attainable water surface elevation of the reservoir pool impounded by a dam. This elevation normally corresponds to the crest elevation of the dam.

(11) "Modification" means any structural alteration of a dam, its reservoir, spillway(s), outlet(s) or other appurtenant works that could significantly influence or affect the project safety.

(12) "Normal pool height" means the dam height minus the vertical distance between the maximum storage elevation and the normal storage elevation.

(13) "Normal storage elevation" means the normal operating pool level in a reservoir. Where the principal spillway is ungated, the normal storage elevation is usually established by the level of that spillway crest.

(14) "Outlet" means a conduit and/or channel structure for the release of the contents normally impounded by a dam and reservoir.

(15) "Project" means a dam and reservoir project.

(16) "Reservoir" means any basin which contains or will contain the water impounded by a dam.

(17) "Significant enlargement" means any alteration of an existing dam that results in the dam height or normal pool height being increased by ten percent or more of that which existed prior to the modification.

(18) "Spillway" means a channel structure and/or conduit for the safe release of surplus water or floodwater.

(19) "Water" means water of any quality or any substance containing sufficient water to exist in a liquid or slurry state at the time of initial containment by an impounding structure.

[Statutory Authority: RCW 90.03.470 (8) and (9), 43.21A.080 and 43.21.130(8). 86-22-032 (Order 86-29), § 508-12-330, filed 10/31/86, effective 1/1/87.]

**WAC 508-12-340 Storage dams--Plan examination and construction inspection fees--New project fees.** Fees for the examination of plans and specifications and for construction inspection for new project construction shall

be the amounts shown in Table 1 as determined by the nearest values of dam height and crest length, in feet, which correspond to the project's planned dam height and crest length.

