

## APPENDIX A

### BACKGROUND ORDINANCES AND REGULATIONS

PLANNING

BEFORE THE  
DEPT. BOARD OF ISLAND COUNTY COMMISSIONERS  
ISLAND COUNTY, WASHINGTON

DECLARING ISLAND COUNTY)  
CRITICAL WATER SUPPLY )  
SERVICE AREA )

STATE OF WASHINGTON  
COUNTY OF ISLAND  
RESOLUTION NO. PD-85-07

WHEREAS, the Board of County Commissioners of Island County, pursuant to the provisions of the Revised Code of Washington, Section 36.32.120 (6) has substantial responsibility for the appropriate growth and development of Island County; and

WHEREAS, the provision of public water systems is an important element of ensuring appropriate growth and development of Island County; and

WHEREAS, the Island County Commissioners, pursuant to Chapter 70.116.4 (1) RCW has the authority to designate areas as Critical Water Supply Service Areas; and

WHEREAS, Island County concurs with the Preliminary Assessement of water systems issues in Island County, dated January 1985, which addresses problems related to public water supply service; and

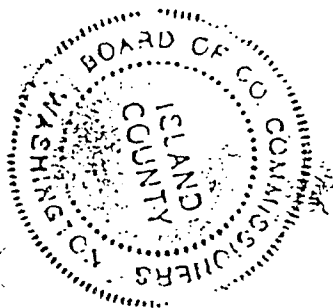
WHEREAS, representatives of public water systems in Island County, the Department of Social and Health Services, the Island County Planning Department, and other interested parties attended meetings on Camano and Whidbey Islands to discuss the Preliminary Assessment on April 24, 1985;

WHEREAS, problems related to public water systems are well documented in the Preliminary Assessment which recommends that the Public Water System Coordination Act, RCW 70.116, be used as the planning process to resolve these problems;

NOW, BE IT THEREFORE RESOLVED by the Board of County Commissioners of Island County, Washington that the provisions of Chapter 70.116 RCW be initiated by declaring Island County a Critical Water Supply Service Area with the following sub-regions:

Camano Island  
Central Whidbey Island  
South Whidbey  
North Whidbey

REVIEWED ON THE 15TH DAY OF JULY 1985 AND SET FOR PUBLIC HEARING ON THE 19TH DAY OF AUGUST 1985, AT 2:00 P.M.



BOARD OF COUNTY COMMISSIONERS  
ISLAND COUNTY, WASHINGTON

W. F. Dunlop  
W. F. DUNLOP, CHAIRMAN

Duane Kemp  
DUANE KEMP, MEMBER

Gary D. Bostrom  
GARY BOSTROM, MEMBER

ATTEST:

Harry H. Ferrier  
HARRY H. FERRIER  
COUNTY AUDITOR AND EX-OFFICIO  
CLERK OF THE BOARD

Attach.

**70.112.030 Family practice education advisory board—Chairman—Membership.** There is created a family practice education advisory board which shall consist of eight members with the dean of the school of medicine serving as chairman. Other members of the board will be:

(1) Chairman, department of family medicine, school of medicine;

(2) Two public members to be appointed by the governor;

(3) A member appointed by the Washington state medical association;

(4) A member appointed by the Washington state academy of family physicians;

(5) A hospital administrator representing those Washington hospitals with family practice residency programs, appointed by the governor; and

(6) A director representing the directors of community based family practice residency programs, appointed by the governor. [1975 1st ex.s. c 108 § 3.]

**70.112.040 Advisory board—Terms of members—Filling vacancies.** The dean and chairman of the department of family medicine at the University of Washington school of medicine shall be permanent members of the advisory board. Other members will be initially appointed as follows: Terms of the two public members shall be two years; the member from the medical association and the hospital administrator, three years; and the remaining two members, four years. Thereafter, terms for the nonpermanent members shall be four years; members may serve two consecutive terms; and new appointments shall be filled in the same manner as for original appointments. Vacancies shall be filled for an unexpired term in the manner of the original appointment. [1975 1st ex.s. c 108 § 4.]

**70.112.050 Advisory board—Duties—Annual report.** The advisory board shall advise the dean and the chairman of the department of family medicine in the implementation of the educational programs provided for in this chapter; including, but not limited to, the selection of the areas within the state where affiliate residency programs shall exist, the allocation of funds appropriated under this chapter, and the procedures for review and evaluation of the residency programs. On or before January 15 of each year the advisory board shall provide the governor and the legislature with the report on the status of the state-wide family practice residency program. [1975 1st ex.s. c 108 § 5.]

**70.112.060 Funding of residency programs.** (1) The moneys appropriated for these state-wide family medicine residency programs shall be in addition to all the income of the University of Washington and its school of medicine and shall not be used to supplant funds for other programs under the administration of the school of medicine.

(2) The allocation of state funds for the residency programs shall not exceed fifty percent of the total cost of the program.

(3) No more than twenty-five percent of the appropriation for each fiscal year for the affiliated programs shall be authorized for expenditures made in support of the faculty and staff of the school of medicine who are associated with the affiliated residency programs and are located at the school of medicine.

(4) No funds for the purposes of this chapter shall be used to subsidize the cost of care incurred by patients. [1975 1st ex.s. c 108 § 6.]

## Chapter 70.114

### MIGRANT LABOR HOUSING

#### Sections

- 70.114.010 Legislative declaration—Fees for use of housing.  
70.114.020 Migrant labor housing facility—Employment security department authorized to contract for continued operation.

**70.114.010 Legislative declaration—Fees for use of housing.** The legislature finds that the migrant labor housing project constructed on property purchased by the state in Yakima county should be continued until June 30, 1981. The employment security department is authorized to set day use or extended period use fees, consistent with those established by the department of parks and recreation. [1979 ex.s. c 79 § 1; 1977 ex.s. c 287 § 1; 1975 1st ex.s. c 50 § 1; 1974 ex.s. c 125 § 1.]

**70.114.020 Migrant labor housing facility—Employment security department authorized to contract for continued operation.** The employment security department is authorized to enter into such agreements and contracts as may be necessary to provide for the continued operation of the facility by a state agency, an appropriate local governmental body, or by such other entity as the commissioner may deem appropriate and in the state's best interest. [1979 ex.s. c 79 § 2; 1977 ex.s. c 287 § 2; 1975 1st ex.s. c 50 § 3; 1974 ex.s. c 125 § 4.]

## Chapter 70.115

### DRUG INJECTION DEVICES

#### Sections

- 70.115.050 Retail sale of hypodermic syringes, needles—Duty of retailer.

**70.115.050 Retail sale of hypodermic syringes, needles—Duty of retailer.** On the sale at retail of any hypodermic syringe, hypodermic needle, or any device adapted for the use of drugs by injection, the retailer shall satisfy himself or herself that the device will be used for the legal use intended. [1981 c 147 § 5.]

## Chapter 70.116

### PUBLIC WATER SYSTEM COORDINATION ACT OF 1977

#### Sections

- 70.116.010 Legislative declaration.

70.116.020	Declaration of purpose.
70.116.030	Definitions.
70.116.040	Critical water supply service area—Designation— Establishment or amendment of external boundaries—Procedures.
70.116.050	Development of water system plans for critical water supply service areas.
70.116.060	Approval of coordinated water system plan—Limitations following approval.
70.116.070	Service area boundaries within critical water supply area.
70.116.080	Performance standards relating to fire protection.
70.116.090	Assumption of jurisdiction or control of public water system by city, town, or code city.
70.116.100	Bottled water exempt.
70.116.110	Rate making authority preserved.
70.116.120	Short title.
70.116.900	Severability—1977 ex.s. c 142.

**70.116.010 Legislative declaration.** The legislature hereby finds that an adequate supply of potable water for domestic, commercial, and industrial use is vital to the health and well-being of the people of the state. Readily available water for use in public water systems is limited and should be developed and used efficiently with a minimum of loss or waste.

