

1 Chapter 2.35
2 FOOD SERVICES

3 Sections:

4 ~~2.35.010 Chapter 246-215 WAC.~~

5 Code reviser's note: This text has been added during recodification as a placeholder for WAC
6 chapters adopted by reference.

7 2.35.010 Chapter 246-215 WAC.

8 This section adopts Chapter [246-215 WAC, Food Service](#), by reference. [~~Res. 13-07, Res. 04-22,~~
9 ~~Res. 93-32, Eff. 11/09/93, Res. 88-58, Prior code § 10.1~~].

10 Chapter 2.40
11 ENFORCEMENT PROCEDURES OF THE FOOD PROGRAM

12 Sections:

13 ~~2.40.010 Inspection frequency - Inspection form.~~

14 ~~2.40.020 Types of closures of food establishments.~~

15 ~~2.40.030 Suspension of food establishment permits.~~

16 ~~2.40.040 Revocation of food establishment permits.~~

17 ~~2.40.050 Food establishment closures - Lack of valid permit.~~

18 ~~2.40.060 Other procedures.~~

19 ~~2.40.010 Inspection frequency - Inspection form.~~

20 ~~A. Inspection Frequency. Food establishments will be inspected as often as required according~~
21 ~~to frequencies set by the Health Officer. Establishments with identified problems and~~

Commented [ER1]:
PROPOSED CHANGE: Remove this section completely.
RATIONALE FOR CHANGE:
Inspection Frequency: This is covered under [WAC 246-215-08400](#)
Inspection Forms: This is loosely covered under [WAC 246-215-08430-08440](#)

~~establishments about which complaints are received will be subject to a more frequent inspection schedule.~~

~~B. *Inspection Form.* Form titled "Food Service Establishment Inspection Form," DOH 334-001, will be the form used. This form sets forth violations as red critical items (items directly related to foodborne illness) and as blue items (items related to sanitation, design and maintenance). [Res. 01-18, Res. 96-24, Res. 95-16, Eff. 05/09/95, Res. 93-32, Eff. 11/09/93, Res. 92-06, Res. 90-01, Res. 88-59, Res. 85-43. Prior code § 10.2(1)].~~

~~2.40.020 _____ Types of closures of food establishments.~~

~~Food establishments may be closed in the following three ways:~~

~~A. *Permit Suspension.* By suspension of the food establishment permit.~~

~~B. *Permit Revocation.* By revocation of the food establishment permit.~~

~~C. *Closure Order – Lack of Valid Permit.* By Health Officer's order when a valid food establishment permit does not exist. [Res. 01-18, Res. 96-24, Res. 95-16, Eff. 05/09/95, Res. 93-32, Eff. 11/09/93, Res. 90-01, Res. 88-59, Res. 85-43. Prior code § 10.2(1)].~~

~~2.40.030 _____ Suspension of food establishment permits.~~

~~A. *Reasons for Permit Suspension.* Food establishment permits shall be suspended for any of the following reasons:~~

~~1. *Existing Immediate Health Hazard.* When an immediate health hazard exists for which there is no acceptable corrective remedy other than immediate closure of the food establishment.~~

~~Examples: Loss of refrigeration capacity or power; sewer backup and flooding; damage to the structure caused by accident or construction so that sanitary conditions cannot be maintained; loss of potable water supply; communicable disease in food workers of a severity, in the judgment of the Health Officer, to cause a serious public health hazard; red-item violations (regardless of hazard points) not immediately corrected or correctable;~~

Commented [ER2]: PROPOSED CHANGE: Remove entire section

RATIONALE FOR CHANGE: Types of enforcement are covered under WAC 246-215-08600 AND 08300

Commented [ER3]: PROPOSED CHANGE: Removal of entire section.

RATIONALE FOR CHANGE: Reasons for permit suspension & revocation as well as general procedures for carrying out suspension, revocation, and other enforcement are covered under [WAC 246-215-08600](#). The specific procedures called out in subsection B-C (procedures for suspension & reinstatement) are covered in the WAC and further detailed via internal procedures.

Subsection D: This is already called out in [WAC 246-215-08610](#) and Chapters [1.15](#) & [1.20](#)

1 ~~other situations deemed by the Health Officer to represent an immediate health hazard~~
2 ~~with the potential to cause foodborne illness.~~

3 ~~2.—Ongoing and Repeated Violations.~~ When there exist ongoing and repeated violations of
4 ~~food service regulations, of a nature and severity to warrant enforcement action, and when~~
5 ~~reasonable effort has been made to achieve voluntary compliance.~~

6 ~~3.—Hazard Points Following Office Conference.~~ When, after an office conference has been
7 ~~conducted, follow-up inspection at any time results in 100 or more total hazard points or~~
8 ~~75 or more red item hazard points.~~

9 ~~4.—Failure to Inspect, Maintain and Operate an On-Site Sewage System (OSS) in Accordance~~
10 ~~with Chapter 246-272 WAC.~~ When a food service establishment fails to annually inspect,
11 ~~maintain and operate an OSS in accordance with WAC 246-272-15501(4).~~

12 ~~B.—Procedures for Permit Suspension—~~

13 ~~1.—Existing Immediate Health Hazard.~~ When the food program sanitarian determines that
14 ~~an immediate health hazard exists at a food establishment and suspension of the permit~~
15 ~~immediately is indicated, the sanitarian will confirm this opinion by calling the office and~~
16 ~~obtaining authorization to close the food establishment from a member of the~~
17 ~~environmental health supervisory staff. The food program sanitarian will then complete the~~
18 ~~“Interim Health Officer’s order” form and issue to the person in charge at the time at the~~
19 ~~food establishment. The interim order will be followed by a confirming Health Officer’s~~
20 ~~order delivered in the same manner as set forth in subsection (B)(2) of this section.~~

21 ~~2.—Ongoing and Repeated Violations.~~ When the food program sanitarian determines that
22 ~~an ongoing and repeated violation of a significant nature has occurred in a food~~
23 ~~establishment and suspension of the permit is indicated, the sanitarian will confirm this~~
24 ~~opinion by calling the office and obtaining authorization to close the food establishment~~
25 ~~from a member of the environmental health supervisory staff. The food program sanitarian~~
26 ~~will then complete the “Interim Health Officer’s order” form and issue it to the person in~~
27 ~~charge at the time at the food establishment. The interim order will be followed by a~~
28 ~~confirming Health Officer’s order mailed to the permit holder both by regular and certified~~
29 ~~mail. Notice by mail will be considered acceptable service if for some reason the order~~
30 ~~cannot be delivered to the establishment.~~

~~3.—Hazard Points Following Office Conference. When an inspection shows the existence of 100 or more total hazard points or 75 or more red item hazard points and the red item hazard points are corrected, an office conference will be scheduled within five days' time. The problems in food handling identified by the inspection will be reviewed with the operator who will be advised that subsequent findings of a like nature, 100 or more total or 75 or more red items, will result in automatic closure. Such closure will follow the same procedures as outlined in subsection (B)(2) of this section. Each owner will be allowed one office conference (provided red items and significant blue items are immediately corrected), the purpose of which will be educational and instructional in nature in lieu of automatic closure. Office conferences will be followed by additional inspections beyond the routine inspection schedule as established by the Food Program Supervisor. A fee, as established by the Board of Health, will be charged for office conferences and additional inspections necessitated by high hazard points.~~

~~C.—Procedures for Reinstatement of Suspended Permit.~~

~~1.—Notice to Health District. The food establishment permit holder will notify the Health District when the violations causing the suspension of the permit have been corrected and request a reinspection. Such notification can be made by telephone.~~

~~2.—Reinspection. The Health District will arrange for reinspection as soon as possible and not later than 48 hours after receiving notice from the permit holder. No reinspection will be made the same day as the day of permit suspension and in no instance will permit reinstatement become effective the same day as the day of permit suspension. No permit reinstatement will occur until after a successful reinspection, and permit reinstatement will be considered interim until such time as the permit reinstatement fee is paid.~~

~~3.—Permit Reinstatement Fee. A permit reinstatement fee, as established by the Board of Health, will be required to reinstitute a food establishment permit after the establishment has been closed by Health Officer's order. Payment must be received in the Health District's Environmental Health Division office not later than the close of business (5:00 p.m.) on the first business day following the interim permit reinstatement or the permit will be considered invalid and the establishment immediately subject to SHDC 2.40.050. The permit reinstatement fee is doubled where permit suspension was the result of operations found to be continuing with an existing immediate health hazard.~~

1 ~~D. Hearings on Suspension.~~

2 ~~1. Request for Hearing. Any food establishment permit holder who feels that suspension~~
3 ~~of a permit is an incorrect action may request a hearing. Such request must be filed with~~
4 ~~the Health Officer not later than 10 calendar days, with the date of suspension counting as~~
5 ~~the first day. The request for a hearing must specifically state which violations cited by the~~
6 ~~food program sanitarian were incorrectly cited, or which portions of the enforcement~~
7 ~~procedures were incorrectly applied. Issues not addressed in the request for a hearing will~~
8 ~~not be considered at the time of the hearing.~~

9 ~~2. Conduct of Hearings. The Health Officer will arrange for a hearing to be conducted by~~
10 ~~the Health Officer or the Health Officer's designee. The time and place of the hearing will~~
11 ~~be designated by the Health Officer and be within 30 calendar days of receipt of the~~
12 ~~request for a hearing. The Health Officer or designee shall make a final finding based upon~~
13 ~~the complete hearing record and shall sustain, modify or rescind any notice or record~~
14 ~~considered in the hearing. A written report of the hearing decision shall be furnished to the~~
15 ~~holder of the permit by the Health Officer or designee.~~

16 ~~3. Food Establishment Permit Remains Suspended. The request for a hearing will not stay~~
17 ~~the suspension of the food establishment permit.~~

18 ~~4. Fee for Hearing. The filing of a request for hearing on suspension shall be accompanied~~
19 ~~by the payment of a fee. This fee shall be the same fee as the Environmental Health~~
20 ~~Division fee for a step two appeal procedure as set forth in the most recently published~~
21 ~~Environmental Health Division fee schedule. No hearing shall be scheduled or conducted~~
22 ~~without receipt of the fee payment. The fee shall be refunded if the appellant prevails in~~
23 ~~the hearing. [Res. 01-18, Res. 96-24, Res. 95-16, Eff. 05/09/95, Res. 93-32, Eff. 11/09/93,~~
24 ~~Res. 90-01, Res. 88-59, Res. 85-43. Prior code § 10.2(III)].~~

25 ~~2.40.040~~ ~~Revocation of food establishment permits.~~

26 ~~A. Reasons for Permit Revocation. Food establishment permits may be revoked for any of the~~
27 ~~following reasons:~~

Commented [ER4]: PROPOSED CHANGE: Removal of entire section.