DAM HEIGHT																					
(FEET)																					
300.	0	10785.	12625.	13770.	14370.	14760.	14865.	14960.	15000.	15000.	15000.	15000.	15000.	15000.	15000.	15000.	15000.	15000.	15000.	15000.	
250.	0	8865.	11015.	12355.	13220.	13965.	14320.	14620.	14790.	14865.	14935.	14995.	15000.	15000.	15000.	15000.	15000.	15000.	15000.	15000.	
200.	0	6720.	8485.	10295.	11385.	12240.	12820.	13350.	13830.	14140.	14355.	14550.	14730.	14795.	14845.	14890.	14930.	14970.	14970.	15000.	
180.	0	5895.	7625.	9145.	10375.	11265.	12050.	12545.	12995.	13415.	13810.	14090.	14265.	14430.	14585.	14735.	14785.	14825.	14825.	15000.	
160.	0	5095.	6590.	7905.	9105.	10155.	10885.	11560.	12125.	12515.	12880.	13225.	13550.	13855.	14075.	14215.	14350.	14480.	14480.	15000.	
150.	0	4705.	6085.	7300.	8405.	9435.	10285.	10920.	11515.	12050.	12400.	12730.	13045.	13340.	13620.	13885.	14075.	14200.	14200.	15000.	
140.	0	4320.	5585.	6705.	7720.	8665.	9555.	10280.	10840.	11365.	11865.	12225.	12525.	12805.	13075.	13335.	13580.	13815.	13815.	15000.	
130.	0	3945.	5100.	6120.	7045.	7910.	8720.	9490.	10160.	10650.	11120.	11560.	11985.	12260.	12520.	12765.	13000.	13225.	13225.	15000.	
120.	0	3575.	4620.	5545.	6385.	7165.	7900.	8600.	9265.	9905.	10365.	10780.	11175.	11555.	11920.	12180.	12405.	12620.	12620.	15000.	
110.	0	3210.	4150.	4980.	5735.	6440.	7100.	7725.	8325.	8900.	9450.	9985.	10355.	10710.	11045.	11370.	11685.	11990.	11990.	15000.	
100.	0	2855.	3695.	4430.	5105.	5730.	6315.	6875.	7405.	7915.	8410.	8885.	9345.	9795.	10165.	10465.	10755.	11035.	11035.	15000.	
95.	0	2685.	3470.	4160.	4790.	5380.	5930.	6455.	6955.	7435.	7895.	8345.	8775.	9200.	9610.	10005.	10285.	10550.	10550.	15000.	
90.	0	2510.	3245.	3895.	4485.	5035.	5550.	6040.	6510.	6955.	7390.	7810.	8215.	8610.	8995.	9370.	9735.	10065.	10065.	15000.	
85.	0	2340.	3025.	3630.	4180.	4695.	5175.	5630.	6070.	6485.	6890.	7280.	7660.	8025.	8385.	8735.	9075.	9410.	9410.	15000.	
80.	0	2175.	2810.	3370.	3885.	4360.	4805.	5230.	5635.	6025.	6400.	6760.	7110.	7455.	7785.	8110.	8430.	8740.	8740.	15000.	
75.	0	2010.	2600.	3115.	3590.	4030.	4440.	4835.	5210.	5565.	5915.	6250.	6575.	6890.	7195.	7495.	7790.	8080.	8080.	15000.	
70.	0	1845.	2390.	2865.	3300.	3705.	4085.	4445.	4790.	5120.	5435.	5745.	6045.	6335.	6615.	6895.	7160.	7425.	7425.	15000.	
65.	0	1690.	2180.	2620.	3015.	3385.	3730.	4060.	4375.	4675.	4970.	5250.	5520.	5790.	6045.	6300.	6545.	6785.	6785.	15000.	
60.	0	1530.	1980.	2375.	2735.	3070.	3385.	3685.	3970.	4245.	4510.	4765.	5010.	5250.	5485.	5715.	5940.	6155.	6155.	15000.	
55.	0	1380.	1780.	2140.	2460.	2765.	3045.	3315.	3575.	3820.	4055.	4285.	4510.	4725.	4935.	5145.	5345.	5540.	5540.	15000.	
50.	0	1230.	1590.	1905.	2195.	2465.	2715.	2955.	3185.	3405.	3615.	3820.	4020.	4210.	4400.	4585.	4765.	4940.	4940.	15000.	
48.	0	1170.	1510.	1815.	2090.	2345.	2585.	2815.	3030.	3240.	3440.	3635.	3825.	4010.	4190.	4365.	4535.	4700.	4700.	15000.	
46.	0	1110.	1435.	1725.	1985.	2225.	2455.	2675.	2880.	3080.	3270.	3455.	3635.	3810.	3980.	4145.	4305.	4465.	4465.	15000.	
44.	0	1055.	1360.	1635.	1880.	2110.	2330.	2535.	2730.	2920.	3100.	3275.	3445.	3610.	3770.	3930.	4085.	4235.	4235.	15000.	
42.	0	995.	1285.	1545.	1780.	1995.	2200.	2395.	2580.	2760.	2930.	3095.	3260.	3415.	3565.	3715.	3860.	4005.	4005.	15000.	
40.	0	940.	1215.	1455.	1680.	1885.	2075.	2260.	2435.	2600.	2765.	2920.	3075.	3220.	3365.	3505.	3640.	3775.	3775.	15000.	
38.	0	885.	1140.	1370.	1580.	1770.	1955.	2125.	2290.	2445.	2600.	2745.	2890.	3030.	3165.	3295.	3425.	3550.	3550.	15000.	
36.	0	830.	1070.	1285.	1480.	1660.	1830.	1990.	2145.	2295.	2435.	2575.	2710.	2840.	2965.	3090.	3210.	3330.	3330.	15000.	
34.	0	775.	1000.	1200.	1380.	1550.	1710.	1860.	2005.	2145.	2275.	2405.	2530.	2650.	2770.	2885.	3000.	3110.	3110.	15000.	
32.	0	720.	930.	1115.	1285.	1445.	1590.	1730.	1865.	1995.	2120.	2240.	2355.	2465.	2575.	2685.	2790.	2890.	2890.	15000.	
30.	0	675.	860.	1035.	1190.	1335.	1475.	1605.	1725.	1845.	1960.	2070.	2180.	2285.	2385.	2485.	2585.	2680.	2680.	15000.	
28.	0	635.	795.	955.	1095.	1230.	1360.	1475.	1590.	1700.	1805.	1910.	2010.	2105.	2200.	2290.	2380.	2470.	2470.	15000.	
26.	0	595.	725.	875.	1005.	1130.	1245.	1355.	1460.	1560.	1655.	1750.	1840.	1930.	2015.	2100.	2180.	2260.	2260.	15000.	
24.	0	560.	670.	795.	915.	1025.	1130.	1230.	1325.	1420.	1505.	1590.	1675.	1755.	1835.	1910.	1985.	2060.	2060.	15000.	
22.	0	530.	625.	715.	825.	925.	1020.	1110.	1200.	1280.	1360.	1440.	1515.	1585.	1655.	1725.	1795.	1860.	1860.	15000.	
20.	0	515.	575.	655.	740.	830.	915.	995.	1070.	1145.	1215.	1285.	1355.	1420.	1480.	1545.	1605.	1665.	1665.	15000.	
19.	0	510.	555.	630.	695.	780.	860.	935.	1010.	1080.	1145.	1210.	1275.	1335.	1395.	1455.	1510.	1565.	1565.	15000.	
18.	0	505.	535.	600.	665.	735.	810.	880.	950.	1015.	1075.	1140.	1195.	1255.	1310.	1365.	1420.	1470.	1470.	15000.	
17.	0	500.	520.	575.	635.	690.	755.	825.	890.	950.	1010.	1065.	1120.	1175.	1225.	1280.	1330.	1375.	1375.	15000.	
16.	0	500.	515.	550.	605.	655.	705.	770.	830.	885.	940.	995.	1045.	1095.	1145.	1190.	1240.	1285.	1285.	15000.	
15.	0	500.	505.	525.	570.	620.	665.	715.	770.	820.	875.	920.	970.	1015.	1060.	1105.	1150.	1190.	1190.	15000.	
14.	0	500.	500.	515.	545.	585.	630.	670.	710.	760.	805.	850.	895.	940.	980.	1025.	1065.	1100.	1100.	15000.	
13.	0	500.	500.	510.	520.	555.	590.	630.	665.	700.	740.	785.	825.	865.	900.	940.	975.	1015.	1015.	15000.	
12.	0	500.	500.	500.	515.	525.	560.	590.	620.	655.	685.	715.	755.	790.	825.	860.	890.	925.	925.	15000.	
11.	0	500.	500.	500.	505.	515.	525.	555.	580.	610.	635.	660.	685.	715.	745.	780.	810.	840.	840.	15000.	
10.	0	500.	500.	500.	500.	505.	515.	520.	545.	565.	590.	610.	635.	655.	680.	700.	725.	755.	755.	15000.	
9.	0	500.	500.	500.	500.	500.	505.	510.	515.	525.	545.	565.	585.	605.	625.	640.	660.	680.	680.	15000.	
8.	0	500.	500.	500.	500.	500.	500.	500.	500.	500.	505.	510.	515.	515.	520.	535.	545.	560.	560.	15000.	
7.	0	500.	500.	500.	500.	500.	500.	500.	500.	500.	500.	500.	500.	500.	500.	500.	500.	500.	500.	15000.	
6.	0	500.	500.	500.	500.	500.	500.	500.	500.	500.	500.	500.	500.	500.	500.	500.	500.	500.	500.	15000.	
5.	0	500.	500.	500.	500.	500.	500.	500.	500.	500.	500.	500.	500.	500.	500.	500.	500.	500.	500.	500.	15000.
		D A M C R E S T L E N G T H (FEET)																			
		50.	75.	100.	125.	150.	175.	200.	225.	250.	275.	300.	325.	350.	375.	400.	425.	450.	450.	450.	