In order to maximize efficient and effective development of the state's public water supply systems, the department of social and health services shall assist water purveyors by providing a procedure to coordinate the planning of the public water supply systems. [1977 ex.s. c 142 § 1.]

**70.116.020 Declaration of purpose.** The purposes of this chapter are:

(1) To provide for the establishment of critical water supply service areas related to water utility planning and development;

(2) To provide for the development of minimum planning and design standards for critical water supply service areas to insure that water systems developed in these areas are consistent with regional needs;

(3) To assist in the orderly and efficient administration of state financial assistance programs for public water systems; and

(4) To assist public water systems to meet reasonable standards of quality, quantity and pressure. [1977 ex.s. c 142 § 2.]

**70.116.030 Definitions.** Unless the context clearly requires otherwise, the following terms when used in this chapter shall be defined as follows:

(1) "Coordinated water system plan" means a plan for public water systems within a critical water supply service area which identifies the present and future needs of the systems and sets forth means for meeting those needs in the most efficient manner possible. Such a plan shall include provisions for subsequently updating the plan. In areas where more than one water system exists, a coordinated plan may consist of either: (a) A new plan developed for the area following its designation as a critical water supply service area; or (b) a compilation of compatible water system plans existing at the

time of such designation and containing such supplementary provisions as are necessary to satisfy the requirements of this chapter. Any such coordinated plan must include provisions regarding: Future service area designations; assessment of the feasibility of shared source, transmission, and storage facilities; emergency inter-ties; design standards; and other concerns related to the construction and operation of the water system facilities.

(2) "Critical water supply service area" means a geographical area which is characterized by a proliferation of small, inadequate water systems, or by water supply problems which threaten the present or future water quality or reliability of service in such a manner that efficient and orderly development may best be achieved through coordinated planning by the water utilities in the area.

(3) "Public water system" means any system providing water intended for, or used for, human consumption or other domestic uses. It includes, but is not limited to, the source, treatment for purifying purposes only, storage, transmission, pumping, and distribution facilities where water is furnished to any community, or number of individuals, or is made available to the public for human consumption or domestic use, but excluding water systems serving one single family residence. However, systems existing on September 21, 1977 which are owner operated and serve less than ten single family residences or which serve only one industrial plant shall be excluded from this definition and the provisions of this chapter.

(4) "Purveyor" means any agency or subdivision of the state or any municipal corporation, firm, company, mutual or cooperative association, institution, partnership, or person or any other entity, that owns or operates for wholesale or retail service a public water system. It also means the authorized agents of any such entities.

(5) "Secretary" means the secretary of the department of social and health services or the secretary's authorized representative.

(6) "Service area" means a specific geographical area serviced or for which service is planned by a purveyor. [1977 ex.s. c 142 § 3.]

**70.116.040 Critical water supply service area—Designation—Establishment or amendment of external boundaries—Procedures.** (1) The secretary and the appropriate local planning agencies and purveyors, shall study geographical areas where water supply problems related to uncoordinated planning, inadequate water quality or unreliable service appear to exist. If the results of the study indicate that such water supply problems do exist, the secretary or the county legislative authority shall designate the area involved as being a critical water supply service area, consult with the appropriate local planning agencies and purveyors, and appoint a committee of not less than three representatives therefrom solely for the purpose of establishing the proposed external boundaries of the critical water supply

service area. The committee shall include a representative from each purveyor serving more than fifty customers, the county legislative authority, county planning agency, and health agencies. Such proposed boundaries shall be established within six months of the appointment of the committee.

During the six month period following the establishment of the proposed external boundaries of the critical water supply services areas, the county legislative authority shall conduct public hearings on the proposed boundaries and shall modify or ratify the proposed boundaries in accordance with the findings of the public hearings. The boundaries shall reflect the existing land usage, and permitted densities in county plans, ordinances, and/or growth policies. If the proposed boundaries are not modified during the six month period, the proposed boundaries shall be automatically ratified and be the critical water supply service area.

After establishment of the external boundaries of the critical water supply service area, no new public water systems may be approved within the boundary area unless an existing water purveyor is unable to provide water service.

(2) At the time a critical water supply service area is established, the external boundaries for such area shall not include any fractional part of a purveyor's existing contiguous service area.

(3) The external boundaries of the critical water supply service area may be amended in accordance with procedures prescribed in subsection (1) of this section for the establishment of the critical water supply service areas when such amendment is necessary to accomplish the purposes of this chapter. [1977 ex.s. c 142 § 4.]

**70.116.050 Development of water system plans for critical water supply service areas.** (1) Each purveyor within the boundaries of a critical water supply service area shall develop a water system plan for the purveyor's future service area if such a plan has not already been developed: *Provided*, That nonmunicipally owned public water systems are exempt from the planning requirements of this chapter, except for the establishment of service area boundaries if they: (a) Were in existence as of September 21, 1977; and (b) have no plans for water service beyond their existing service area, and (c) meet minimum quality and pressure design criteria established by the state board of health: *Provided further*, That if the county legislative authority permits a change in development that will increase the demand for water service of such a system beyond the existing system's ability to provide minimum water service, the purveyor shall develop a water system plan in accordance with this section. The establishment of future service area boundaries shall be in accordance with RCW 70.116.070.

(2) After the boundaries of a critical water supply service area have been established pursuant to RCW 70.116.040, the committee established in RCW 70.116.040 shall participate in the development of a coordinated water system plan for the designated area. Such a plan shall incorporate all water system plans developed pursuant to subsection (1) of this section. The plan shall

provide for maximum integration and coordination of public water system facilities consistent with the protection and enhancement of the public health and well-being.

(3) Those portions of a critical water supply service area not yet served by a public water system shall have a coordinated water system plan developed by existing purveyors based upon permitted densities in county plans, ordinances, and/or growth policies for a minimum of five years beyond the date of establishment of the boundaries of the critical water supply service area.

(4) To insure that the plan incorporates the proper designs to protect public health, the secretary shall adopt regulations pursuant to chapter 34.04 RCW concerning the scope and content of coordinated water system plans, and shall ensure, as minimum requirements, that such plans:

(a) Are reviewed by the appropriate local governmental agency to insure that the plan is not inconsistent with the land use plans, shoreline master programs, and/or developmental policies of the general purpose local government or governments whose jurisdiction the water system plan affects.

(b) Recognize all water resource plans, water quality plans, and water pollution control plans which have been adopted by units of local, regional, and state government.

(c) Incorporate the fire protection standards developed pursuant to RCW 70.116.080.

(d) Identify the future service area boundaries of the public water system or systems included in the plan within the critical water supply service area.

(e) Identify feasible emergency inter-ties between adjacent purveyors.

(5) If a "water general plan" for a critical water supply service area or portion thereof has been prepared pursuant to chapter 36.94 RCW and such a plan meets the requirements of subsections (1) and (4) of this section, such a plan shall constitute the coordinated water system plan for the applicable geographical area.

(6) Prior to the submission of a coordinated water system plan to the secretary for approval of the design of the proposed facilities pursuant to RCW 70.116.060, the plan shall be reviewed for consistency with subsection (4) of this section by the legislative authorities of the counties in which the critical water supply service area is located. If within sixty days of receipt of the plan, the legislative authorities find any segment of a proposed service area of a purveyor's plan or any segment of the coordinated water system plan to be inconsistent with any current land use plans, shoreline master programs, and/or developmental policies of the general purpose local government or governments whose jurisdiction the water system plan affects, the secretary shall not approve that portion of the plan until the inconsistency is resolved between the local government and the purveyor. If no comments have been received from the legislative authorities within sixty days of receipt of the plan, the secretary may consider the plan for approval. [1977 ex.s. c 142 § 5.]

**70.116.060 Approval of coordinated water system plan—Limitations following approval.** (1) A coordinated water system plan shall be submitted to the secretary for design approval within two years of the establishment of the boundaries of a critical water supply service area.

(2) The secretary shall not approve those portions of a coordinated water system plan which fail to meet the requirements for future service area boundaries as set forth in RCW 70.116.070.