RATIONALE FOR CHANGE: Reasons for permit revocation, as well as general procedures for carrying out revocation and other enforcement are covered under [WAC 246-215-08600](#).

1 ~~1.—*Serious and/or Repeated Violations.* When enforcement efforts have failed and serious~~
2 ~~and/or repeated violations of Chapter 246-215 WAC continue and such violations represent~~
3 ~~a serious public health hazard or represent continued poor sanitary and maintenance~~
4 ~~practices of a serious nature, the permit may be revoked by the Health Officer.~~

5 ~~2.—*Interference with Food Program Staff.* When interference has occurred in the~~
6 ~~performance of duty of Health District staff, the permit may be revoked by the Health~~
7 ~~Officer.~~

8 ~~3.—*Operation in Defiance of Closure Order.* Food service operations that continue to serve~~
9 ~~food to the public without a valid permit and in defiance of a Health Officer's order to~~
10 ~~suspend permitted operations shall be subject to permit revocation for a period of not less~~
11 ~~than five days.~~

12 ~~B.—*Procedures for Permit Revocation.*~~

13 ~~1.—*Hearing.* The Health Officer will not revoke a food establishment permit until an~~
14 ~~opportunity has been provided for a hearing before the Health Officer or the Health~~
15 ~~Officer's designee. Written notification of the hearing, including the time and place of the~~
16 ~~hearing, shall be made to the permit holder within 30 days of the last inspection or field~~
17 ~~visit relative to the action. The Health Officer or designee shall make a final finding based~~
18 ~~upon the complete hearing record and shall sustain, modify or rescind any notice or record~~
19 ~~considered in the hearing. A written report of the hearing decision shall be furnished to the~~
20 ~~holder of the permit by the Health Officer or designee.~~

21 ~~2.—*Health Officer's Order.* Permits shall be revoked through issuance of a Health Officer's~~
22 ~~order, said order to be delivered to the establishment and a copy mailed to the permit~~
23 ~~holder both by regular and certified mail. Notice by mail will be considered acceptable~~
24 ~~service if for some reason the order cannot be delivered to the establishment.~~

25 ~~3.—*Application for New Permit.* A permit holder whose food establishment permit has been~~
26 ~~revoked may make a written application for the purpose of obtaining a new permit. A~~
27 ~~hearing will be provided before the Health Officer or designee to determine if a new permit~~
28 ~~should be issued. In no case will a permit be issued for a food establishment during a~~
29 ~~period of revocation imposed for noncompliance with these procedures. [Res. 01-18. Res.—~~

1 ~~96-24. Res. 95-16, Eff. 05/09/95. Res. 93-32, Eff. 11/09/93. Res. 90-01. Res. 88-59. Res. 85-~~
2 ~~43. Prior code § 10.2(IV)].~~

3 ~~2.40.050~~ Food establishment closures — Lack of valid permit.

4 ~~A. Reasons for Closure Order. Failure to obtain a food establishment permit, failure to renew a~~
5 ~~food establishment permit within the permit renewal time, or failure to pay a permit~~
6 ~~reinstatement fee.~~

7 ~~B. Procedures for Closure.~~

8 ~~1. Health Officer's Order. Closure of a food establishment lacking a valid food~~
9 ~~establishment permit shall be accomplished through issuance of a Health Officer's order,~~
10 ~~said order to be prepared and delivered to the establishment and a copy mailed to the~~
11 ~~owner and operator both by regular and certified mail. Notice by mail will be considered~~
12 ~~acceptable service if for some reason the order cannot be delivered to the establishment.~~

13 ~~2. Permit Fee for Reopening. A food establishment closed due to lack of a valid food~~
14 ~~establishment permit may be opened upon obtaining such permit. The permit fee following~~
15 ~~closure due to lack of a valid permit shall be double the usual fee. [Res. 01-18. Res. 96-24.~~
16 ~~Res. 95-16, Eff. 05/09/95. Res. 93-32, Eff. 11/09/93. Res. 90-01. Res. 88-59. Res. 85-43.~~
17 ~~Prior code § 10.2(V)].~~

18 ~~2.40.060~~ Other procedures.

19 ~~A. Red Item Violations.~~

20 ~~1. Notification to Food Establishment. The food program sanitarian will notify the~~
21 ~~owner/operator of the existence of red item violations by noting such on the inspection~~
22 ~~form and discussing with the person in charge of the food establishment's operation at the~~
23 ~~time of the inspection.~~

Commented [ER5]: PROPOSED CHANGE: Remove this section entirely.

RATIONALE FOR CHANGE: This section is currently covered under WAC 246-215-[08300](#); [08600](#); [01115](#); and the food program's BOH approved [fee schedule](#).

Commented [ER6]: PROPOSED CHANGE: Remove this section entirely

RATIONALE FOR CHANGE:

A-B: "Red High Risk Factors" are defined in [WAC 246-215-01115](#). Note: Blue Items are not defined in the WAC. Red item and blue item violations ARE also described in the DOH approved inspection form/reports that are given to permit holders/operators.

Subsection C: Covered under [WAC 246-215-08340](#) and laid out in detail [Chapter 1.20](#) of this sanitary code.

Enforcement of red/blue violations are currently covered under internal procedures.

1 ~~2.—Disposition of Red Item Violations.~~ The food program sanitarian will note on the
2 inspection form the disposition of all red item violations, corrective actions taken, and
3 dates of reinspection.

4 ~~3.—Failure to Correct Red Item Violations.~~ Failure to correct red item violations immediately
5 (or within 72 hours when allowed for a specific item) will result in suspension of the food
6 establishment permit. The food program supervisor may allow an additional time for
7 correction in unusual circumstances when correction cannot be made in the time allocated
8 and when a serious public health hazard does not result from such extension.

9 ~~B.—Blue Item Violations.~~

10 ~~1.—Notification to Food Establishment.~~ The food program sanitarian will notify the
11 owner/operator of the existence of blue item violations by noting such on the inspection
12 form and discussing with the person in charge of the food establishment's operation at the
13 time of the inspection.

14 ~~2.—Correction of Blue Item Violations.~~ Blue item violations that are judged to represent a
15 serious hazard or to present direct jeopardy to the safety of food preparation will be
16 treated like red item violations (example, lack of hot water). Blue item violations judged
17 not to present an immediate public health hazard including those requiring major physical
18 alteration and remodeling will be placed upon a schedule of compliance, established
19 through discussion between the Health District and the operator.

20 ~~C.—Appeal of Permit Denial.~~

21 ~~1.—Any decision of the Health District with respect to applications for food establishment~~
22 ~~permits made pursuant to these rules and regulations may be appealed.~~

23 ~~2.—Any appeal of a decision of the Health District with respect to applications for permits~~
24 ~~under these regulations must be done in accordance with Chapter 1.20 SHDC, Right of~~
25 ~~Appeal. [Res. 01-18. Res. 96-24. Res. 95-16, Eff. 05/09/95. Res. 93-32, Eff. 11/09/93. Res.~~
26 ~~90-01. Res. 88-59. Res. 85-43. Prior code § 10.2(VI)].~~

~~Chapter 2.45~~

~~FOOD SERVICE MANAGER~~

~~Sections:~~

~~2.45.010 Food service manager training and certification.~~

~~2.45.020 Recertification training of restaurant managers and operators.~~

~~2.45.010 Food service manager training and certification.~~

~~Rules and regulations of the Snohomish Health District Board of Health governing food service manager training and certification course.~~

~~The Board of Health does authorize the Health Officer and his representatives to implement the following actions:~~

~~A. Create and provide a training program consisting of 12 hours of classroom instruction for food service industry managers, owners and operators.~~

~~B. Establish an interim enrollment fee initially set at \$75.00 per student for the remainder of calendar year 1990.~~

~~C. Provide and maintain a self-inspection program for managers who complete the training program. Managers who wish to enroll in the program would be obliged to submit to the food program office monthly inspection reports (Form DOH 334-001) of their establishment. Any manager who fails to submit reports in a timely manner will be dropped from the program.~~

~~D. Any facility whose manager completes the program at the end of the calendar year will be eligible for a rebate on the permit fee for that facility. That rebate amount will be initially established in the 1991 fee schedule, and thereafter by the current year fee schedule. [Res. 13-07. Res. 96-02. Res. 93-32, Eff. 11/09/93. Res. 90-32. Prior code § 10.3].~~

~~2.45.020 Recertification training of restaurant managers and operators.~~

~~Rules and regulations of the Snohomish Health District Board of Health governing food service manager training and certification course.~~

Commented [ER7]:

PROPOSED CHANGES: Propose to delete this entire chapter.

RATIONALE FOR CHANGE: We no longer do this training or allow restaurants to do a self-inspection for reduced fees. It's resource intensive and not financially sustainable. In addition, the new revisions in WAC [246-215-02107](#) require food establishments to have a certified food protection manager on-site. The certificate must come from an [accredited program](#).

~~The Snohomish Health District Food Program has established the goal of increasing its emphasis on advanced levels of training and education in the food service industry in an effort to minimize the occurrence of foodborne illness in the community.~~

~~The Board of Health does authorize the Health Officer to:~~

~~A. Create and provide a nine-hour recertification training program for those managers who have completed the manager certification course; and~~

~~B. Establish an enrollment fee as stated in the current year fee schedule. (Initially set at \$95.00 per student for calendar year 1994.) [Res. 13-07, Res. 93-34, Prior code § 10.3.1].~~

Title 4

WATER

Chapters:

Division I. Water Recreation Facilities

4.05 Rules and Regulations of the State Board of Health for Water Recreation

Facilities

4.10 Rules and Regulations of the State Board of Health for Recreational Water

Contact Facilities

4.15 Water Recreation Facility Enforcement Procedures

Division II. Drinking Water

4.25 Drinking Water Rules and Regulations

~~4.30 Supplemental Drinking Water Policies and Procedures for Individual Water Systems~~

4.31 Rainwater Catchment Systems

4.35 Water Quality Standards

4.40 Drinking Water Rules and Regulations – Arsenic Testing

1 Division I. Water Recreation Facilities

2 Chapter 4.05

3 RULES AND REGULATIONS OF THE STATE BOARD OF HEALTH FOR WATER RECREATION
4 FACILITIES

5 Sections:

- 6 4.05.010 Chapter 246-260 WAC.
- 7 4.05.020 Water recreation facilities emergency equipment.
- 8 4.05.030 Fresh water public swimming beach regulations.