TABLE 1. FEE SCHEDULE - NEW CONSTRUCTION







**WAC 508-12-350 Storage dams--Plan examination and construction inspection fees--Project modification fees.** (1) Fees for the examination of plans and specifications and for construction inspection for project modifications involving significant enlargements shall be determined by those applicable percentages shown in Table 2A of the fees in Table 1. The appropriate Table 1 fee amount is to be determined using the nearest values of dam height and crest length, in feet, which correspond to the overall dimensions of the completed modified impounding structure.

(2) Fees for the examination of plans and specifications and for construction inspection for project modifications not involving significant enlargements shall be determined by those applicable percentages shown in Table 2B of the fees in Table 1. The appropriate Table 1 fee amount is to be determined using the nearest values of dam height and crest length, in feet, which correspond to the overall dimensions of the completed modified impounding structure.

(3) Fees for the examination of plans and specifications and for construction inspection for the removal, partial removal or breaching of a dam so it is no longer capable of impounding water shall be the minimum fee of ten dollars.

TABLE 2 - FEES FOR MODIFICATIONS OF DAMS

Features Modified	Percentage of Fee for New Dam Construction	
	TABLE 2A Modifications Involving Significant Enlargements	TABLE 2B Modifications Not Involving Significant Enlargements
Spillway(s)	40	20
Impounding Structure	40	20
Outlet(s) or Other Appurtenances	20	10

[Statutory Authority: RCW 90.03.470 (8) and (9), 43.21A.080 and 43.21.130(8). 86-22-032 (Order 86-29), § 508-12-350, filed 10/31/86, effective 1/1/87.]

**WAC 508-12-360 Storage dams--Plan examination and construction inspection fees--Maintenance.** It will not be necessary to submit plans and specifications for examination for routine maintenance, seasonal removal or replacement of stoplogs, or other similar minor operational activities.

[Statutory Authority: RCW 90.03.470 (8) and (9), 43.21A.080 and 43.21.130(8). 86-22-032 (Order 86-29), § 508-12-360, filed 10/31/86, effective 1/1/87.]

**WAC 508-12-370 Storage dams--Plan examination and construction inspection fees--Fee payment.** (1) The fee amount due shall be determined by the department based upon procedures defined in WAC 508-12-340 and 508-12-350.

(2) No fee shall be required for examination of preliminary plans.

(3) Fees shall be requested after construction plans and specifications, submitted for examination and approval in accordance with RCW 90.03.350, have been received by the department.