(3) Following the approval of a coordinated water system plan by the secretary:

(a) All purveyors constructing or proposing to construct public water system facilities within the area covered by the plan shall comply with the plan.

(b) No other purveyor shall establish a public water system within the area covered by the plan, unless the secretary determines that existing purveyors are unable to provide the service. If such a determination is made, the secretary may require the new public water system to be constructed in accordance with the construction standards and specifications embodied in the coordinated water system plan approved for the area.

(4) The secretary may deny proposals to establish or to expand any public water system within a critical water supply service area for which there is not an approved coordinated water system plan at any time after two years of the establishment of the critical water supply service area: *Provided*, That service connections shall not be considered expansions. [1977 ex.s. c 142 § 6.]

**70.116.070 Service area boundaries within critical water supply area.** (1) The service area boundaries of public water systems within the critical water supply service area shall be determined by written agreement among the purveyors and with the approval of the appropriate legislative authority. Failure of the legislative authority to file with the secretary objections to the proposed service area boundaries within sixty days of receipt of the proposed boundary agreement may be construed as approval of the agreement.

(2) If no service area boundary agreement has been established within a reasonable period of time, or if the legislative authority has filed with the secretary objections in writing as provided in subsection (1) of this section, the secretary shall hold a public hearing thereon. The secretary shall provide notice of the hearing by certified mail to each purveyor providing service in the critical water supply service area, to each county legislative authority having jurisdiction in the area and to the public. The secretary shall provide public notice pursuant to the provisions of chapter 65.16 RCW. Such notice shall be given at least twenty days prior to the hearing. The hearing may be continued from time to time and, at the termination thereof, the secretary may restrict the expansion of service of any purveyor within the area if the secretary finds such restriction is necessary to provide the greatest protection of the public health and well-being. [1977 ex.s. c 142 § 7.]

**70.116.080 Performance standards relating to fire protection.** The secretary shall adopt performance standards relating to fire protection to be incorporated into the design and construction of public water systems. The standards shall be consistent with recognized national standards. The secretary shall adopt regulations pertaining to the application and enforcement of the standards: *Provided*, That the regulations shall require the application of the standards for new and expanding systems only. The standards shall apply in critical water supply service areas unless the approved coordinated plan provides for nonfire flow systems. [1977 ex.s. c 142 § 8.]

**70.116.090 Assumption of jurisdiction or control of public water system by city, town, or code city.** The assumption of jurisdiction or control of any public water system or systems by a city, town, or code city, shall be subject to the provisions of chapter 35.13A RCW, and the provisions of this chapter shall be superseded by the provisions of chapter 35.13A RCW regarding such an assumption of jurisdiction. [1977 ex.s. c 142 § 9.]

**70.116.100 Bottled water exempt.** Nothing in this chapter shall apply to water which is bottled or otherwise packaged in a container for human consumption or domestic use, or to the treatment, storage and transportation facilities used in the processing of the bottled water or the distribution of the bottles or containers of water. [1977 ex.s. c 142 § 10.]

**70.116.110 Rate making authority preserved.** Nothing in this chapter shall be construed to alter in any way the existing authority of purveyors and municipal corporations to establish, administer and apply water rates and rate provisions. [1977 ex.s. c 142 § 11.]

**70.116.120 Short title.** This chapter shall be known and may be cited as the "Public Water System Coordination Act of 1977". [1977 ex.s. c 142 § 12.]

**70.116.900 Severability—1977 ex.s. c 142.** If any provision of this chapter, or its application to any person or circumstance is held invalid, the remainder of the chapter, or the application of the provision to other persons or circumstances is not affected. [1977 ex.s. c 142 § 13.]

## Chapter 70.117

### SKIING AND COMMERCIAL SKI ACTIVITY

#### Sections

- 70.117.010 Ski area sign requirements.
- 70.117.020 Standard of conduct—Prohibited acts—Responsibility.
- 70.117.030 Leaving scene of skiing accident—Penalty.
- 70.117.040 Insurance requirements for operators.

*Ski lifts, tows, etc.: Chapter 70.88 RCW.*

**70.117.010 Ski area sign requirements.** (1) The operator of any ski area shall maintain a sign system.

# Chapter 248-56 WAC

## WATER SYSTEM COORDINATION ACT—PROCEDURAL REGULATIONS

WAC	
248-56-100	Purpose.
248-56-200	Definitions.
248-56-300	Preliminary assessment—Requirement.
248-56-310	Preliminary assessment—Procedures.
248-56-400	Declaration of critical water supply service area.
248-56-500	Water utility coordinating committee— Establishment.
248-56-510	Water utility coordinating committee—Purpose.
248-56-600	Establishment of external critical water supply service area boundaries—Procedures.
248-56-610	Establishment of external critical water supply service area boundaries—Criteria.
248-56-620	Establishment of critical water supply service area boundaries—Effect.
248-56-630	Alteration of external critical water supply service area boundaries.
248-56-640	Update of external critical water supply service area boundaries.
248-56-700	Coordinated water system plan—Requirement.
248-56-710	Coordinated water system plan—Water system plan.
248-56-720	Coordinated water system plan—Supplementary provisions.
248-56-730	Service area agreements—Requirement.
248-56-740	Coordinated water system plan—Procedures (water utility coordinating committee).
248-56-750	Coordinated water system plan—Effect.
248-56-760	Coordinated water system plan—Update.
248-56-800	Coordinated water system plan—Local review.
248-56-810	Coordinated water system plan—Department approval.
248-56-900	Severability.

**WAC 248-56-100 Purpose.** This chapter is promulgated pursuant to the authority granted in the Public Water System Coordination Act of 1977, chapter 70.116 RCW, for the purpose of implementing a program relating to public water system coordination within the state of Washington, for evaluation and determination of critical water supply service areas, and assistance for orderly and efficient public water system planning. [Statutory Authority: Chapter 70.116 RCW. 78-07-048 (Order 1309), § 248-56-100, filed 6/28/78.]

**WAC 248-56-200 Definitions.** (1) "Public water system" – Any system or water supply intended or used for human consumption or other domestic uses including, but not limited to, source, treatment, storage, transmission and distribution facilities where water is furnished to any community, number of individuals or is made available to the public for human consumption or domestic use. This definition shall exclude any water system serving one single family residence, water systems existing prior to September 21, 1977 which are owner operated and serve less than ten single family residences, and water systems serving no more than one industrial plant.

(2) "Purveyor" – Any agency or subdivision of the state or any municipality, firm, company, mutual or co-operative association, institution, partnership, person, or any other entity that owns or operates a public water system for wholesale or retail service (or their authorized agent).

(3) "Municipality" – Any county, city, town, or any other entity having its own incorporated government for local affairs including, but not limited to, metropolitan municipal corporation, public utility district, water district, irrigation district, sewer district, and/or port district.

(4) "Inadequate water quality" – An excess of maximum contaminant levels established by the state board of health (chapter 248-54 WAC).

(5) "Unreliable service" – Low pressure or quantity problems, and/or frequent service interruption inconsistent with state board of health requirements (chapter 248-54 WAC).

(6) "Lack of coordinated planning" – Failure to resolve existing or potential areawide problems related to:

(a) Insufficient control over development of new public water systems.

(b) Adjacent or nearby public water systems constructed according to incompatible design standards.

(c) No future service area agreements, or conflicts in existing or future service areas.

(d) Adjacent public water systems which could benefit from emergency interties or joint-use facilities.

(e) Water system plans which have not been updated in accordance with chapter 248-54 WAC.

(f) Inconsistencies between neighboring water system plans, or failure to consider adopted county or city land use plans or policies.

(7) "Critical water supply service area" – A geographical area designated by the department or county legislative authority characterized by public water system problems related to inadequate water quality, unreliable service, and/or lack of coordinated water system planning. It may be further characterized by a proliferation of small, inadequate public water systems, or by water supply problems which threaten the present or future water quality or reliability of service in such a manner that efficient and orderly development may best be achieved through coordinated planning by public water systems in the area.