9 Code reviser’s note: This text has been added during recodification as a placeholder for WAC
10 chapters adopted by reference.

11 4.05.010 Chapter 246-260 WAC.

12 This section adopts Chapter [246-260](#) WAC by reference. ~~[Res. 93-33, Prior code § 7.1].~~

13 4.05.020 Water recreation facilities emergency equipment.

14 Rules and regulations of the Snohomish ~~Health District~~County Board of Health governing water
15 recreation facilities. Modification of the requirements of Chapter [246-260](#) WAC, Water
16 Recreation Facilities, for emergency equipment:

17 ~~The Board of Health of the Snohomish~~The Snohomish County Board of Health ((~~Health~~
18 ~~District~~)) does modify the requirements of WAC [246-260-041\(11\)\(b\)](#) and WAC [246-260-](#)
19 [051\(5\)\(b\)](#) (~~(246-260-090(31)(b))~~) to require provision of either:

- 20 A. A telephone within one minute access; or
- 21 B. Alternate means for reaching emergency medical service response numbers in all limited
22 use swimming pool and spa facilities; and

Commented [ER8]:
RATIONALE FOR CHANGE:

Some water rec permits (i.e. camps) do not have landline telephones. In the example of camps, they have been approved to use radios to communicate to the front office where there is a landline available. Infrastructure is not available in places like this to install additional land lines at or near swimming pool/spa areas. This WAC has not caught up with telephone technology (i.e. cell phones).

1 C. Provision of an audible emergency alarm to alert others at area of need to respond. ~~Res-~~
2 ~~93-33. Prior code § 7.1.1.~~

3 4.05.030 Fresh water public swimming beach regulations.

4 The Snohomish ~~Health District~~County Board of Health finds that there is sufficient risk of illness,
5 including illness caused by E. coli O157:H7, associated with swimming at fresh water beaches to
6 enact these regulations. Under the authority of RCW [70.05.060](#), [70.05.070](#) and [70.90.125](#), the
7 Board of Health of Snohomish ~~Health District~~County does extend the requirements of WAC
8 [246-260-180](#), Bathing Beaches, to require the following:

9 Public bathing beaches are a type of water recreation facility designated for swimming in
10 natural waters. The operator of any fresh water public bathing beach within Snohomish County,
11 including its incorporated cities and towns, shall be responsible for implementing these
12 regulations.

13 Fresh water public bathing beaches operated by any city, town or other governmental or
14 private entity within Snohomish County shall, at a minimum:

15 A. Make written educational material easily available for users of the public bathing beach,
16 stating that Snohomish ~~Health District~~County Health Department recommends the following:

- 17 1. Persons with an infectious illness, including vomiting or diarrhea within the past seven
18 days, should not enter the beach waters.
- 19 2. Persons should shower thoroughly before entering the beach waters.
- 20 3. Children who are not toilet trained should not enter the water.
- 21 4. Small children should be taken on frequent bathroom breaks to avoid contamination of
22 the beach water.
- 23 5. All persons, including children, should thoroughly wash hands with soapy water after
24 using the restroom or changing diapers and before entering the beach water.
- 25 6. All persons, especially children, should be careful not to swallow any beach water.

1 7. Swimmers should wash their hands and face thoroughly with soapy water after
2 swimming and before eating or preparing food.

3 8. Pets should not be allowed in the public bathing beach waters or nearby inflowing
4 streams and should be kept on a leash at all times. Pet droppings should be immediately
5 collected by the owner and disposed of in a sanitary manner.

6 9. Waterfowl should not be fed or otherwise encouraged to be in the public bathing beach
7 area.

8 B. Provide easily visible signs at all times at the beach, stating the following:

9 The swimming waters at this beach are not treated to control spread of disease.
10 Swimming beach water, if swallowed, can sometimes cause illness because of bacteria,
11 viruses or parasites in the water. All beach users should follow bathing beach
12 recommendations to prevent contamination of the water and should avoid swallowing
13 of any beach water.

14 Written educational materials and signage shall be in such language(s) as determined to be
15 appropriate for the users of the public bathing beach.

16 Fresh water public bathing beaches operated by any city, town, or other governmental or
17 private entity within Snohomish County shall attempt to place restrooms and handwashing
18 facilities in a location convenient to the public bathing beach.

19 By July 1, 2000, Snohomish ~~Health District~~County Health Department shall meet with
20 governmental and private entities to specifically identify beaches to which the regulations shall
21 apply. ~~[Res. 00-17, Eff. 08/01/00. Prior code § 7.1.2].~~

22 Chapter 4.10

23 RULES AND REGULATIONS OF THE STATE BOARD OF HEALTH FOR RECREATIONAL WATER
24 CONTACT FACILITIES

25 Sections:

1 **4.10.010 Chapter 246-262 WAC.**

2 Code reviser’s note: This text has been added during recodification as a placeholder for WAC
3 chapters adopted by reference.

4 **4.10.010 Chapter 246-262 WAC.**

5 This section adopts Chapter [246-262](#) WAC by reference.

6 ~~For a copy of this booklet, please call the Food and Living Environment Section at 425-339-~~
7 ~~5250. [Res. 93-32, Eff. 11/09/93. Prior code § 7.2].~~

Commented [ER9]: Removed this completely as we do not provide booklets

8 **Chapter 4.15**
9 **WATER RECREATION FACILITY ENFORCEMENT PROCEDURES**

10 Sections:

- 11 **4.15.005 Authority.**
- 12 **4.15.010 Inspection frequency – Form – Guidelines.**
- 13 **4.15.020 Types of enforcement actions.**
- 14 **4.15.030 Office conference for water recreation facilities.**
- 15 **4.15.040 Mandatory training.**
- 16 **4.15.050 Permit suspension of water recreation facilities.**
- 17 **4.15.060 Closures Water recreation facility closures– Lack of valid permit.**
- 18 **4.15.070 Revocation of permit(s).**

19 Code reviser’s note: The Guidelines for Enforcement of Pool Regulations, dated December
20 2006, as attached to the resolution codified in this chapter, is adopted into this chapter by
21 reference.

1 **4.15.005** Authority.

2 The authority for this chapter is provided under Chapter 70.90 RCW; and Chapter 246-260
3 WAC, Rules and Regulations of the State Board of Health for Water Recreation Facilities, and
4 Chapter 246-262 WAC, Recreational Water Contact Facilities. [~~Res. 08-11, Eff. 04/08/08. Res.-~~
5 93-32, Eff. 11/09/93. Res. 91-20. Prior code § 7.3].

6 4.15.010 Inspection frequency – Form – Guidelines.

7 A. *Inspection Frequency.* Water recreation facilities will generally be inspected three times a
8 year. Facilities operated on a seasonal basis (less than six months annually) will be inspected at
9 least twice during their season. Facilities with identified problems may be subject to more
10 frequent inspections.

11 B. *Inspection Form.* Snohomish County Health Department~~District~~ form titled “Water
12 Recreation Facility Inspection Report” or the Department of Health form titled “Water
13 Recreation Facility Inspection Form” will be used.

14 C. *Inspection Guidelines.* The Water Recreation Facility Inspection Guidelines, dated December
15 2006, or latest version thereof, will be used in determining the type of enforcement action to
16 be taken based upon the type, severity and frequency of the violation. [~~Res. 08-11, Eff.-~~
17 ~~04/08/08. Res. 93-32, Eff. 11/09/93. Res. 91-20. Prior code § 7.3(1)].~~

18 **4.15.020** Types of enforcement actions.

19 Types of enforcement actions for water recreation facilities include:

20 A. *Office Conference.* A conference, in lieu of Water Recreation Facility Operating Permit
21 (permit) suspension.

22 B. *Mandatory Training.* Requiring the Water Recreation Facility owner or authorized
23 representative to participate in training to improve basic skills for operating pools.

24 C. *Permit Suspension.* By suspension of the permit.

Commented [ER10]:

Updated so the section can be read and interpreted without reference to the catchline.

Commented [ER11]:

Updated so the section can be read and interpreted without reference to the catchline.

1 D. *Closure for Lack of Permit.* By Health Officer’s order when a valid permit does not exist.

2 E. *Permit Revocation.* By revocation of the permit. ~~{Res. 08-11, Eff. 04/08/08. Res. 93-32, Eff.~~
3 ~~11/09/93. Res. 91-20. Prior code § 7.3(III)}.~~

4 **4.15.030** Office conference for water recreation facilities.

Commented [ER12]:
Updated so the section can be read and interpreted without reference to the catchline.

5 A. *Reasons For.* When an inspection indicates the presence of ongoing or repeated violations
6 of the water recreation facilities regulations, Chapters [246-260](#) and [246-262](#) WAC, an office
7 conference may be scheduled.

8 B. *Fee Required.* An office conference shall be accompanied by payment of a fee as established
9 by the Board of Health in the fee schedule.

Commented [ER13]: New subsection added to reflect there is an office conference fee.

10 ~~1. The conference will be scheduled within five working days from the date of the most-~~
11 ~~recent inspection.~~

Commented [ER14]: This will become an internal procedure. Not important to be in code.

12 ~~2.~~ 1. The problems identified during the inspection will be reviewed with the operator
13 and/or owner who will be advised that subsequent findings of a like nature will result in
14 permit suspension.

15 ~~3.~~ 2. Each owner will be allowed one office conference, the purpose of which will be
16 educational and instructional in nature, in lieu of automatic permit suspension.

17 ~~4.~~ 3. Office conferences may be followed by additional inspections beyond the routine
18 inspection schedule as established by the ~~Living Environment Program Supervisor, Safe~~
19 ~~Environments Section Supervisor.~~ ~~{Res. 08-11, Eff. 04/08/08. Res. 93-32, Eff. 11/09/93. Res.~~
20 ~~91-20. Prior code § 7.3(III)}.~~

Commented [ER15]: Updated Section Name. Living Environment is the old name for this EH section.

21 **4.15.040** Mandatory training.

Commented [ER16]:
RATIONALE FOR CHANGE:

22 ~~Reason for~~ Owners of water recreation facilities may be required to complete mandatory
23 training for the following reason(s):

Certified Pool Operator (CPO) is the nationwide industry standard for training on basic pool operation.
Commented [ER17]: Updated so the section can be read and interpreted without reference to the catchline.