(4) Fees must be received by the department before plans and specifications are approved and a copy thereof returned to the project owner or his agent.

(5) No additional fees shall be required for plan and specification changes and resubmittals required by the department as part of the examination process.

[Statutory Authority: RCW 90.03.470 (8) and (9), 43.21A.080 and 43.21.130(8). 86-22-032 (Order 86-29), § 508-12-370, filed 10/31/86, effective 1/1/87.]

**WAC 508-12-380 Storage dams--Plan examination and construction inspection fees--Effective date.** The effective date of WAC 508-12-300 through 508-12-370 shall be January 1, 1987.

[Statutory Authority: RCW 90.03.470 (8) and (9), 43.21A.080 and 43.21.130(8). 86-22-032 (Order 86-29), § 508-12-380, filed 10/31/86, effective 1/1/87.]

**WAC 508-12-390 Enforcement.** In enforcement of this chapter, the department of ecology may impose such sanctions as are appropriate under authorities vested in it, including but not limited to the issuance of regulatory orders under RCW 43.27A.190 and civil penalties under RCW 90.03.600.

[Statutory Authority: Chapter 43.27A RCW. 88-13-037 (Order 88-11), § 508-12-390, filed 6/9/88.]

**WAC 508-12-400 Appeals.** All final written decisions of the department of ecology pertaining to permits, regulatory orders, and related decisions made pursuant to this chapter shall be subject to review by the pollution control hearings board in accordance with chapter 43.21B RCW.

[Statutory Authority: Chapter 43.27A RCW. 88-13-037 (Order 88-11), § 508-12-400, filed 6/9/88.]

**WAC 508-12-410 Regulation review.** The department of ecology shall initiate a review of the rules established in this chapter whenever new information, changing conditions, or statutory modifications make it necessary to consider revisions.

[Statutory Authority: Chapter 43.27A RCW. 88-13-037 (Order 88-11), § 508-12-410, filed 6/9/88.]

**Chapter 508-14 WAC  
COLUMBIA BASIN PROJECT--GROUND WATERS**

**WAC**

- 508-14-025 Authority.
- 508-14-030 Withdrawal of ground waters--Permit required--  
Certain conditions and areas declared appropriate.
- 508-14-040 Appeals.
- 508-14-050 Regulation review.

**Reviser's note:** Withdrawal of ground water rules filed 5/15/67 are rules filed by the then existing department of conservation. Section 8

and 19, chapter 242, Laws of 1967 (RCW 43.27A.080 and 43.27A.170) effected the application of these rules to the newly created department of water resources. WAC 508-14-010 and 508-14-020 are hereby repealed by Order DE 74-34, filed 12/30/74. WAC 508-14-030 adopted by Order DE 74-34, and filed in the code reviser's office 12/30/74 was filed by the department of ecology.

**DISPOSITION OF SECTIONS FORMERLY CODIFIED IN THIS CHAPTER**

- 508-14-010 Columbia Basin project—Withdrawal of ground waters. [Docket No. 67-3 regulation, filed by the department of conservation, 5/15/67; Docket No. 67-2 emergency rule, filed by the department of conservation, 3/17/67.] Repealed by Order DE 74-34, filed 12/30/74. See Title 173 WAC and WAC 508-14-030.
- 508-14-020 Construction of wells and withdrawal of ground waters underlying those lands within the Columbia Basin project known as the Quincy Basin. [Docket No. 67-4 regulation, filed 8/21/67 by the department of water resources; Rules 67-2 (emergency) and 67-3 of the department of conservation, filed respectively 3/17/67 and 5/15/67.] Repealed by Order DE 74-34, filed 12/30/74. See Title 173 WAC.

**WAC 508-14-025 Authority.** This chapter is promulgated by the department of ecology pursuant to chapters 43.21, 43.21A, 43.27A, 90.03, 90.44, and 90.54 RCW.

[Statutory Authority: RCW 43.21A.060, 86-04-058 (Order DE 86-02), § 508-14-025, filed 2/4/86.]

**WAC 508-14-030 Withdrawal of ground waters--Permit required--Certain conditions and areas declared appropriate.** (1)(a) All who are acquainted with the state of Washington know of the Grand Coulee Dam and the Columbia Basin project. In 1943, the congress of the United States passed the Columbia Basin Project Act, 57 Stat. 14 (1943), 16 U.S.C. 835 (1958) so that waters made available by the dam for irrigation purposes could be beneficially used. The state's historical position, as set forth in both state legislation and executive statements, has been one of full cooperation with the federal government to insure that the project's purpose of settling and developing the agricultural lands within said project is realized.

(b) Under state law, subject to existing rights, all natural ground waters of the state and all "artificially stored" ground waters that have been abandoned or forfeited are public ground waters available for appropriation as provided for in chapters 90.44 and 90.03 RCW.