(8) "County legislative authority" – The board of county commissioners or that body assigned such duties by a county charter as enacting ordinances, passing resolutions, and appropriating public funds for expenditure.



(9) "Local planning agency" - The division of city or county government responsible for land use planning functions.

(10) "Coordinated water system plan" - A plan for public water systems within a critical water supply service area which identifies the present and future water system concerns and sets forth a means for meeting those concerns in the most efficient manner possible.

(11) "Existing service area" - A specific area within which direct service or retail service connections to customers of a public water system are currently available.

(12) "Future service area" - A specific area for which water service is planned by a public water system, as determined by written agreement between purveyors provided for in WAC 248-56-730.

(13) "Department" - The Washington state department of social and health services. [Statutory Authority: Chapter 70.116 RCW. 78-07-048 (Order 1309), § 248-56-200, filed 6/28/78.]

**WAC 248-56-300 Preliminary assessment—Requirement.** In areas where public water systems are suspected of having problems related to inadequate water quality, unreliable service, or lack of coordinated planning, a preliminary assessment shall be undertaken to determine if the geographical area should be designated a critical water supply service area. (See WAC 248-56-200 for definitions.) [Statutory Authority: Chapter 70.116 RCW. 78-07-048 (Order 1309), § 248-56-300, filed 6/28/78.]

**WAC 248-56-310 Preliminary assessment—Procedures.** (1) The preliminary assessment shall be conducted under the authority of the county legislative authority(ies) and the department with assistance from affected state and local agencies and water purveyors.

(2) Notice that a preliminary assessment is being undertaken shall be made to all affected parties, those who have demonstrated an interest, and the local news media.

(3) The preliminary assessment shall be presented in report form, as short and factual as possible, and shall consider at least the following topics as they relate to public water systems in the potential critical water supply service area:

- (a) Existing water systems, including:
  - (i) History of water quality, reliability and service,
  - (ii) General fire fighting capability of the utilities, and
  - (iii) Identification of major facilities which need to be expanded, altered, or replaced.
- (b) Availability and adequacy of future water source(s).
- (c) Service area boundaries, including a map of established boundaries and identification of systems without established boundaries.
- (d) Present growth rate.
- (e) Status of water system planning, land use planning, and coordination, including a list of land use plans and policies adopted by local general purpose governments.

(4) Upon completion, the preliminary assessment shall be submitted to the county legislative authority(ies) and the department for review. A copy shall also be transmitted to all potentially affected water purveyors and appropriate news media. [Statutory Authority: Chapter 70.116 RCW. 78-07-048 (Order 1309), § 248-56-310, filed 6/28/78.]

**WAC 248-56-400 Declaration of critical water supply service area.** (1) Based upon review of the preliminary assessment, if findings indicate that a geographical area does have problems related to inadequate water quality, unreliable service, or lack of coordinated planning, the county legislative authority(ies) or the department shall declare that area a critical water supply service area.

(2) The declaration shall be in the format of a legislative enactment signed by the county legislative authority(ies), or administrative declaration signed by the secretary of the department or his designee.

(3) The declaring agency shall file its declaration with the other agency(ies) and notify in writing the appropriate local planning agencies, affected water purveyors, and the local news media within ten days. [Statutory Authority: Chapter 70.116 RCW. 78-07-048 (Order 1309), § 248-56-400, filed 6/28/78.]

**WAC 248-56-500 Water utility coordinating committee—Establishment.** (1) Within 30 days following the declaration of a critical water supply service area, a water utility coordinating committee shall be appointed by the declaring agency(ies).

(2) The water utility coordinating committee shall consist of one representative from each of the following:

- (a) Each county legislative authority within the declared area,
- (b) Each county planning agency having jurisdiction within the declared area,
- (c) Each health agency having jurisdiction within the declared area (chapters 70.08, 70.05, 43.20 RCW),
- (d) Each water purveyor with over fifty services within the declared area.

(Other agencies or purveyors shall be appointed as ex officio members of the committee if determined appropriate by the county legislative authority(ies) or the department).

(3) In order for the water utility coordinating committee to conduct business, at least half but not less than three representatives from the entities listed in subsection (2) shall be present.

(4) At the first meeting of the water utility coordinating committee, the following shall be determined by consensus:

- (a) Chairperson
- (b) Rules for conducting business, including voting procedure. [Statutory Authority: Chapter 70.116 RCW. 78-07-048 (Order 1309), § 248-56-500, filed 6/28/78.]

**WAC 248-56-510 Water utility coordinating committee—Purpose.** (1) The initial purpose of the water utility coordinating committee shall be to recommend

external critical water supply service area boundaries to the county legislative authority(ies) within six months of appointment of the committee. (See WAC 248-56-600.)

(2) Following establishment of external critical water supply service area boundaries, the water utility coordinating committee shall be responsible for development of the coordinated water system plan. (See WAC 248-56-740.) [Statutory Authority: Chapter 70.116 RCW. 78-07-048 (Order 1309), § 248-56-510, filed 6/28/78.]

**WAC 248-56-600 Establishment of external critical water supply service area boundaries—Procedures.** (1) Proposed boundaries shall be documented by a written report which includes:

(a) A map and narrative description of the recommended boundary.

(b) A narrative statement outlining the reasons for the recommended boundary location, the criteria used and relative importance of each.

(2) Prior to submittal of recommended external boundaries to the county legislative authority(ies), the water utility coordinating committee shall conduct at least one informational meeting for the purpose of soliciting public input.

(3) The water utility coordinating committee shall make a formal report of its recommended external critical water supply service area boundaries to the county legislative authority(ies).

(4) The county legislative authority(ies) shall conduct at least two public hearings on the proposed boundaries within six months from the date the boundaries were submitted by the water utility coordinating committee, for the purpose of soliciting responses to the proposed boundaries.

(5) Within six months from the date proposed boundaries are submitted to the county legislative authority(ies), one of the following actions may be taken by the county legislative authority(ies):

(a) Ratify the proposed boundaries based on findings at the public hearings, or

(b) Modify the proposed boundaries in accordance with findings of the public hearings, and then ratify the revised boundaries.

If neither of the above actions are taken by the county legislative authority(ies) within six months, the boundaries as stated in the proposal submitted by the water utility coordinating committee to said county legislative authority(ies) shall be automatically ratified. [Statutory Authority: Chapter 70.116 RCW. 78-07-048 (Order 1309), § 248-56-600, filed 6/28/78.]

**WAC 248-56-610 Establishment of external critical water supply service area boundaries—Criteria.** (1) The water utility coordinating committee, in recommending, and county legislative authority(ies), in determining the location of external critical water supply service area boundaries shall consider factors including, but not limited to:

(a) Existing land use,

(b) Projected land use and permitted densities as documented in adopted county or city plans, ordinances

and/or growth policies for at least 10 years into the future,

(c) Other planning activities or boundaries which may affect land use or water system planning,

(d) Physical factors limiting provision of water service,

(e) Existing political boundaries, including boundary agreements in effect and attitudes towards expanding those boundaries,

(f) Future service areas of existing utilities,

(g) Hydraulic factors, including potential pressure zones or elevations,

(h) Economic ability of the public water systems to meet minimum service requirements.

(2) External critical water supply service area boundaries shall not divide any purveyor's existing, contiguous service area. Areas served by a wholesale purveyor may be divided into as many existing service areas as may be justified by geography, engineering or other factors discussed in the preliminary assessment. [Statutory Authority: Chapter 70.116 RCW. 78-07-048 (Order 1309), § 248-56-610, filed 6/28/78.]