1 *Failure to Demonstrate Knowledge.* When an inspection indicates the presence of ongoing or
2 repeated violations of the water recreation facilities regulations, Chapters [246-260](#) and [246-262](#)
3 WAC, related to the operation and maintenance of the pool, mandatory training may be
4 required. If the owner fails to identify the correct water chemistry parameters such as
5 acceptable pH range and disinfectant levels as well as failing to know how to document the
6 results of required water testing the owner or operator may be required to attend ~~a course on~~
7 ~~basic skills for operating a pool,~~ a Certified Pool Operator (CPO) or equivalent training approved
8 by the Washington State Department of Health within a timeframe determined by the Health
9 Officer. [Res. 08-11, Eff. 04/08/08; Res. 93-32, Eff. 11/09/93; Res. 91-20. Prior code 5-7.3(IV)].

10 **4.15.050** Permit suspension of water recreation facilities.

11 A. *Reasons For Permit Suspension.* Permits for water recreation facilities shall be suspended
12 for any of the following reasons: –

13 1. *Immediate Health or Safety Hazard.* When an immediate health or safety hazard exists
14 for which there are no appropriate corrective remedies other than closure of the water
15 recreation facility. Examples are: electrical power outage; lack of lighting; lack of potable
16 water supply; sewer back-up into public or water contact areas; lack of required safety
17 devices; gross chemical or physical contamination of the water; incidence of acute human
18 illness or severe injury directly attributed to the water recreation facility.

19 2. *Potential Health Hazard.* When any of the operational support capabilities are not
20 sufficient to prevent existence of a potential health hazard and no immediate remedy
21 exists other than closure of the water recreational facility. Examples are: malfunctioning
22 water filtration and/or disinfection equipment, methods, processes, or procedures;
23 malfunctioning water heating equipment; chemical disinfectant, water pH, or water
24 turbidity not within limits required in Chapters [246-260](#) and [246-262](#) WAC; bacteria count
25 exceeding safe limits and operational causes remain uncorrected.

26 3. *Ongoing and Repeated Violations.* When there exists ongoing and repeated violations
27 of water recreation facilities regulations, Chapters [246-260](#) and [246-262](#) WAC, of a nature
28 and severity to warrant enforcement action, and when reasonable effort has been made to
29 achieve voluntary compliance.

Commented [ER18]:

Updated so the section can be read and interpreted without reference to the catchline.

1 B. *Procedures for Suspension of Water Recreation Facility Permits-*

2 1. *Existing Immediate Health or Safety Hazard.* When the Environmental Health Specialist
3 determines that an immediate health or safety hazard exists, the Specialist will note the
4 specific violations on the inspection form and state on the form that the pool(s) and/or
5 spa(s) or the entire water recreational facility is closed, and deliver the form to the person
6 in charge of the water recreation facility. The applicable signs indicating the notice of
7 closure shall be posted by the Specialist at the entrances to the pool(s) and/or spa(s) or the
8 entire facility.

9 2. *Existing Potential Health Hazard.* When the Environmental Health Specialist determines
10 that a potential health hazard exists, the Specialist will note the specific violations on the
11 inspection form and state on the form that the pool(s) and/or spa(s) or entire water
12 recreational facility is closed, and deliver the form to the person in charge of the water
13 recreation facility. The applicable signs indicating the notice of closure shall be posted by
14 the Specialist at the entrances to the pool(s) and/or spa(s) or to the entire facility.

15 3. *Ongoing and Repeated Violations.* The decision to close a water recreation facility for
16 ongoing and repeated violations will be made by the Environmental Health Specialist and
17 confirmed by a member of the Environmental Health supervisory staff. The Specialist will
18 state the specific repeat violations on the inspection form and state on the form that the
19 pool(s) and/or spa(s) or the entire water recreational facility is closed, and deliver the form
20 to the person in charge of the water recreation facility. The applicable signs indicating the
21 notice of closure shall be posted by the Specialist at the entrances to the pool(s) and/or
22 spa(s) or to the entire facility.

23 C. *Procedures for Reinstatement of Water Recreation Facility Permits.*

24 1. *Notice to SCHD~~SHD~~.* The water recreation facility permit holder will notify SCHD~~SHD~~ by
25 telephone or in writing that: the violations causing the permit suspension have been
26 corrected; that if applicable that there has been sufficient treatment time for one complete
27 turnover of the questioned facility water; the water's quality has reached satisfactory levels
28 as outlined in Chapters [246-260](#) and [246-262](#) WAC; and that all noted safety hazards have
29 been eliminated.

1 2. *Reinspection.* The ~~SCHD SHD~~ will arrange for reinspection as soon as possible after
2 notification from the permit holder. Closures resulting from chemical and water quality
3 violations may possibly not be allowed to reopen the same day as the permit suspension,
4 dependent upon correction of the deficiencies and the passage of sufficient treatment
5 time. Mechanical or nonchemical/water quality violations resulting in closure may be
6 subject to reinspection the same day as the permit suspension provided the violation is
7 satisfactorily abated.

8 3. *Reinspection Fee.* A reinspection fee, as established by the Board of Health, will be
9 charged to each permitted facility after the facility permit has been suspended. Payment
10 must be received in the ~~SCHD's SHD's~~ Environmental Health Division office no later than
11 the close of business on the first business day following the closure or the permit will be
12 considered invalid and the facility subject to ~~SCBHC SHDC~~ [4.15.060](#).

13 D. *Hearings.*

14 1. *Request For.* A water recreation facility operating permit holder who believes that
15 suspension of a permit was an incorrect action may request a hearing. Such request must
16 be filed, in writing, with the Health Officer no later than 10 calendar days following the
17 inspection date, including the date of inspection. The request must state specifically which
18 violations cited in the permit suspension order were incorrectly cited and why the action of
19 the ~~SCHD SHD~~ in suspending the permit was incorrect. Issues not addressed in the request
20 will not be considered at the time of the hearing.

21 ~~2. *Conduct Of.* Hearings shall be conducted in accordance with Ch. 1.20 SCBHC, Right of~~
22 ~~Appeal. The Health Officer or Health Officer's designee will arrange for a hearing to be~~
23 ~~conducted at a selected time and place within 30 calendar days of receipt of the request~~
24 ~~for a hearing. The Health Officer or Health Officer's designee shall make a written finding~~
25 ~~and shall sustain, modify, or rescind any notice considered in the hearing.~~

26 3. *Water Recreation Facility Operating Permit Remains Suspended.* The request for
27 hearing will not stay the suspension of a water recreation facility operating permit. ~~{Res-~~
28 ~~08-11, Eff. 04/08/08. Res. 93-32, Eff. 11/09/93. Res. 91-20. Prior code § 7.3(V)}.~~

Commented [ER19]: Added reference to Ch.1.20, Right of Appeal.

1 **4.15.060** Water recreation facility Closures – Lack of valid permit.

Commented [ER20]: Updated so the section can be read and interpreted without reference to the catchline.

2 A. *Reasons For.*

- 3 1. Failure to obtain a water recreation facility operating permit.
- 4 2. Failure to renew a water recreation facility operating permit within the permit renewal
- 5 time.

6 B. *Procedures.*

7 1. *Health Officer's Order.* Closure of a water recreation facility lacking a valid water

8 recreation facility operating permit shall be accomplished through issuance of a Health

9 Officer's order, said order to be delivered to the facility operator and mailed to the owner

10 of the facility by both regular and certified mail. Notice by mail will be considered

11 acceptable if the order cannot be delivered to the facility.

12 2. *Application to Reopen.* A water recreation facility closed due to lack of a valid water

13 recreation facility operating permit may be opened upon payment of the requisite fee and

14 obtaining such permit. ~~{Res. 08-11, Eff. 04/08/08; Res. 93-32, Eff. 11/09/93; Res. 91-20-~~

15 ~~Prior code § 7.3(VI)}.~~

16 **4.15.070** Revocation of permit(s).

17 A. *Reasons For.*

18 1. *Serious and/or Repeated Violations.* When enforcement efforts for water recreation

19 facilities have failed and serious and/or repeated violations of Chapters 246-260 and 246-

20 262 WAC continue, and such violations represent a serious public health hazard or

21 represent continued poor sanitary and safety practices of a serious nature, the permit may

22 be revoked by the Health Officer or Health Officer's designee.

Commented [ER21]:
Updated so the section can be read and interpreted without reference to the catchline.

23 2. *Interference with Environmental Health Staff.* When water recreation facility staff have

24 prevented inspection activities or otherwise interfered in the performance of duty of

25 Snohomish County Health Department~~District~~ staff, the permit may be revoked by the

26 Health Officer or Health Officer's designee.

1 3. *Operation in Defiance.* Water recreation facilities that continue to operate without a
2 valid permit and in defiance of a permit suspension shall be subject to permit revocation
3 for a period of not less than five days.

4 B. *Procedures.*

5 1. *Hearing.* The Health Officer or Health Officer’s designee will not revoke a water
6 recreation facility operating permit until an opportunity has been provided for a hearing
7 before the Health Officer or Health Officer’s designee. Written notification of the hearing,
8 including the time and place of the hearing, shall be made to the permit holder within 30
9 days of the last inspection or field visit relative to the action. The Health Officer or Health
10 Officer’s designee shall make a final finding based upon the complete hearing record and
11 shall sustain, modify or rescind any notice or record considered in the hearing. A written
12 report of the hearing decision shall be furnished to the holder of the permit by the Health
13 Officer or Health Officer’s designee within 15 days of the conclusion of the hearing.

14 2. *Health Officer’s Order.* Water recreation facility permits ~~Permits~~ shall be revoked
15 through issuance of a Health Officer’s order, said order shall be delivered to the facility
16 operator and mailed to the owner of the facility by both regular and certified mail. Notice
17 by mail will be considered acceptable if the order cannot be delivered to the facility.

18 3. *Application for New Permit.* A permit holder whose water recreation facility operating
19 permit has been revoked may make written application and pay fee for the purpose of
20 obtaining a new permit. A hearing will be provided before the Health Officer or Health
21 Officer’s designee to determine if a new permit should be issued. ~~[Res. 08-11, Eff.~~
22 ~~04/08/08. Res. 93-32, Eff. 11/09/93. Res. 91-20. Prior code § 7.3(VII)].~~

Commented [ER22]:
Updated so the section can be read and interpreted without reference to the catchline.

23 Division II. Drinking Water

24 Chapter 4.25

25 DRINKING WATER RULES AND REGULATIONS

26 Sections:

Commented [ER23]: *Merged Ch.4.30 into Ch.4.25*****
RATIONALE FOR CHANGE:
Ch.4.30 were supplemental procedures to Ch.4.25. Having these two chapters separated added no value. This will eliminate circular references and redundancies. It also makes it easier to read and interpret for all users of the code.