(c) Beneath the surface of the lands within and adjoining the Columbia Basin project are large quantities of naturally occurring and artificially stored ground water, the source, extent, volume and flow characteristics being generally known, but the depth being largely unknown.

(d) With the development of the Columbia Basin project, by the United States Department of the Interior, Bureau of Reclamation, the ground-water characteristics of the land within the project have, without doubt, undergone change, including a substantial commingling of natural and "artificially stored" ground waters.

(e) Within the Columbia Basin project, but outside the Quincy ground water management subarea, established by chapter 173-124 WAC, and the Odessa ground water management subarea established by chapter 173-128A WAC, certain persons and entities presently claim interests in portions of these commingled waters.

(f) To insure that the public interest is protected as well as the interests of those claiming interests in said ground waters and that at the same time public waters are, when appropriate, made available for beneficial use, this office, in carrying out its duties and obligations, deems it necessary to set forth certain interim policies which shall guide the department in granting authority to make withdrawal from these commingled waters until ground water subareas are established under the procedures set forth in RCW 90.44.130.

(2)(a) Applications filed with the department of ecology pursuant to RCW 90.44.060 requesting permission to withdraw public ground waters within the exterior boundaries of the Columbia Basin project underlying lands within the legal description described in subsection (3) of this rule shall be received, and permits issued if it appears to the department as a tentative conclusion that public ground waters are available; however, all such permits shall be conditioned that if it is subsequently determined by the department that public waters are not available in the amounts authorized for withdrawal by such permits, the department shall, by order of notification, withdraw or modify the authority granted therein as may be appropriate.

(b) No certificates of water right as provided for in RCW 90.44.080, relating to public ground waters underlying lands described in the following subsection (3), shall be issued by the department until such time as a more definite determination can be reached as to the availability of public waters.

(3) Beginning at the northwest corner of Sec. 14, T. 17 N., R. 23 E.W.M.; thence south about 3 miles to the northwest corner of Sec. 35, said township and range; thence east about 1 mile to the northeast corner of said Sec. 35; thence south about 1 mile to the southeast corner of said Sec. 35; thence west about 1 mile to the southwest corner of said Sec. 35; thence south about 4 miles to the southwest corner of Sec. 23, T. 16 N., R. 23 E.W.M.; thence east about 1 mile to the southeast corner of said Sec. 23; thence south 25° west about 2.5 miles to the point of intersection of the westerly right of way for State Highway No. 243 and the south bank of Lower Crab Creek, said point being situated approximately 3700 feet south and 400 feet west from the NE corner of Sec. 3, T. 15 N., R. 23 E.W.M., thence southerly along western highway right of way boundary about 7.5 miles to the NW corner of Sec. 14, T. 14 N., R. 23 E.W.M., thence east about 0.5 mile to the N 1/4 corner of Sec. 14, thence south about 1.0 mile to the S 1/4 corner of Sec. 14, thence east 0.5 mile to SE corner of Sec. 14, thence south about 1.0 mile to SE corner of Sec. 23, thence west about 0.5 mile to the westerly right of way boundary of State Highway No. 243, thence southeasterly about 1.0 mile along westerly right of way