**WAC 248-56-620 Establishment of critical water supply service area boundaries—Effect.** (1) No new public water system shall be approved within a critical water supply service area subsequent to establishment of external boundaries unless specifically authorized by the department. Authorization shall be based upon compliance with the following:

(a) If unanticipated demand for water supply occurs within a purveyor's future service area, the following shall apply in the listed sequence:

(i) The existing purveyor shall provide service in a timely and reasonable manner consistent with state board of health regulations; or

(ii) A new public water system may be developed on a temporary basis. Before authorization, a legal agreement will be required which includes a schedule for the existing purveyor to assume management and/or connect the new public water system to the existing system; or

(iii) A new public water system may be developed. Before authorization, a revised service area agreement establishing the new purveyor's future service area will be required.

(b) If a demand for water supply occurs outside any purveyor's future service area, the following shall apply in the listed sequence:

(i) Those persons anticipating the need for water service shall contact existing nearby purveyors within the critical water supply service area to determine whether any will be interested in expanding their system to provide water service in a timely and reasonable manner consistent with state board of health regulations.

(ii) A new public water system may be developed on a temporary basis. Before authorization, a legal agreement will be required which includes a schedule for an existing system to assume management and/or connect the new public water system to an existing system; or

(iii) A new public water system may be developed.

Any of the options listed in subdivisions (b)(i), (b)(ii), or (b)(iii) will require establishment of new or revised service area agreements.

(2) If a new public water system is developed, it shall have an approved water system plan pursuant to WAC 248-54-580 and the provisions of this chapter. The plan shall include a section addressing the outcome of subdivisions (1)(a), or (1)(b) along with documented confirmation by the appropriate existing purveyors(s).

(3) Any proposed new public water system shall not be inconsistent with local adopted land use plans, shoreline management programs, and/or development policies as determined by the appropriate county or city legislative authority(ies).

(4) If a coordinated water system plan has been approved for the affected area, all proposed new public water systems shall be consistent with the provisions of that plan. [Statutory Authority: Chapter 70.116 RCW. 78-07-048 (Order 1309), § 248-56-620, filed 6/28/78.]

**WAC 248-56-630 Alteration of external critical water supply service area boundaries.** (1) After establishment of external critical water supply service area boundaries, those boundaries may not be altered until the coordinated water system plan is completed.

(2) Alteration of external critical water supply service area boundaries may be initiated by the department or county legislative authority(ies) in accordance with the procedures and criteria identified in WAC 248-56-600 and 248-56-610. In addition:

(a) The department or county legislative authority(ies), whichever initiates alteration of external boundaries, shall prepare a brief report documenting the need for such alteration, and

(b) The department or county legislative authority(ies), whichever initiates preparation of the report, shall reconvene the water utility coordinating committee and present the report to the committee, together with instructions for committee action.

(3) The coordinated water system plan shall be revised as necessary, due to alteration of external critical water supply service area boundaries, within six months of the date of such action taken by the county legislative authority(ies), unless an extended schedule is approved by the department. [Statutory Authority: Chapter 70.116 RCW. 78-07-048 (Order 1309), § 248-56-630, filed 6/28/78.]

**WAC 248-56-640 Update of external critical water supply service area boundaries.** External critical water supply service area boundaries shall be reviewed by the water utility coordinating committee and the county legislative authority(ies) at least once every five years, as part of the update of the coordinated water system plan. (See WAC 248-56-760.) [Statutory Authority: Chapter 70.116 RCW. 78-07-048 (Order 1309), § 248-56-640, filed 6/28/78.]

**WAC 248-56-700 Coordinated water system plan—Requirement.** (1) A coordinated water system plan shall

be required for the entire area within the external critical water supply service area boundaries.

(2) In critical water supply service areas where more than one water system exists, a coordinated water system plan shall consist of either:

(a) A compilation of water system plans approved pursuant to WAC 248-54-580, together with supplementary provisions addressing water purveyor concerns relating to the entire critical water supply service area (fulfilling requirements of WAC 248-56-710 and 248-56-720 respectively), or

(b) A single plan covering all affected public water systems and areawide concerns within the external critical water supply service area boundaries (fulfilling requirements of both WAC 248-56-710 and 248-56-720).

(3) The coordinated water system plan shall provide for maximum integration and coordination of public water system facilities consistent with the protection and enhancement of the public health and well-being.

(4) The coordinated water system plan shall not be inconsistent with adopted county and city land use plans, ordinances, and/or growth policies addressing development within the critical water supply service area for at least five years beyond the date of establishment of external boundaries.

(5) If no land use plans, ordinances, or growth policies are in effect for all or a portion of the area within the critical water supply service area at the time the coordinated water system plan is being prepared, the coordinated water system plan shall be based upon the best planning data available from the appropriate local planning agency(ies).

(6) In critical water supply service areas where only one public water system exists, the coordinated water system plan shall consist of the water system plan for the water system. (See WAC 248-54-580 and 248-56-710.) [Statutory Authority: Chapter 70.116 RCW. 78-07-048 (Order 1309), § 248-56-700, filed 6/28/78.]

**WAC 248-56-710 Coordinated water system plan—Water system plan.** (1) Each purveyor within the external critical water supply service area boundaries shall be responsible for completion of a water system plan for the purveyor's future service area, including provisions of WAC 248-56-730, if such a plan has not already been approved, with the following exception:

(a) Nonmunicipally owned public water systems shall be exempt from the planning requirements (except for the establishment of service area boundaries pursuant to WAC 248-56-730) if they:

- (i) Were in existence as of September 21, 1977; and
- (ii) have no plans for water service beyond their existing service area; and
- (iii) meet minimum state board of health requirements (chapter 248-54 WAC).

**NOTE:** If the county legislative authority permits a change in development that will increase the demand for water service of such a system beyond the existing system's ability to provide

minimum water service, the purveyor shall develop a water system plan in accordance with this section.

(2) Each purveyors' water system plan shall be updated at the time the coordinated water system plan is prepared, which will eliminate the necessity of updating the water system plan prior to the mandatory five year update of the coordinated water system plan.

(3) The content of a water system plan shall be consistent with WAC 248-54-580 and shall comply with guidelines\* which may be obtained from the department. These guidelines have been compiled to further assist in meeting the purpose of this chapter, and address three levels of planning requirements varying in detail, based upon the size of the public water system. [Statutory Authority: Chapter 70.116 RCW. 78-07-048 (Order 1309), § 248-56-710, filed 6/28/78.]

**WAC 248-56-720 Coordinated water system plan—Supplementary provisions.** (1) All water purveyors within the external critical water supply service area boundaries (with the exception of the systems specifically exempted in WAC 248-56-710(1)) shall be notified and asked to participate in the development of the supplementary provisions.

(2) The supplementary provisions shall address areawide water system concerns relating to the entire critical water supply service area. The content of the supplementary provisions shall comply with guidelines\* which may be obtained from the department.

The supplementary provisions shall include, but not be limited to:

- (a) Assessment of related, adopted plans,
- (b) Identification of future service areas and service area agreements (WAC 248-56-730),
- (c) Minimum areawide water system design standards, including fireflow performance standards,
- (d) Procedures for authorizing new water systems in the critical water supply service area,
- (e) Assessment of potential joint-use or shared water system facilities and/or management programs.

\*Copies of DSHS guidelines entitled, "Plan contents guidelines" may be obtained without charge from the Department of Social and Health Services, Water Supply and Waste Section, Mail Stop LD-11, Olympia, Washington 98504.

[Statutory Authority: Chapter 70.116 RCW. 78-07-048 (Order 1309), § 248-56-720, filed 6/28/78.]

**WAC 248-56-730 Service area agreements—Requirement.** (1) The service area boundaries of public water systems within the critical water supply service area shall be determined by written agreement among the respective existing purveyors and approved by the appropriate legislative authority(ies).

(2) Future service area agreements shall be incorporated into the coordinated water system plan as provided for in the guidelines identified in WAC 248-56-720.

(3) Future service area boundaries of public water systems shall be determined by existing purveyors. Criteria used in the establishment of future service areas

should include, but not be limited to: Topography, readiness and ability to provide water, local franchise areas, legal water system boundaries, city limits, future population, land use projections, and sewer service areas.

(4) All future service areas shall not be inconsistent with adopted land use plans, ordinances, and growth policies of cities, towns, and counties, located within the future service area boundaries.