- 1 [4.25.010](#) ~~Title.~~ Authority and purpose.
- 2 ~~4.25.020 Purpose.~~
- 3 [4.25.030](#) Definitions.
- 4 [4.25.040](#) Individual water supplies – Assessments, ~~Policies~~ policies, and procedures.

5 [4.25.010](#) Authority and purpose. ~~Title.~~

6 A. Authority. These ~~rules and regulations administrative standards, policies, and procedures~~
 7 ~~shall be known as the “Supplemental Drinking Water Policies and Procedures for Individual~~
 8 ~~Water Systems” and~~ are established by the Snohomish County Board of Health pursuant to its
 9 authority under vested in the Snohomish Health District Board of Health by RCW [70.05.060](#).

Commented [ER24]: Creating an authority and purpose section to be consistent with other chapters of code (drug labs, solid waste, etc...)

10 B. Purpose. These rules and regulations are adopted for the protection of public health
 11 through the establishment of minimum drinking water standards and the policies and
 12 procedures by which to review same. ~~[Res. 96-13, Res. 93-32, Eff. 11/09/93. Prior code S 9.1(I)].~~

13 ~~4.25.020 Purpose.~~

14 ~~These rules and regulations are enacted as an exercise of the powers and duties of the~~
 15 ~~Snohomish Health District Board of Health to preserve, promote and improve the public health.~~
 16 ~~The provisions herein shall be liberally construed for the accomplishment of the purposes.~~

Commented [ER25]: Deleted as this is already covered in the 1st paragraph of 4.25.010.

17 Further more, these regulations are intended to allow and support the Snohomish County
 18 Health ~~Department~~ District (SCHD) in carrying out the responsibilities and duties contained in
 19 Chapters [4.25](#) through [4.40](#) ~~SCBHCSHDC~~ and ~~SCBHCSHDC~~ Title [5](#).

20 It is the specific intent of these rules and regulations to place the obligation of compliance upon
 21 the owner of an individual water system. Nothing contained in these rules and regulations shall
 22 be construed to prevent the Health Officer from requiring compliance with higher requirements
 23 than those contained herein where such higher requirements are essential to maintain a safe
 24 and sanitary condition.

Commented [ER26]:
Relocated from 4.25.040 AND 4.30.010(B)

~~No provision of, nor term used in, these rules and regulations is intended to impose any duty upon the Snohomish Health District or any of its employees. [Res. 96-13, Res. 93-32, Eff. 11/09/93. Prior code § 9.1(II)].~~

Commented [ER27]:
Relocated to 1.03.030, Liberal Construction.

4.25.030 Definitions.

In addition to the definitions found in Chapter [4.35 SCBHCSHDC](#), Section 2 of the Guidelines for Determining Water Availability for New Buildings, Ecology Publication 93-27, April 1993, and Chapter [173-160](#) WAC, the following shall apply:

~~“Adequate” means meeting the source siting, construction, and quantity requirements, and standards of the these procedures. “Supplemental Drinking Water Policies and Procedures for Individual Water Systems.”~~

Commented [ER28]:
Definition merged with Ch.4.30.020

“Individual water supply (IWS)” consists of one source serving one single-family residence or one source serving two single-family residence structures or units and is exempt from the State Board of Health Drinking Water Regulations, Chapter [246-291](#) WAC.

~~“Potable” means meeting the water quality parameters as established in these procedures, the “Supplemental Drinking Water Policies and Procedures for Individual Water Systems.” [Res. 96-13, Res. 93-32, Eff. 11/09/93. Prior code § 9.1(III)].~~

Commented [ER29]:
Definition merged with Ch.4.30.020 definition.

4.25.040 ~~Policies and procedures-Individual water supplies – Assessments, policies, and procedures.~~

~~In accordance with state and local regulations, the Snohomish County Health Department (SCHD) performs assessments of proposed and existing individual water supplies (IWSs) for adequacy and potability. These assessments are for the purposes of establishing proof of adequate and potable water as a part of the approval process for subdivisions, building permits and/or issuance of permits for installation of on-site sewage disposal systems. Furthermore, assessments are requested in response to inquiries received from individuals, agencies, and other entities seeking information regarding IWSs.~~

Commented [ER30]:
Not new policy. Relocated from Ch.4.30.010(A).

1 The following procedures are established pursuant to Chapters 4.25 through 4.40 SCBHC and
2 SCBHC Title 5, prescribing minimum requirements, standards, and procedures for assessment
3 and use of IWSs, prescribing data to be disclosed to the Environmental Health Division
4 concerning the use of IWSs and setting forth the information to be furnished to the
5 Environmental Health Division prior to response by SCHED to any request for assessment of a
6 particular IWS.

Commented [ER31]: Not new policy Relocated from Ch.4.30.010(B).

7 The Snohomish Health District policy titled “Supplemental Drinking Water Policies and
8 Procedures for Individual Water Systems” prescribes the minimum drinking water standards
9 and the assessment procedures and standards therein applied for individual water systems;
10 prescribing data to be disclosed to and procedures to be followed by the Environmental Health
11 Division concerning said water systems including:

Commented [ER32]:
4.30.030 has been merged with 4.25.040.

12 A. *Assessments for Determining Water Availability and Acceptance for New Buildings.* As
13 applicable to RCW [19.27.097](#), and/or issuance of permits for installation of on-site sewage
14 disposal systems for new residences shall include the following:

15 1. ~~SCHD SHD~~ approval of “Application for an Individual Water Supply Site Inspection.” Site
16 criteria as established in Chapter 173-160 WAC and Chapters 4.25 through 4.40 SCBHC and
17 SCBHC Title 5.

Commented [ER33]:
This is not new code language. Relocated from Ch.4.30.030.

18 2. ~~SCHD SHD~~ approval of “Request for Review: Individual Water Supply.” including the
19 following minimum submittals:

20 a. Signed declaration of applicant;

21 b. Copy of water well report (well drillers log) verifying well construction per Chapter
22 173-160 WAC;

23 c. Documentation of well yield testing per WAC 173-160-345(1) sufficient in detail to
24 demonstrate a minimum 400 gallons per day per residential connection;

25 d. Satisfactory results of a bacteriological analysis; and

26 e. Satisfactory results of inorganic chemical analyses for the following: arsenic,
27 barium, cadmium, chromium, lead, mercury, selenium, silver, sodium, fluoride, and
28 nitrate.

Commented [ER34]:
This is not new code language. Relocated from Ch.4.30.030.

3. For IWSs consisting of more than one single-family residential connection the following must be provided in addition to subsections (A)(1) and (A)(2) of this section: recorded declaration of water use agreement(s), easement(s), and restriction(s) including the following minimum information:-

a. Identification of the supply as an individual water supply;

b. Description of system management and ownership;

c. Identification of the property or properties served; and

d. Recognition of system restrictions as determined by SCHED.

Commented [ER35]:

This is not new code language. Relocated from Ch.4.30.030.

4. For IWSs consisting of more than one single-family residential connection where the structures served do not exist on the same property the following must be provided in addition to subsections (A)(1) through (A)(3) of this section: SCHED SHD approval of "Application for an Individual Water Supply Site Inspection" demonstrating potential well sites on each of the two properties. Site criteria as established in Chapter 173-160 WAC and Chapters 4.25 through 4.40 SCBHC and SCBHC Title 5.

Commented [ER36]: This is not new code language. Relocated from Ch.4.30.030.

B. *Operational Checks.* Assessments of water supply source quality in response to "Request for Report on an Individual Water System" will include SCHED SHD testing of water quality parameters as established in subsections (A)(2)(d) and (A)(2)(e) of this section, the "Supplemental Drinking Water Policies and Procedures for Individual Water Systems."

~~C. *Well Sealing and Decommissioning.* Pursuant to the "Memorandum of Agreement between State of Washington Department of Ecology and Snohomish Health District," delegating to SHD the authority to administer and enforce the well sealing and decommissioning portions of the water well construction program in accordance with the provisions of Chapter 173-160 WAC entitled Minimum Standard for Construction and Maintenance of Wells, notification to SHD must be received prior to sealing or decommissioning of any new or existing well in Snohomish County.~~

Commented [ER37]:

We do not currently have an active MOA with Ecology for this. In addition, MOA's should not be codified.

~~Nothing contained in the process shall be construed to prevent the Health Officer from requiring compliance with higher requirements than those contained herein where such higher requirements are essential to maintain a safe and sanitary condition. Revisions or modifications~~

Commented [ER38]: This language is also repeated in 4.30.010(B). Relocating this to 4.25.010, *Authority*.

Note: Ch.4.30 is now deleted.

1 ~~to the policy shall be approved by the Director of Environmental Health. [Res. 96-13, Res. 93-32,~~
2 ~~Eff. 11/09/93. Prior code 5 9.1(IV)].~~

3 C. Determining Maximum Contaminant Level (MCL) Violations for an IWS.

4 1. Coliform bacteria are not to exceed one per 100 milliliters for any sample tested using
5 the membrane filter method; nor are there to be any present using the presence/absence
6 method of testing.

7 2. The presence of any tested primary contaminant measured above the MCL, as defined
8 in WAC 246-290-310, shall make that water supply initially unacceptable and subject to
9 further sampling and testing to determine whether an MCL violation has occurred.

10 a. Three samples must be taken at the well. Prior to the taking of each sample, either
11 a quantity of water equal to three well volumes for drilled wells or two well volumes
12 for dug wells, pumped at the well's measured production rate, must be pumped.

13 b. The water must be tested for the same contaminant(s) found in excess of the MCL
14 in the initial sample and the results of the three samples will be averaged. The average
15 of these three sample results will be used to determine if an MCL violation has
16 occurred. If any single sample exceeds double the MCL, then the violation will be
17 considered confirmed.

18 c. At least one of the three samples must be collected by SCHD personnel.

19 d. No two samples used for averaging may be collected on the same day. There shall
20 be a minimum of 15 days between collection of the first and third samples used for
21 averaging.

22 D Water Treatment. Pursuant to these procedures, as well as other guidelines presently in
23 effect, when evaluating test results for primary contaminants, the MCLs cannot be exceeded
24 and be in compliance with RCW 19.27.097 as a potable water supply. However, RCW 19.27.097
25 and the Department of Ecology (DOE) guidelines have not provided specifics on the issue of
26 treatment of such water to be in compliance with RCW 19.27.097. Therefore, for the sake of
27 consistency in the evaluation by SCHD and to provide commonality of standards for applicants,
28 as well as standards by which the County Department of Planning and Development Services
29 can consider the recommendations of the SCHD relative to the same, the following constitute

Commented [ER39]:

This is not new code language. Subsections (C-G) were taken from Ch.4.30, Supplemental Procedures. Ch.4.30 is now deleted.