to the SW corner of Sec. 25, T. 14 N., R. 23 E.W.M., thence east about 2 miles to the SE corner of Sec. 30, T. 14 N., R. 24 E.W.M., thence south about 1 mile to the SW corner of Sec. 32, thence east to SE corner of Sec. 32, thence south about 0.5 mile to the W 1/4 corner of Sec. 4, T. 13 N., R. 24 E.W.M., thence east about 1.5 miles to the center of Sec. 3, thence south about 1.25 miles to the boundary line between Grant and Benton counties, in the Columbia River; thence downstream, southerly and easterly, along said boundary line and the boundary line between Grant and Benton counties, about 16.5 miles, to intersection of said county boundary line with the south line of Sec. 1, T. 14 N., R. 26 E.W.M.; thence east about 4.1 miles to the northwest corner of Sec. 11, T. 14 N., R. 27 E.W.M.; thence south about 2 miles to the southwest corner of Sec. 14, said township and range; thence east about 2 miles to the northwest corner of Sec. 19, T. 14 N., R. 28 E.W.M.; thence south about 1 mile to the southwest corner of said Sec. 19; thence east about 5 miles to the northeast corner of Sec. 26, said township and range; thence south about 2 miles to the southeast corner of Sec. 35, said township and range; thence west about 1.5 miles to intersection with the north-south centerline of Sec. 34, said township and range; thence north along said centerline to intersection with the north line of said Sec. 34; thence west about 7 miles to intersection with the boundary between Franklin and Benton counties, in the Columbia River, and the north line of Sec. 33, T. 14 N., R. 27 E.W.M.; thence downstream, southerly, about 29.25 miles to intersection with the eastwest centerline of Sec. 11, T. 9 N., R. 28 E.W.M.; thence east along contiguous section eastwest centerlines about 12.75 miles to the center of Sec. 12, T. 9 N., R. 30 E.W.M.; thence south 2° west about 3.17 miles to the north bank of Lake Wallula; thence northeasterly along said bank to a point about 1.38 miles south of the northwest corner of Sec. 19, T. 9 N., R. 31 E.W.M.; thence north about 1.38 miles to said northwest corner of Sec. 19; thence easterly along the north line of said Sec. 19 and of Sec. 20 about 1.85 miles to the northeast corner of said Sec. 20; thence north about 9 miles to the southeast corner of Sec. 32, T. 11 N., R. 31 E.W.M.; thence west about 1 mile to the southwest corner of said Sec. 32; thence north about 6 miles to the southeast corner of Sec. 31, T. 12 N., R. 31 E.W.M.; thence west about 0.73 mile to the southwest corner of said Sec. 31; thence north about 6 miles to the northwest corner of Sec. 6, T. 12 N., R. 31 E.W.M.; thence north 45° east about 4 miles to the southeast corner of Sec. 10, T. 13 N., R. 31 E.W.M.; thence west about 4 miles to the southwest corner of Sec. 7, T. 13 N., R. 31 E.W.M.; thence north about 7.75 miles to the centerline of the East Low Canal; thence northerly along said canal centerline about 16.5 miles to intersection with the north line of Sec. 17, T. 17 N., R. 30 E.W.M.; thence west about 3 miles to the northwest corner of Sec. 13, T. 17 N., R. 29 E.W.M.; thence south about 1 mile to the southwest corner of said Sec. 13; thence west about 9 miles to the northwest corner of Sec. 21, T. 17 N., R. 28 E.W.M.; thence south about 1 mile to the southwest corner of said Sec. 21; thence west about 15 miles to the

southwest corner of Sec. 24, T. 17 N., R. 25 E.W.M.; thence north about one mile to the northwest corner of said Sec. 24; thence west about 9 miles to the southeast corner of Sec. 17, T. 17 N., R. 24 E.W.M.; thence north about 1 mile to northeast corner of said Sec. 17; thence west about 4 miles to the northwest corner of Sec. 14, T. 17 N., R. 23 E.W.M., said point being the point of beginning.

[Statutory Authority: RCW 43.21A.060. 86-04-058 (Order DE 86-02), § 508-14-030, filed 2/4/86; Order DE 74-34, § 508-14-030, filed 12/30/74.]

**WAC 508-14-040 Appeals.** All final written decisions of the department of ecology pertaining to permits, regulatory orders, and related decisions made pursuant to this chapter shall be subject to review by the pollution control hearings board in accordance with chapter 43-21B RCW.

[Statutory Authority: Chapters 43.21A, 43.27A and 90.44 RCW. 88-13-037 (Order 88-11), § 508-14-040, filed 6/9/88.]

**WAC 508-14-050 Regulation review.** The department of ecology shall initiate a review of the rules established in this chapter whenever new information, changing conditions, or statutory modifications make it necessary to consider revisions.

[Statutory Authority: Chapters 43.21A, 43.27A and 90.44 RCW. 88-13-037 (Order 88-11), § 508-14-050, filed 6/9/88.]

## Chapter 508-64 WAC

### MEASURING DEVICES FOR WATER DIVERSION AND WITHDRAWAL FACILITIES

#### WAC

508-64-010	Background and purpose of regulation.
508-64-020	Meter specifications.
508-64-030	Meter installation requirements.
508-64-040	Meter operation and maintenance.
508-64-050	Meter—When required.
508-64-060	Unauthorized diversion or withdrawals—Enforcement agent.
508-64-070	Appeals.
508-64-080	Regulation review.

**WAC 508-64-010 Background and purpose of regulation.** With the passage of time and issuance of an additional number of water rights in each year, competition for rights to use of our limited water resources increases. Conflicts also develop where uses presently authorized compete for water supplies which may vary on seasonal or annual bases, due to changes in hydrologic conditions. For these reasons it becomes necessary to manage our state's water resources so as to insure that those entitled to make beneficial use of water neither waste water in exercising their rights nor use waters by withdrawal or diversion thereof in amounts in excess to that which they are entitled.

One of the tolls of water management vested in the department of ecology is the power to require that those diverting and/or withdrawing waters of the state, both surface and ground, provide a measuring device so as to provide for accurate measurement of waters so utilized.

See RCW 90.03.360 and 90.44.020. It has been increasingly apparent that a satisfactory water management program can be carried out only if surface and ground water withdrawals are closely monitored and accurately measured.