(5) Failure of the legislative authority(ies) to file with the department objections to service area agreements within 60 days of receipt of the agreement shall indicate automatic approval.

(6) If no service area boundary agreement has been established after a conscientious effort by the purveyors within one year of establishment of the external critical water supply service area boundaries, or if the legislative authority(ies) has filed with the department objections in writing, the department shall hold a public hearing.

(7) If a public hearing is required for the establishment of service areas the following procedures shall apply:

(a) The department shall provide notice of the hearing by certified mail to:

(i) Each purveyor providing service in the critical water supply service area,

(ii) Each county legislative authority having jurisdiction in the area, and

(iii) The public pursuant to chapter 65.16 RCW.

(b) The hearing may be continued from time to time.

(c) At the termination of the public hearing, the department may restrict the expansion of service of any purveyor within the external critical water supply service area boundaries if the department finds such restriction necessary to provide the greatest protection of the public health and well-being. (Individual retail or direct service connections shall not be considered an expansion.) [Statutory Authority: Chapter 70.116 RCW. 78-07-048 (Order 1309), § 248-56-730, filed 6/28/78.]

**WAC 248-56-740 Coordinated water system plan—Procedures (water utility coordinating committee).** (1) Following establishment of external critical water supply service area boundaries, the water utility coordinating committee shall be responsible for the development of a coordinated water system plan.

(2) No later than two months after establishment of the external critical water supply service area boundary the water utility coordinating committee shall meet for the purpose of formulating arrangements for:

(a) Preparation of the coordinated water system plan, and

(b) Public involvement.

(3) The water utility coordinating committee shall meet as necessary in order to:

(a) Collect and assemble water system plans,

(b) Provide input and direction for the preparation of the supplementary provisions,

(c) Serve as a forum for developing and/or negotiating future service area agreements (WAC 248-56-730),

(d) Accomplish other related business as determined by the committee.

(4) Prior to submittal of the coordinated water system plan to the county legislative authority(ies) for review, the water utility coordinating committee shall:

(a) Prepare written comments on the plan for the benefit of the reviewing authority(ies),

(b) Conduct at least one public informational meeting for the purpose of soliciting public input,

(c) Evaluate and respond to comments received at the hearing(s). [Statutory Authority: Chapter 70.116 RCW. 78-07-048 (Order 1309), § 248-56-740, filed 6/28/78.]

**WAC 248-56-750 Coordinated water system plan—**

**Effect.** (1) All purveyors constructing or proposing to construct public water system facilities within the area covered by the coordinated water system plan shall comply with the plan.

(2) At any time after two years of establishment of the external critical water supply service area boundaries, the department may deny proposals to establish or to expand any public water system within a critical water supply service area for which there is not an approved coordinated water system plan. (Individual retail or direct service connections shall not be considered an expansion.) (See WAC 248-56-620 for provisions pertaining to new public water systems in the interim two years.) [Statutory Authority: Chapter 70.116 RCW. 78-07-048 (Order 1309), § 248-56-750, filed 6/28/78.]

**WAC 248-56-760 Coordinated water system plan—**

**Update.** (1) The coordinated water system plan shall be reviewed and updated by the water utility coordinating committee at a minimum of every five years or sooner, if the water utility coordinating committee feels it is necessary, in accordance with both the provisions of WAC 248-54-580 and this section.

(2) Changes in the coordinated water system plan shall be accomplished in accordance with procedures for developing a coordinated water system plan (WAC 248-56-740). If no changes are necessary, the water utility coordinating committee shall submit to the department a statement verifying that the coordinated water system plan is still current.

(3) If the external critical water supply service area boundaries are altered by the county legislative authority(ies) pursuant to WAC 248-54-630, the coordinated water system plan shall be updated as provided for in WAC 248-56-630. [Statutory Authority: Chapter 70.116 RCW. 78-07-048 (Order 1309), § 248-56-760, filed 6/28/78.]

**WAC 248-56-800 Coordinated water system plan—**

**Local review.** (1) Prior to submission of a coordinated water system plan to the department for approval, the plan shall be reviewed by the county legislative authority(ies) in the county(ies) in which the critical water supply service area is located. County review of the coordinated water system plan shall include at least one public hearing.

(2) If no comments have been received from the county legislative authority(ies) within 60 days of receipt

of the coordinated water system plan, the department may consider the plan for approval.

(3) If within 60 days of receipt of the coordinated water system plan, the county legislative authority(ies) find any segment of the plan to be inconsistent with adopted land use plans, shorelines master programs, the following shall occur:

(a) The county legislative authority(ies) shall submit written description of their determination and justification supporting their determination prior to the end of the 60 day period to the department and all affected parties.

(b) The county legislative authority(ies) shall make every effort to resolve any inconsistencies within 60 days of submittal of written justification.

(c) The department may approve those portions of the coordinated water system plan found not to be inconsistent with adopted plans and policies at any time after the initial determination by the county legislative authority(ies).

(d) If after the 60 day period established for resolution of inconsistencies an inconsistency still exists, the affected parties shall each present their final recommended alternative solution to the department. The department shall then review all alternative solutions and discuss its recommendations with the county(ies) and the water utility coordinating committee. If after two years of the declaration of the critical water supply service area the inconsistencies persist, the department may deny proposals to establish or to expand any public water system facilities which affect that portion of the critical water supply service area being contested. [Statutory Authority: Chapter 70.116 RCW. 78-07-048 (Order 1309), § 248-56-800, filed 6/28/78.]

**WAC 248-56-810 Coordinated water system plan—**

**Department approval.** (1) A coordinated water system plan shall be submitted to the department for design approval within two years of the establishment of external critical water supply service area boundaries.

(a) In its review of the coordinated water system plan, the department shall ensure that every topic in the guidelines identified in WAC 248-56-720 has been covered to the extent necessary based on the size and nature of the water system(s) and characteristics of the critical water supply service area.

(b) The department shall not approve those portions of a coordinated water system plan which fail to meet the requirements for future service area boundaries pursuant to WAC 248-56-730.

(2) The department shall either approve the coordinated water system plan, or respond within 60 days from the date the plan is received. [Statutory Authority: Chapter 70.116 RCW. 78-07-048 (Order 1309), § 248-56-810, filed 6/28/78.]

**WAC 248-56-900 Severability.** If any provision of this chapter or its application to any person or circumstance is held invalid, the remainder of this chapter, or the application of the provision to other persons or circumstances, shall not be affected. [Statutory Authority:

Chapter 70.116 RCW. 78-07-048 (Order 1309), § 248-56-900, filed 6/28/78.]

# Chapter 248-57 WAC

## WATER SYSTEM COORDINATION ACT--FIRE FLOW REGULATIONS

### WAC

248-57-010	Purpose.
248-57-100	Definitions.
248-57-200	Scope.
248-57-300	Administration.
248-57-400	Application.
248-57-500	Minimum standards for fire flow.
248-57-600	Minimum standards for fire hydrants.
248-57-700	Minimum standards for system reliability.
248-57-800	Alternate methods.
248-57-900	Local standards.
248-57-990	Severability.

**WAC 248-57-010 Purpose.** This chapter is promulgated pursuant to the authority granted in the Public Water System Coordination Act of 1977, chapter 70.116 RCW, for the purpose of establishing minimum performance standards related to fire protection, including provisions for their application and enforcement, and incorporating them into the design and construction of new and expanding public water systems. [Statutory Authority: RCW 70.116.080. 79-04-007 (Order 1378), § 248-57-010, filed 3/12/79.]

**WAC 248-57-100 Definitions.** (1) "Public water system" - Any system or water supply intended or used for human consumption or other domestic uses including, but not limited to, source, treatment, storage, transmission and distribution facilities where water is furnished to any community, number of individuals, or is made available to the public for human consumption or domestic use. This definition shall exclude any water system serving one single family residence, water systems existing prior to September 21, 1977, which are owner operated and serve less than ten single family residences, and water systems serving no more than one industrial plant.