Commented [ER40]:

This is not new code language. Subsections (C-G) were taken from Ch.4.30, Supplemental Procedures. Ch.4.30 is now deleted.

Commented [ER41]:

The county agency that SCHD is providing comment to related to water supply review under the Growth Management Act (GMA) is PDS.

Changed to PDS now that the Health Dept is part of the county.

1 what the SCHED considers to be minimum acceptable standards for source treatment where
2 primary contaminants exceeding MCLs are confirmed:

3 The SCHED shall provide to the Department of Planning and Development Services a
4 recommendation of general compliance to the DOE guidelines and these procedures, even
5 when test results for primary contaminants exceed the MCLs; provided, that an applicant has
6 demonstrated satisfactory treatment and provided the following conditions have been or shall
7 be met:

8 1. Water treatment must be installed at or before the point of entry and provide for
9 whole house treatment.

10 2. Point of use treatment devices shall not be considered to satisfy the requirements of
11 these procedures.

12 3. The treatment system must be capable of producing a minimum of 400 gallons of
13 treated water per residential connection per day. However, a daily volume of less than 400
14 gallons per residential connection may be considered adequate if such a reduced volume is
15 combined with appropriate conservation or storage measures rendering the additional
16 volume unnecessary. The treatment system plan shall not allow the plumbing arrangement
17 to bypass the treatment system.

18 4. Treatment proposals shall be designed by a state of Washington licensed professional
19 engineer and shall at a minimum include:

20 a. Expected yield of treated water.

21 b. Locations at which treated water will be supplied.

22 c. Other water quality parameters considered in the design of the treatment process.

23 d. Minimum operation and maintenance requirements for the treatment process.

24 e. Method of treatment process residuals management.

25 f. Minimum ongoing testing requirements.

26 5. The applicant/property owner, prior to issuance of county building permit, is required
27 to record with the Snohomish County Auditor a statement containing the common and

1 legal address of the property, the property legal description and tax parcel number, as well
2 as the present owner's name and containing, as a minimum, the following additional
3 information:

4 a. The parameter that is found in the violation of the MCL and being treated for.

5 b. The concentrations of the parameter that exceeds the established MCL, both
6 before and after treatment.

7 c. The type of treatment process installed.

8 d. The expected yield of treated water, expressed in gallons per day.

9 e. Locations at which treated water is provided.

10 f. That the treatment device must be properly maintained, along with periodic
11 sampling, to ensure continued safety of the water supply. (Note: Specific sampling
12 frequency is to be set in accord with the designing engineer's recommendations, with a
13 minimum of no less than once annually.)

14 g. A stated understanding and acknowledgment, by the property owner, that failure
15 to sample and maintain the treatment system may result in adverse health effects to
16 the users of the water supply and that any untreated water is considered unsafe for
17 consumption.

18 h. The owner's obligation and responsibility to notify future property owners, heirs,
19 successors, or tenants about the treatment device, proper maintenance and
20 operations, sampling requirements, potential health risks, and most recent sample
21 results of the water supply both before and after treatment.

22 i. That the SCHED may conduct a site visit within the first two years of occupancy for
23 the purpose of collecting a sample of the treated water for analysis and to provide
24 owner/occupant education relating to individual water supplies.

25 6. SCHED will charge fees for records maintenance, follow-up water testing, and owner
26 education activities as set forth by the Board of Health in the current fee schedule.

27 7. All proposals for water treatment must be reviewed by SCHED for consistency with these
28 policies and procedures. Furthermore, the applicant shall execute a statement which

provides that any such review shall not constitute an endorsement by SCHED that such a treatment system in fact works, is reliable, or otherwise warranted or guaranteed to effectively treat the water to eliminate all health risks. In all respects, the applicant assumes full and complete responsibility and liability relative to the effectiveness, reliability and viability of a water treatment system.

E. Lead Levels. Pursuant to these procedures, as well as other guidelines presently in effect, when evaluating test results for contaminants, in the absence of an established MCL, the following evaluation procedure for lead levels in drinking water applies:

1. SCHED, in determining potability for compliance with the assessment procedures outlined in subsections (A) and (B) of this section, will apply the EPA "Action Level" of 0.015 mg/l.

2. For results in excess of 0.015 mg/l, the applicant is required to conduct additional testing to demonstrate that the source water is of adequate quality with lead levels less than 0.015 mg/l.

F. Fluoride Levels. Pursuant to these procedures, as well as other guidelines presently in effect, when evaluating test results for contaminants, the primary MCL of 4.0 mg/l for fluoride cannot be exceeded and be in compliance with the potability requirements outlined in subsections (A) and (B) of this section. For results in excess of 4.0 mg/l, subsections (C) and (D) of this section will apply. For fluoride analyses with results less than or equal to 4.0 mg/l and greater than 2.0 mg/l, the following evaluation procedures apply:

1. The procedures outlined in subsection (C) of this section will apply to determine the level.

2. Upon confirmation of the level as being within the 2.0 mg/l to 4.0 mg/l range, written notification will be sent to the applicant outlining the test results with attached toxics fact sheet for fluoride. Additionally, the notification will direct the applicant to sample quarterly for a two-year period to confirm stability of levels with reduced sampling frequency of one per year if stable within the 2.0 mg/l to 4.0 mg/l range.

3. The owner/applicant must notify future owners, heirs, successors, or tenants of the presence of fluoride in the drinking water and record the notification letter outlined in subsection (F)(2) of this section on the title of the property.

Commented [ER42]:
This is not new code language. Subsections (C-G) were taken from Ch.4.30, Supplemental Procedures. Ch.4.30 is now deleted.

Commented [ER43]:
This is not new code language. Subsections (C-G) were taken from Ch.4.30, Supplemental Procedures. Ch.4.30 is now deleted.

Commented [ER44]: Updated from (D) to (C) and (E) to (D) to reflect deletion of original subsection (C) *Well Sealing and Decommissioning*

Commented [ER45]: Updated from (D) to (C) to reflect deletion of original subsection (C) *Well Sealing and Decommissioning*

Commented [ER46]:
Updated from (G) to (F) to reflect deletion of original subsection (C) *Well Sealing and Decommissioning*

1 G. Arsenic Levels. Pursuant to these procedures, as well as other guidelines presently in effect,
2 when evaluating test results for contaminants, the following additional procedures for arsenic
3 apply:

Commented [ER47]:
This is not new code language. Subsections (C-G) were taken from Ch.4.30, Supplemental Procedures. Ch.4.30 is now deleted.

4 1. For the purpose of these procedures the MCL for arsenic shall be 0.010 mg/l (10 parts
5 per billion [ppb]).

6 2. For the purpose of satisfying subsection (D) of this section, treatment will only be
7 considered for contaminant levels less than or equal to 0.150 mg/l (150 ppb).

Commented [ER48]:
Updated from (E) to (D) to reflect deletion of original subsection (C) *Well Sealing and Decommissioning*

8 3. For arsenic levels greater than 10 ppb and less than or equal to 50 ppb, compliance
9 with subsection (D) (5) of this section is required prior to SCHD acceptance of the on-site
10 sewage system “as-built” drawing for the structure to be served with treated water.

Commented [ER49]:
Updated from (E) to (D) to reflect deletion of original subsection (C) *Well Sealing and Decommissioning*

11 4. Subsections (D)(1), (D)(2) and (D)(3) of this section do not apply to arsenic levels less
12 than or equal to 50 ppb.

Commented [ER50]: Updated from (E) to (D) to reflect deletion of original subsection (C) *Well Sealing and Decommissioning*

13 5. In addition to the requirements listed in subsection (D) of this section, for individual
14 water supplies with treatment to remove arsenic, the following U.S. Environmental
15 Protection Agency “Health Effects Statement” shall be recorded onto the property title:

Commented [ER51]: Updated from (E) to (D) to reflect deletion of original subsection (C) *Well Sealing and Decommissioning*

16 Some people who drink water containing arsenic in excess of the MCL over many
17 years could experience skin damage or problems with their circulatory system, and
18 may have an increased risk of getting cancer. (40 CFR 141.154(f) and
19 141.153(d)(6)).

20 6. For individual water supplies with arsenic detected at or below the MCL, a statement
21 must be recorded onto the property title prior to issuance of building permit, containing at
22 a minimum the following:

23 a. The results of each known arsenic analysis as well as any average used to
24 determine compliance with the MCL.

25 b. That arsenic concentrations in groundwater can vary over time.

26 c. That there is variability in laboratory reporting.

d. The following U.S. Environmental Protection Agency (EPA) “Informational Statement”:

While your drinking water meets EPA’s standard for arsenic, it does contain low levels of arsenic. EPA’s standard balances the current understanding of arsenic’s possible health effects against the costs of removing arsenic from drinking water. EPA continues to research the health effects of low levels of arsenic which is a mineral known to cause cancer in humans at high concentrations and is linked to other health effects such as skin damage and circulatory problems. (40 CFR 141.154(b)(1)).

7. When averaging samples per subsection (C)(2) of this section, if any single sample exceeds 0.050 mg/L (50 ppb) arsenic then the MCL violation will be considered confirmed. Averaging per subsection (C) (2) of this section may be completed to determine the type of treatment required.

Commented [ER52]: Updated from (D) to (C) to reflect deletion of original subsection (C) *Well Sealing and Decommissioning*

Commented [ER53]: Updated from (D) to (C) to reflect deletion of original subsection (C) *Well Sealing and Decommissioning*

Chapter 4.30

SUPPLEMENTAL DRINKING WATER POLICIES AND PROCEDURES FOR INDIVIDUAL WATER SYSTEMS

Sections:

- ~~4.30.010 — Purpose.~~
- ~~4.30.020 — Definitions.~~
- ~~4.30.030 — Individual water supplies — Assessments, policies and procedures.~~

Commented [ER54]:
This chapter was merged into Ch.4.25 and can now be deleted.