Under RCW 43.27A.090(11), the department of ecology is authorized to adopt such regulations as are necessary to carry out the provisions of the surface and ground water statutes of chapters 90.03 and 90.44 RCW. Acting under the authority of RCW 43.27A.090(11) and 90.03.360, the following regulation is adopted for the purpose of setting forth:

(1) The specifications for meters installed on water withdrawal facilities for pressure systems;

(2) The installation requirements for a meter;

(3) The operation and maintenance requirements for a meter; and

(4) The procedures the department of ecology will follow in determining when installation of a meter shall be required and how notification of this requirement shall be given to the water user.

[Statutory Authority: Chapters 43.21A, 43.27A and 90.44 RCW. 88-13-037 (Order 88-11), § 508-64-010, filed 6/9/88; Order DWR 69-9, § 508-64-010, filed 11/6/69.]

**WAC 508-64-020 Meter specifications.** All meters required to be installed, as provided under WAC 508-64-010, shall meet the following requirements:

(1) Meters shall be of the velocity-propeller type with enclosed propeller made of noncorrosive materials. Positive displacement and other types of meters may be used with the express approval of the department of water resources. All meters shall be line meters. For pressures in excess of 100 pounds per square inch, high pressure welded saddle or tube type meters shall be required. Meters shall be complete with meter head, register box with locking hasp, and straightening vanes for attachment to existing pipe or contained within a tube. The saddle or tube-type meters shall be of a construction such that any part of the propeller gears, shafts, totalizer, or any other moving part can be removed for repair with relative ease. The saddle-type meter shall be designed and constructed so as to be suitable for welding to the existing or installed steel pipe but with removable meter-head or designed so that it may be secured to the pipe by anchor bars welded to the pipe with U-bolts, or with threaded straps. All meters shall have the size, serial number, and direction of the flow through the meter properly and clearly indicated.

(2) The meter shall have a rated accuracy of plus or minus 2 percent of actual flow for all rates of flow within the range of flow for which the meter is designed. The meter shall register the full range of discharge from the source of water for which it is to be used.

(3) The meter shall have a visual, mechanical, digital totalizer located on or adjacent to the meter. The register shall be protected.

(4) Units of measurement for irrigation uses shall be in acre-feet. The totalizer shall read directly in acre-feet with six digits to read to the nearest hundredths (0000.00). Both the register and meter unit shall be

provided with a method of sealing with a wire or lead seal to prevent unauthorized tampering. For other uses, different units of measurement may be used with the express approval of the department of water resources. All totalizers or registers shall be equipped with a sweep hand with adequate markings or divisions for test purposes.

(5) Register boxes – the register box shall have a protective hinged cover over the window glass. Register box screws shall be drilled for seal wire holes.

(6) Propeller – the propeller shall be made of polyethylene or equivalent corrosion-resistant material and such that it will operate effectively and without distortion at temperatures between 32 degrees and 100 degrees Fahrenheit. The propeller shall be located in the center of the pipe and normal to the centerline of flow. The measuring propeller, together with its spindle, shall be the same specific gravity as water or less.

[Order DWR 69-9, § 508-64-020, filed 11/6/69.]

**WAC 508-64-030 Meter installation requirements.** Meters required to be installed, as provided under WAC 508-64-010, shall meet the following installation requirements:

(1) The meter shall be installed in accordance with manufacturer specifications and in such a manner that there shall be a full pipe of water at all times when water is being withdrawn.

(2) Straightening vanes shall be installed in the pipe in the manner recommended by the manufacturer of the meter, or vanes may be part of the tube furnished with tube-type meters or separate units for installation in the discharge pipe upstream of the meter.

(3) There shall be no turnouts or diversions between the source of water and the meter installation, except for faucet or other similar small outlets.

(4) The meter shall be placed in the pipe not less than five pipe diameters downstream from any valves, elbows, or other obstructions which might create turbulent flow, or as recommended by the meter manufacturer. There shall also be at least one pipe diameter of unobstructed flow on the downstream side of the meter.

(5) The meter and register shall not be enclosed in a building or structure in such a manner as to prevent access to the register. The register or meter shelter may be equipped with a lock to prevent tampering or breakage, provided that a key is made available to authorized employees of the department of ecology at the place of business during normal working hours or at the residence in case of private parties.

(6) Provisions shall be made for removal and rating of the meter in accordance with the manufacturer's specifications.

(7) In those cases where wells are authorized for the purpose of supplementing surface waters with water from combined sources not to exceed a total quantity, both sources of water shall be metered.

(8) In the case of artesian wells which flow at times, the meter shall be installed in a manner which will measure both pumped and flowing discharge.

(9) The owner shall cause the department of ecology to be notified within ten days from the installation of the meter.