(2) "Expanding public water systems" - Those public water systems installing additions, extensions, changes, or alterations to their existing source, transmission, storage, or distribution facilities which will enable the system to increase in size its existing service area. New individual retail or direct service connections onto an existing distribution system shall not be considered an expansion of the public water system.

(3) "Department" - The Washington state department of social and health services.

(4) "Critical water supply service area" - A geographical area designated by the department or county legislative authority characterized by public water system problems related to inadequate water quality, unreliable service, and/or lack of coordinated water system planning. It may be further characterized by a proliferation of small, inadequate water systems, or by water

supply problems which threaten the present or future water quality or reliability of service in such a manner that efficient and orderly development may best be achieved through coordinated planning by public water systems in the area in accordance with chapter 248-56 WAC.

(5) "Fire flow" - The rate of water delivery needed for the purpose of fighting fires in addition to requirements for normal domestic maximum instantaneous demand as referenced in guidelines published by the department entitled "Design standards for public water supplies."

(6) "Local fire protection authority" - The fire district, city, town, or county directly responsible for the fire protection within a specified geographical area.

(7) "Water system plan" - A document identifying present and future water system needs and establishing a program for meeting those needs in the most efficient manner possible, and consistent with other relevant plans and policies affecting the area in which the system is located. (See WAC 248-54-580, 248-56-710 and 248-56-720, and the plan content guidelines for a detailed description of water system plans.)

(8) "Existing service area" - A specific area within which direct service or retail service connections to customers of a public water system are currently available.

(9) "Future service area" - A specific area for which water service is planned by a public water system as determined by written agreement between purveyors. (See WAC 248-56-730.)

(10) "Planning jurisdiction" - The city, town, county or other entity acting as the responsible agency for preparation and adoption of land use plans, policies or standards affecting development.

(11) "Development classifications" - Specific geographical areas within the existing and future service area of a public water system, identified for the purpose of determining the appropriate level of fire protection. [Statutory Authority: RCW 70.116.080. 79-04-007 (Order 1378), § 248-57-100, filed 3/12/79.]

**WAC 248-57-200 Scope.** These standards and regulations shall apply to the following new and expanding public water systems:

(1) Those having more than 1,000 services. (See WAC 248-54-580.)

(2) Those with less than 1,000 services located within the boundaries of a critical water supply service area and subject to the requirement for a coordinated water system plan. (See WAC 248-54-580 and 248-56-700.)

**NOTE:** Public water systems in existence prior to September 21, 1977, which are owner operated and serve less than ten single family residences; serving no more than one industrial plant; or are nonmunicipally owned with no plans for water service beyond their existing service area are exempt from the planning requirement.

[Statutory Authority: RCW 70.116.080. 79-04-007 (Order 1378), § 248-57-200, filed 3/12/79.]

**WAC 248-57-300 Administration.** (1) The department shall administer these regulations through its ongoing review and approval of water system plans and engineering reports as provided for in WAC 248-54-580, 248-54-590, and 248-56-810.

(2) In the event that plans and specifications for water system improvements are submitted to the department for approval under WAC 248-54-600 and the design of the proposed improvements is inconsistent with development classifications identified in the water system plan, (see WAC 248-57-400) the department shall not approve the plans and specifications.

(3) Plans and specifications for water system improvements (see WAC 248-54-600) proposed within those cities, towns, or counties which operate under local fire flow standards shall include written confirmation that they meet the requirements of adopted local standards from the authority administering those standards. (See WAC 248-57-900.) [Statutory Authority: RCW 70.116.080. 79-04-007 (Order 1378), § 248-57-300, filed 3/12/79.]

**WAC 248-57-400 Application.** (1) Water system plans prepared by those public water systems identified in WAC 248-57-200 shall include a section in their plans addressing fire flow, hydrant and system reliability standards in accordance with WAC 248-57-500, 248-57-600, and 248-57-700 respectively. The section shall include a map entitled development classifications consistent with the following:

(a) The map shall delineate the existing and future service area of the water system into the following categories:

(i) Rural - lot sizes greater than one acre (including parks, open space, agricultural lands, etc.)

(ii) Residential - lot sizes one acre or less, (including all single and multi-family structures less than 4000 square feet, and mobile home and recreational vehicle parks)

(iii) Commercial and multi-family residential structures with a floor area 4000 square feet or greater.

(iv) Industrial

(b) Assignment of the above categories shall be based upon:

(i) Existing development, and

(ii) Future development for a minimum of ten years as identified in proposed or adopted land use plans and policies applicable within the existing and future service area.

(c) The development classifications outlined in (a) above shall be determined by any method acceptable to

the planning jurisdiction(s), provided that the criteria used is consistent within a given critical water supply service area.

(2) The water system plan shall identify and schedule improvements needed in order for the water system to be capable of supplying required fire flow for new and expanding public water systems consistent with these regulations. [Statutory Authority: RCW 70.116.080. 79-04-007 (Order 1378), § 248-57-400, filed 3/12/79.]

**WAC 248-57-500 Minimum standards for fire flow.**

(1) Minimum fire flows shall be those set forth by city, town or county legislative authority where local standards have been promulgated in accordance with WAC 248-57-900.

(2) Where local standards have not been promulgated in accordance with WAC 248-57-900, minimum fire flows shall be those identified in Table 1. Contact with the county and local fire protection authority shall be made before applying these standards in a water system plan or to design of individual development.

**TABLE 1**

**MINIMUM FIRE FLOWS \***

Development Classification	Minimum Fire Flow Requirement
(as described in WAC 248-57-400)	
Rural	None
Residential	500 gallons per minute for 30 minutes
Commercial and multifamily structures greater than 4000 sq. ft.	750 gallons per minute 60 minutes**
Industrial	1000 gallons per minute for 60 minutes**

\* Minimum flows are in addition to requirements for normal domestic maximum use.

\*\* Commercial and industrial buildings may be subject to higher flow requirements when evaluated on an individual basis by the local fire protection authority.

**NOTE:** These minimum standards in most cases require less flow than categories in the guidelines published by the Insurance Services Office (Municipal Survey Service, 160 Water Street, New York, New York 10038) and therefore may not result in lower insurance rates.

[Statutory Authority: RCW 70.116.080. 79-04-007 (Order 1378), § 248-57-500, filed 3/12/79.]

**WAC 248-57-600 Minimum standards for fire hydrants.**

(1) In those areas where minimum fire flow requirements must be met, fire hydrants shall be provided in accordance with WAC 248-57-600. If phased installation of water facilities are approved by the department, fire hydrants do not need to be installed until source, storage, and transmission capacity needed to meet the minimum flow requirements are operational: *Provided*, That in such instances a "T" shall be installed every 900 feet where fire hydrants will be located.



(2) Fire hydrants shall be located at roadway intersections wherever possible and the distance between them shall be no further than 900 feet.

(3) All fire hydrants shall conform to American Water Works Association specifications for dry barrel fire hydrants. Each hydrant shall have at least two hose connections of 2 1/2" diameter each and one pumper connection. All connections must have national standard threads or other connection devices consistent with local fire protection authority requirements.

(4) Fire hydrants shall be installed plumb and be set to the finished grade. The bottom of the lowest outlet of the hydrant shall be no less than eighteen inches above the grade. There shall be thirty-six inches of clear area about the hydrant for operation of a hydrant wrench on the outlets and on the control valve. The pumper port shall face the most likely route of approach of the fire truck as determined by the local fire protection authority.

(5) Fire hydrants shall be located so as to be accessible by fire engines and not be obstructed by any structure or vegetation or have the visibility impaired for a distance of fifty feet in the direction of vehicular approach to the hydrant. Fire hydrants subject to vehicle damage (e.g., such as those located in parking lots) shall be adequately protected.

(6) Provisions shall be made to drain fire hydrant barrels to below the depth of maximum frost penetration.

(7) Out of service fire hydrants shall be repaired as soon as possible.