~~4.30.010 — Purpose.~~

~~A. In accordance with state and local regulations, the Snohomish Health District (SHD) performs assessments of proposed and existing individual water supplies (IWSs) for adequacy~~

1 ~~and potability. These assessments are for the purposes of establishing proof of adequate and~~
2 ~~potable water as a part of the approval process for subdivisions, building permits and/or~~
3 ~~issuance of permits for installation of on-site sewage disposal systems. Further, assessments~~
4 ~~are requested in response to inquiries received from individuals, agencies, and other entities~~
5 ~~seeking information regarding IWSs.~~

6 ~~B. The following “Supplemental Drinking Water Policies and Procedures for Individual Water~~
7 ~~Systems” (supplemental procedures) are established pursuant to Chapters 4.25 through 4.40~~
8 ~~SHDC and SHDC Title 5, prescribing minimum requirements, standards, and procedures for~~
9 ~~assessment and use of IWSs, prescribing data to be disclosed to the Environmental Health~~
10 ~~Division concerning the use of IWSs and setting forth the information to be furnished to the~~
11 ~~Environmental Health Division prior to response by SHD to any request for assessment of a~~
12 ~~particular IWS. Nothing contained in this process shall be construed to prevent the Health~~
13 ~~Officer from requiring compliance with higher requirements than those contained herein where~~
14 ~~such higher requirements are essential to maintain a safe and sanitary condition and protect~~
15 ~~public health. [Res. 02-13. Revised 01/31/03. Revised 02/09/98. Res. 96-13 § 3. Prior code § 9.1~~
16 ~~(Attachment) (I, II)].~~

17 ~~4.30.020 — Definitions.~~

18 ~~In addition to the definitions found in Chapter 4.35 SHDC, Section 2 of the Guidelines for~~
19 ~~Determining Water Availability for New Buildings, Ecology Publication 93-27, April 1993, and~~
20 ~~Chapter 173-160 WAC, the following shall apply:~~

21 ~~“Adequate” means meeting the source siting, construction and quantity requirements of these~~
22 ~~supplemental procedures.~~

23 ~~“Individual water supply (IWS)” consists of one source serving one single family residence or~~
24 ~~one source serving two single family residence structures or units and is exempt from the State~~
25 ~~Department of Health (DOH) Drinking Water Regulations, Chapter 246-291 WAC.~~

26 ~~“Potable” means meeting the water quality parameters as established in these supplemental~~
27 ~~procedures. [Res. 02-13. Revised 01/31/03. Revised 02/09/98. Res. 96-13 § 3. Prior code § 9.1~~
28 ~~(Attachment) (III)].~~

1 ~~4.30.030 — Individual water supplies — Assessments, policies and procedures.~~

2 ~~A. — Assessments for determining water availability and acceptance for new buildings and/or~~
3 ~~issuance of permits for installation of on-site sewage disposal systems for new residences~~
4 ~~includes the following:~~

5 ~~1. — SHD approval of “Application for an Individual Water Supply Site Inspection.” Site~~
6 ~~criteria as established in Chapter 173-160 WAC and Chapters 4.25 through 4.40 SHDC and~~
7 ~~SHDC Title 5.~~

8 ~~2. — SHD approval of “Request for Review: Individual Water Supply” including the following~~
9 ~~minimum submittals:~~

10 ~~a. — Signed declaration of applicant;~~

11 ~~b. — Copy of water well report (well drillers log) verifying well construction per Chapter~~
12 ~~173-160 WAC;~~

13 ~~c. — Documentation of well yield testing per WAC 173-160-345(1) sufficient in detail to~~
14 ~~demonstrate a minimum 400 gallons per day per residential connection;~~

15 ~~d. — Satisfactory results of a bacteriological analysis; and~~

16 ~~e. — Satisfactory results of inorganic chemical analyses for the following: arsenic,~~
17 ~~barium, cadmium, chromium, lead, mercury, selenium, silver, sodium, fluoride, and~~
18 ~~nitrate.~~

19 ~~3. — For IWSs consisting of more than one single family residential connection, the following~~
20 ~~must be provided in addition to subsections (A)(1) and (A)(2) of this section: recorded~~
21 ~~declaration of water use agreement(s), easement(s), and restriction(s) including the~~
22 ~~following minimum information:~~

23 ~~a. — Identification of the supply as an individual water supply;~~

24 ~~b. — Description of system management and ownership;~~

25 ~~c. — Identification of the property or properties served; and~~

26 ~~d. — Recognition of system restrictions as determined by SHD.~~

~~4. For IWSs consisting of more than one single-family residential connection where the structures served do not exist on the same property, the following must be provided in addition to subsections (A)(1), (A)(2) and (A)(3) of this section: SHD approval of "Application for an Individual Water Supply Site Inspection" demonstrating potential well sites on each of the two properties. Site criteria as established in Chapter 173-160 WAC and Chapters 4.25 through 4.40 SHDC and SHDC Title 5.~~

~~B. *Operational Checks.* Assessments of water supply source quality in response to "Request for Report on an Individual Water System" will include SHD testing of water quality parameters as established in subsections (A)(2)(d) and (A)(2)(e) of this section.~~

~~C. *Well Sealing and Decommissioning.* Pursuant to the "Memorandum of Agreement between State of Washington Department of Ecology and Snohomish Health District," delegating to SHD the authority to administer and enforce the well sealing and decommissioning portions of the water well construction program in accordance with the provisions of Chapter 173-160 WAC, entitled Minimum Standard for Construction and Maintenance of Wells, notification to SHD must be received no less than 24 hours prior to sealing or decommissioning of any new or existing well in Snohomish County.~~

~~D. *Determining Maximum Contaminant Level (MCL) Violations for an IWS.*~~

~~1. Coliform bacteria are not to exceed one per 100 milliliters for any sample tested using the membrane filter method; nor are there to be any present using the presence/absence method of testing.~~

~~2. The presence of any tested primary contaminant measured above the MCL, as defined in WAC 246-290-310, shall make that water supply initially unacceptable and subject to further sampling and testing to determine whether an MCL violation has occurred.~~

~~a. Three samples must be taken at the well. Prior to the taking of each sample, either a quantity of water equal to three well volumes for drilled wells or two well volumes for dug wells, pumped at the well's measured production rate, must be pumped.~~

~~b. The water must be tested for the same contaminant(s) found in excess of the MCL in the initial sample and the results of the three samples will be averaged. The average of these three sample results will be used to determine if an MCL violation has~~

1 ~~occurred. If any single sample exceeds double the MCL, then the violation will be~~
2 ~~considered confirmed.~~

3 ~~c. At least one of the three samples must be collected by SHD personnel.~~

4 ~~d. No two samples used for averaging may be collected on the same day. There shall~~
5 ~~be a minimum of 15 days between collection of the first and third samples used for~~
6 ~~averaging.~~

7 ~~E. *Water Treatment.* Pursuant to these supplemental procedures, as well as other guidelines~~
8 ~~presently in effect, when evaluating test results for primary contaminants, the MCLs cannot be~~
9 ~~exceeded and be in compliance with RCW 19.27.097 as a potable water supply. However, RCW~~
10 ~~19.27.097 and the Department of Ecology (DOE) guidelines have not provided specifics on the~~
11 ~~issue of treatment of such water to be in compliance with RCW 19.27.097. Therefore, for the~~
12 ~~sake of consistency in the evaluation by SHD and to provide commonality of standards for~~
13 ~~applicants, as well as standards by which the county can consider the recommendations of the~~
14 ~~SHD relative to the same, the following constitute what the SHD considers to be minimum~~
15 ~~acceptable standards for source treatment where primary contaminants exceeding MCLs are~~
16 ~~confirmed:~~

17 ~~The SHD shall provide to the county a recommendation of general compliance to the DOE~~
18 ~~guidelines and these procedures, even when test results for primary contaminants exceed the~~
19 ~~MCLs; provided, that an applicant has demonstrated satisfactory treatment and provided the~~
20 ~~following conditions have been or shall be met:~~

21 ~~1. Water treatment must be installed at or before the point of entry and provide for~~
22 ~~whole house treatment.~~

23 ~~2. Point of use treatment devices shall not be considered to satisfy the requirements of~~
24 ~~these procedures.~~

25 ~~3. The treatment system must be capable of producing a minimum of 400 gallons of~~
26 ~~treated water per residential connection per day. However, a daily volume of less than 400~~
27 ~~gallons per residential connection may be considered adequate if such a reduced volume is~~
28 ~~combined with appropriate conservation or storage measures rendering the additional~~
29 ~~volume unnecessary. The treatment system plan shall not allow the plumbing arrangement~~
30 ~~to bypass the treatment system.~~

1 ~~4. Treatment proposals shall be designed by a state of Washington licensed professional~~
2 ~~engineer and shall at a minimum include:~~

- 3 ~~a. Expected yield of treated water.~~
- 4 ~~b. Locations at which treated water will be supplied.~~
- 5 ~~c. Other water quality parameters considered in the design of the treatment process.~~
- 6 ~~d. Minimum operation and maintenance requirements for the treatment process.~~
- 7 ~~e. Method of treatment process residuals management.~~
- 8 ~~f. Minimum ongoing testing requirements.~~

9 ~~5. The applicant/property owner, prior to issuance of county building permit, is required~~
10 ~~to record with the Snohomish County Auditor a statement containing the common and~~
11 ~~legal address of the property, the property legal description and tax parcel number, as well~~
12 ~~as the present owner's name and containing, as a minimum, the following additional~~
13 ~~information:~~

- 14 ~~a. The parameter that is found in the violation of the MCL and being treated for.~~
- 15 ~~b. The concentrations of the parameter that exceeds the established MCL, both~~
16 ~~before and after treatment.~~
- 17 ~~c. The type of treatment process installed.~~
- 18 ~~d. The expected yield of treated water, expressed in gallons per day.~~
- 19 ~~e. Locations at which treated water is provided.~~
- 20 ~~f. That the treatment device must be properly maintained, along with periodic~~
21 ~~sampling, to ensure continued safety of the water supply. (Note: Specific sampling~~
22 ~~frequency is to be set in accord with the designing engineer's recommendations, with a~~
23 ~~minimum of no less than once annually.)~~
- 24 ~~g. A stated understanding and acknowledgment, by the property owner, that failure~~
25 ~~to sample and maintain the treatment system may result in adverse health effects to~~

1 ~~the users of the water supply and that any untreated water is considered unsafe for~~
2 ~~consumption.~~

3 ~~h. The owner's obligation and responsibility to notify future property owners, heirs,~~
4 ~~successors, or tenants about the treatment device, proper maintenance and~~
5 ~~operations, sampling requirements, potential health risks, and most recent sample~~
6 ~~results of the water supply both before and after treatment.~~

7 ~~i. That the SHD may conduct a site visit within the first two years of occupancy for the~~
8 ~~purpose of collecting a sample of the treated water for analysis and to provide~~
9 ~~owner/occupant education relating to individual water supplies.~~