(10) The meter installation shall be inspected and approved by the department of ecology.

[Statutory Authority: Chapters 43.21A, 43.27A and 90.44 RCW. 88-13-037 (Order 88-11), § 508-64-030, filed 6/9/88; Order DWR 69-9, § 508-64-030, filed 11/6/69.]

**WAC 508-64-040 Meter operation and maintenance.** Meters installed hereunder shall be operated and maintained in accordance with the following:

(1) No withdrawal or diversion of water shall be made unless the meter installation has been inspected and approved by the department of ecology and is in proper operating condition.

(2) Meters shall be repaired and returned to operation as soon as possible upon discovery of a malfunctioning meter. The department of ecology shall be notified immediately of such malfunctioning meter. In all cases the meter reading immediately prior to repair and the reading of the new or repaired meter shall be submitted to the department of ecology on forms provided within ten days following reinstallation of the meter and/or meter head.

(3) Water use data shall be submitted to the department of ecology on forms provided for that purpose at such times as may be required by the department.

(4) Meters shall be kept clear of debris or any other material or vegetative growth which would impede their operation. All meters shall be lubricated as specified by the manufacturer.

(5) Meters which are not properly operated and maintained shall be repaired or replaced upon order of the department of ecology within the time specified within said order.

[Statutory Authority: Chapters 43.21A, 43.27A and 90.44 RCW. 88-13-037 (Order 88-11), § 508-64-040, filed 6/9/88; Order DWR 69-9, § 508-64-040, filed 11/6/69.]

**WAC 508-64-050 Meter--When required.** Meters shall be installed on water diversion and/or withdrawal facilities existing prior to or constructed subsequent to the effective date hereof whenever it shall appear to the department of ecology that one of the following conditions exist:

(1) The need exists to accurately measure the instantaneous rate of diversion (withdrawal) and/or the total water use by a facility operating over a specified period of time, for purposes of determining if the quantities of water utilized are within the limits of the established rights, or

(2) Studies, inventories and investigations of stream and/or aquifer systems are being conducted by the department of ecology for purposes of determining location, extent, depth, volume and flow of said waters for planning, utilization and management purposes; and accurate determination of existing diversion and/or withdrawals is necessary for proper conduct of such studies, inventories and investigations, or

(3) When it has been established by the department of ecology, or there is reasonable reason to believe that a mining of ground waters is taking place within a defined area and that an accurate determination as to the extent of existing use of ground waters is necessary to properly manage such use for the purpose of maintaining a reasonable or feasible pumping lift (or reasonable or feasible reduction of artesian pressure) within the defined area, or

(4) Conflict in use under established rights exist and accurate determination of the rate of diversion (withdrawal) and/or volumetric use over a given period of time is necessary for a proper resolution of the conflict.

The requirement that a meter shall be installed on an existing facility shall be given by written notice served upon the owner or person having control thereof, as appropriate, personally or by registered or certified mail. Said notice shall set forth that a meter shall be installed in compliance with the provisions of this chapter and the date by which the meter shall be installed. All meters required to be installed hereunder shall conform to the provisions of WAC 508-64-020 through 508-64-040.

[Statutory Authority: Chapters 43.21A, 43.27A and 90.44 RCW. 88-13-037 (Order 88-11), § 508-64-050, filed 6/9/88; Order DWR 69-9, § 508-64-050, filed 11/6/69.]

**WAC 508-64-060 Unauthorized diversion or withdrawals--Enforcement agent.** No waters shall be diverted and/or withdrawn from facilities which do not comply with orders issued pursuant to WAC 508-64-050. In enforcement of this chapter, the department of ecology may impose such sanctions as are appropriate under authorities vested in it, including but not limited to the issuance of regulatory orders under RCW 43.27A.190 and civil penalties under RCW 90.03.600.

[Statutory Authority: Chapters 43.21A, 43.27A and 90.44 RCW. 88-13-037 (Order 88-11), § 508-64-060, filed 6/9/88; Order DWR 69-9, § 508-64-060, filed 11/6/69.]

**WAC 508-64-070 Appeals.** All final written decisions of the department of ecology pertaining to permits, regulatory orders, and related decisions made pursuant to this chapter shall be subject to review by the pollution control hearings board in accordance with chapter 43.21B RCW.

[Statutory Authority: Chapters 43.21A, 43.27A and 90.44 RCW. 88-13-037 (Order 88-11), § 508-64-070, filed 6/9/88.]

**WAC 508-64-080 Regulation review.** The department of ecology shall initiate a review of the rules established in this chapter whenever new information, changing conditions, or statutory modifications make it necessary to consider revisions.

[Statutory Authority: Chapters 43.21A, 43.27A and 90.44 RCW. 88-13-037 (Order 88-11), § 508-64-080, filed 6/9/88.]