(8) Public water systems are encouraged to enter into contracts with local fire protection authorities to insure proper maintenance of fire hydrants. [Statutory Authority: RCW 70.116.080. 79-04-007 (Order 1378), § 248-57-600, filed 3/12/79.]

**WAC 248-57-700 Minimum standards for system reliability.** (1) The public water system shall be capable of supplying minimum fire flows either by gravity, or under the following conditions where fire flows are supplied by pumping:

(a) The largest pump out of service at any pumping level,

(b) The highest capacity treatment unit out of service, while maintaining minimum acceptable standards of water quality.

(c) A power outage in effect, unless the appropriate power utility(ies) records indicate a low incidence of electrical outage, defined as follows:

(i) Outages shall average three or less per year based on data for the three previous years with no more than six outages in a single year. Power must be lost for a minimum of 30 minutes in order to qualify as an "outage."

(ii) Outage duration shall average less than four hours based on data for the three previous years. Not more than one outage during the three previous year period shall have exceeded eight hours.

(2) In assessing system reliability, the department shall also give consideration to potential reliability hazards such as reservoir repair or cleaning and/or lack of parallel water transmission lines. [Statutory Authority: RCW 70.116.080. 79-04-007 (Order 1378), § 248-57-700, filed 3/12/79.]

**WAC 248-57-800 Alternate methods.** Fire protection may be provided by means other than those discussed in these regulations, provided that such alternate methods are fully documented in the water system plan and approved by both the local fire protection authority and the department. [Statutory Authority: RCW 70.116.080. 79-04-007 (Order 1378), § 248-57-800, filed 3/12/79.]

**WAC 248-57-900 Local standards.** (1) Where standards in these regulations do not fully meet the fire protection needs of a city, town or county, the appropriate city, town or county legislative authority may promulgate fire flow and system reliability performance standards applicable within their respective jurisdiction. Such standards shall be fully documented and provide at least equal performance and protection as the minimum requirements contained in these regulations.

(2) Standards established by local jurisdictions shall be submitted to the department for review, and approval if they at least meet the minimum level of protection required by these regulations.

(3) The city, town, or county which adopts local fire flow or system reliability standards shall be responsible for administering those standards. [Statutory Authority: RCW 70.116.080. 79-04-007 (Order 1378), § 248-57-900, filed 3/12/79.]

**WAC 248-57-990 Severability.** If any provision of the chapter or its application to any person or circumstance is held invalid, the remainder of this chapter or the application of the provision to other persons or circumstances, shall not be affected. [Statutory Authority: RCW 70.116.080. 79-04-007 (Order 1378), § 248-57-990, filed 3/12/79.]

**BEFORE THE  
BOARD OF ISLAND COUNTY COMMISSIONERS  
ISLAND COUNTY, WASHINGTON**

ADOPTING A COORDINATED        }  
WATER SYSTEM PLAN AND        }  
WATER GENERAL PLAN FOR       }  
ISLAND COUNTY, WASHINGTON } RESOLUTION NO. \_\_\_\_\_

WHEREAS, the Public Water Systems Coordination Act, Chapter 70.116 RCW, grants counties the authority to adopt coordinated water system plans; and

WHEREAS, Island County has not previously adopted a Coordinated Water System Plan; and

WHEREAS, the Board of Island County Commissioners declared Island County a critical water supply service area pursuant to the provisions of Chapter 70.116 RCW in Resolution No. PD 85-07 on July 15, 1985; and

WHEREAS, the Board established a Water Utility Coordinating Committee pursuant to RCW 70.116.040; and

WHEREAS, the Island County Water Utility Coordinating Committee reviewed a "draft plan" in accordance with the provisions of Chapter 248-56 WAC, Water System Coordination Act-Procedural Regulations; and

WHEREAS, the "draft plan" is entitled, "Regional Supplement of the Island County Coordinated Water System Plan"; and

WHEREAS, the Regional Supplement, in addition to the individual water system plans reviewed and approved according to the provisions of the Regional Supplement, will comprise the Island County Coordinated Water System Plan; and

WHEREAS, the Island County Planning Commission has studied and reviewed the Regional Supplement in accordance with Chapter 70.116 RCW and Chapter 36.70 RCW and recommended that the Board of Island County Commissioners adopt the Regional Supplement, which includes the provisions for review and approval of the individual water system plans, as the Island County Coordinated Water System Plan; and

WHEREAS, all future changes to the Coordinated Water System Plan must be in accordance with the provisions of Chapter 70.116 RCW and chapter 248-56 WAC; and

WHEREAS, the Sewerage Water and Drainage Systems Act, Chapter 36.94 RCW, grants counties the authority to adopt water general plans; and

WHEREAS, the Regional Supplement was also reviewed in accordance with Chapter 36.94 RCW by the Island County Standing Committee for Review of Sewerage and/or Water General Plans created pursuant to Ordinance No. \_\_\_\_\_; and

WHEREAS, RCW 36.94.030 requires that a sewerage and/or water general plan adopted by a county which has previously adopted a comprehensive land use plan must be adopted as an element of that comprehensive land use plan in accordance with the provisions of Chapter 36.70 RCW, the Planning Enabling Act; and

WHEREAS, the Island County Planning Commission has studied and reviewed the Regional Supplement and recommended that the Board adopt the Regional Supplement as an element of the Island County Comprehensive Land Use Plan in accordance with Chapter 36.94 RCW and Chapter 36.70 RCW; and

WHEREAS, all future changes to the Water General Plan must be in accordance with Chapter 36.94 RCW and Chapter 36.70 RCW; and

WHEREAS, the Board of Island County Commissioners held a public hearing on \_\_\_\_\_, pursuant to the notices required by law, at which time the Board considered the adoption of the Regional Supplement as the Island County Coordinated Water System Plan and the Island County Water General Plan; and

WHEREAS, after careful consideration of the recommendations of the Water Utility Coordinating Committee and the Planning Commission, the Board now finds the Regional Supplement is consistent with goals and policies of the Island County Comprehensive Plan and Chapter 36.70 RCW, and it is in the public interest that the Regional Supplement be adopted as the Island County Coordinated Water System Plan and as an element of the County Comprehensive Plan; and

WHEREAS, after careful consideration of the recommendations of the Standing Committee for Review of Sewerage and/or Water General Plans, and the Planning Commission, the Board now finds that it is advisable and necessary for the public health and welfare of the citizens of Island County that the Regional Supplement be adopted as the Island County Water General Plan so that the County may establish the authority to implement, to the extent it is deemed appropriate by the Board, certain provisions and recommendations of the Regional Supplement.

NOW, THEREFORE, BE IT RESOLVED by the Board of County Commissioners of Island County, Washington, that:

The Regional Supplement of the Island County Coordinated Water System Plan, attached as Exhibit A, and by this reference incorporated herein, is hereby adopted as follows:

1. As the Island County Coordinated Water System Plan, together with individual water system plans prepared by water purveyors in accordance with Chapter 248-54 WAC and Chapter 258-56 WAC, and subsequently reviewed and adopted in accordance with the provisions contained in the Regional Supplement; and

2. As an element of the Island County Comprehensive Plan in accordance with Chapter 36.70 RCW, for purpose of guiding future development of public water supply services and facilities, and adoption of official controls; and

3. As the Island County Water General Plan, pursuant to Chapter 36.94 RCW, subject to the stipulations that:

- A. The County, by establishing an authority to adopt, provide for, accept, establish, condemn, purchase, construct, add to, and/or maintain a system of water, shall undertake such activities if, and only if, in each case, the Board has determined, by its sole discretion, that such action by the County is in the public interest; and
- B. The County may, if deemed appropriate by the Board, enter into contracts for the establishment, maintenance, and operation of all or a portion of a system of water as outlined in the Regional Supplement and Water General Plan, and as provided in RCW 36.94.190; and
- C. No other duties or obligations shall be incurred by Island County, unless consistent with the provisions of the Water General Plan and specifically approved by the Board.