10 ~~6. SHD will charge fees for records maintenance, follow up water testing, and owner~~
11 ~~education activities as set forth by the Board of Health in the current fee schedule.~~

12 ~~7. All proposals for water treatment must be reviewed by SHD for consistency with these~~
13 ~~policies and procedures. Furthermore, the applicant shall execute a statement which~~
14 ~~provides that any such review shall not constitute an endorsement by SHD that such a~~
15 ~~treatment system in fact works, is reliable, or otherwise warranted or guaranteed to~~
16 ~~effectively treat the water to eliminate all health risks. In all respects, the applicant~~
17 ~~assumes full and complete responsibility and liability relative to the effectiveness, reliability~~
18 ~~and viability of a water treatment system.~~

19 ~~F. Lead Levels. Pursuant to these supplemental procedures, as well as other guidelines~~
20 ~~presently in effect, when evaluating test results for contaminants, in the absence of an~~
21 ~~established MCL, the following evaluation procedure for lead levels in drinking water applies:~~

22 ~~1. SHD, in determining potability for compliance with the assessment procedures outlined~~
23 ~~in subsections (A) and (B) of this section, will apply the EPA "Action Level" of 0.015 mg/l.~~

24 ~~2. For results in excess of 0.015 mg/l, the applicant is required to conduct additional~~
25 ~~testing to demonstrate that the source water is of adequate quality with lead levels less~~
26 ~~than 0.015 mg/l.~~

27 ~~G. Fluoride Levels. Pursuant to these supplemental procedures, as well as other guidelines~~
28 ~~presently in effect, when evaluating test results for contaminants, the primary MCL of 4.0 mg/l~~
29 ~~for fluoride cannot be exceeded and be in compliance with the potability requirements outlined~~

1 in subsections ~~(A)~~ and ~~(B)~~ of this section. For results in excess of 4.0 mg/l, subsections ~~(D)~~ and
2 ~~(E)~~ of this section will apply. For fluoride analyses with results less than or equal to 4.0 mg/l and
3 greater than 2.0 mg/l, the following evaluation procedures apply:

4 1. ~~The procedures outlined in subsection (D) of this section will apply to determine the~~
5 ~~level.~~

6 2. ~~Upon confirmation of the level as being within the 2.0 mg/l to 4.0 mg/l range, written~~
7 ~~notification will be sent to the applicant outlining the test results with attached toxics fact~~
8 ~~sheet for fluoride. Additionally, the notification will direct the applicant to sample quarterly~~
9 ~~for a two-year period to confirm stability of levels with reduced sampling frequency of one~~
10 ~~per year if stable within the 2.0 mg/l to 4.0 mg/l range.~~

11 3. ~~The owner/applicant must notify future owners, heirs, successors, or tenants of the~~
12 ~~presence of fluoride in the drinking water and record the notification letter outlined in~~
13 ~~subsection (G)(2) of this section on the title of the property.~~

14 H. ~~Arsenic Levels.~~ Pursuant to these supplemental procedures, as well as other guidelines
15 presently in effect, when evaluating test results for contaminants, the following additional
16 procedures for arsenic apply:

17 1. ~~For the purpose of these "Supplemental Drinking Water Policies and Procedures" the~~
18 ~~MCL for arsenic shall be 0.010 mg/l (10 parts per billion [ppb]).~~

19 2. ~~For the purpose of satisfying subsection (E) of this section, treatment will only be~~
20 ~~considered for contaminant levels less than or equal to 0.150 mg/l (150 ppb).~~

21 3. ~~For arsenic levels greater than 10 ppb and less than or equal to 50 ppb, compliance~~
22 ~~with subsection (E)(5) of this section is required prior to SHD acceptance of the on-site~~
23 ~~sewage system "as built" drawing for the structure to be served with treated water.~~

24 4. ~~Subsections (E)(1), (E)(2) and (E)(3) of this section do not apply to arsenic levels less~~
25 ~~than or equal to 50 ppb.~~

26 5. ~~In addition to the requirements listed in subsection (E) of this section, for individual~~
27 ~~water supplies with treatment to remove arsenic, the following U.S. Environmental~~
28 ~~Protection Agency "Health Effects Statement" shall be recorded onto the property title:~~

1 ~~Some people who drink water containing arsenic in excess of the MCL over many~~
2 ~~years could experience skin damage or problems with their circulatory system, and~~
3 ~~may have an increased risk of getting cancer. (40 CFR 141.154(f) and~~
4 ~~141.153(d)(6)).~~

5 ~~6. For individual water supplies with arsenic detected at or below the MCL, a statement~~
6 ~~must be recorded onto the property title prior to issuance of building permit, containing at~~
7 ~~a minimum the following:~~

8 ~~a. The results of each known arsenic analysis as well as any average used to~~
9 ~~determine compliance with the MCL.~~

10 ~~b. That arsenic concentrations in groundwater can vary over time.~~

11 ~~c. That there is variability in laboratory reporting.~~

12 ~~d. The following U.S. Environmental Protection Agency (EPA) "Informational~~
13 ~~Statement":~~

14 ~~While your drinking water meets EPA's standard for arsenic, it does contain~~
15 ~~low levels of arsenic. EPA's standard balances the current understanding of~~
16 ~~arsenic's possible health effects against the costs of removing arsenic from~~
17 ~~drinking water. EPA continues to research the health effects of low levels of~~
18 ~~arsenic which is a mineral known to cause cancer in humans at high~~
19 ~~concentrations and is linked to other health effects such as skin damage and~~
20 ~~circulatory problems. (40 CFR 141.154(b)(1)).~~

21 ~~7. When averaging samples per subsection (D)(2) of this section, if any single sample~~
22 ~~exceeds 0.050 mg/L (50 ppb) arsenic then the MCL violation will be considered confirmed.~~
23 ~~Averaging per subsection (D)(2) of this section may be completed to determine the type of~~
24 ~~treatment required. [Res. 02-13. Revised 02/09/98. Res. 96-13 § 3. Prior code § 9.1~~
25 ~~(Attachment) (IV)].~~

Chapter 4.31

RAINWATER CATCHMENT SYSTEMS

Commented [ER55]: All proposed changes in this chapter are spelling and grammatical errors as well as erroneous references.

Sections:

- 4.31.010 Purpose.
- 4.31.020 Established.
- 4.31.030 Definitions.
- 4.31.040 Individual water supplies – Assessments, policies and procedures.

4.31.010 Purpose.

In accordance with state and local regulations, the ~~Snohomish Health District (SHD)~~Snohomish County Health Department (SCHD) performs assessments of proposed and existing individual water supplies (IWSs) for adequacy and potability. These assessments are for the purposes of establishing proof of adequate and potable water as a part of the approval process for subdivisions, building permits and/or issuance of permits for the installation of on-site sewage disposal systems. ~~Further~~ Furthermore, assessments are requested in response to inquiries received from individuals, agencies, and other entities seeking information regarding IWSs. ~~{Ord. 17-01. Prior code 5 9.1.2 (I)}.~~

4.31.020 Established.

~~The following rules and regulations for “Supplemental Drinking Water Policies and Procedures for Individual Water Systems – Rainwater Catchment Systems” (supplemental procedures) are established pursuant of the ordinance codified in this chapter, in order to: prescribing-prescribe~~ minimum requirements, standards, and procedures for assessment and use of rainwater catchment IWSs; ~~prescribing-prescribe~~ data to be disclosed to the Environmental Health Division concerning the use of rainwater catchment IWSs; and ~~setting to set~~ set forth the information to be furnished to the Environmental Health Division prior to response by ~~SCHD~~SHD to any request for assessment of a particular rainwater catchment IWS. Nothing contained in this process shall be construed to prevent the Health Officer from requiring compliance with more stringent requirements than those contained herein where such

Commented [ER56]: There are no supplemental procedures for this.

1 requirements are essential to maintain a safe and sanitary condition and to protect public
2 health. ~~{Ord. 17-01- Prior code § 9.1.2 (H)}.~~

3 4.31.030 Definitions.

4 In addition to the definitions adopted by reference in ~~SCBHC SHDC~~ [4.35.010](#), found in Section 2
5 of the “Guidelines for Determining Water Availability for New Buildings”; Ecology Publication
6 93-27, April 1993; and Chapter [173-160](#) WAC, the following shall apply:

7 “Adequate” means meeting the design, construction, treatment, and quantity requirements of
8 these ~~supplemental~~ procedures.

9 “Individual water supply (IWS)” consists of one rainwater catchment source serving one single-
10 family residence, in compliance with the State Department of Ecology Policy 1017, “Water
11 Resources Program Policy Regarding Collection of Rainwater for Beneficial Use,” and is exempt
12 from the State Department of Health (DOH) Drinking Water Regulations, Chapter [246-291](#) WAC.

13 “Potable” means meeting the water quality parameters as established in these ~~supplemental~~
14 procedures. ~~{Ord. 17-01- Prior code § 9.1.2 (H)}.~~

15 4.31.040 Individual water supplies – Assessments, policies, and procedures.

16 A. Assessments for determining water availability and acceptance for new buildings and/or
17 issuance of permits for ~~the~~ installation of on-site sewage disposal systems for new residences
18 includes the following:

- 19 1. ~~SCHD SHD~~ approval of “Request for Review: Individual Water Supply” including the
20 following minimum submittals:
- 21 a. Signed declaration of applicant;
 - 22 b. An accepted rainwater collection and treatment design meeting all the
23 requirements of subsection [\(B\)](#) of this section.

1 B. *Determining Maximum Contaminant Level (MCL) Exceedances for a Rainwater Catchment*
2 *IWS.*

3 1. Coliform bacteria are not to exceed one per 100 milliliters for any sample tested using
4 the membrane filter method; nor are there to be any present using the presence/absence
5 method of testing.

6 2. The presence of any tested primary containment measured above the MCL, as defined
7 in WAC [246-290-310](#), shall make that water supply initially unacceptable and subject to
8 further sampling and testing to determine whether an MCL exceedance has occurred.

9 a. Three samples must be taken of the treated water.

10 b. The water must be tested for the same contaminant(s) found in excess of the MCL
11 in the initial sample and the results of the three samples will be averaged. The average
12 of these three sample results will be used to determine if an MCL exceedance has
13 occurred. If any single sample exceeds double the MCL, then the violation will be
14 considered confirmed.

15 c. At least one of the three samples must be collected by ~~SCHD~~ personnel.

16 d. No two samples used for averaging may be collected on the same day.

17 C. *Water Treatment – Required.* Pursuant to these ~~supplemental~~ procedures, as well as other
18 guidelines presently in effect, when evaluating test results for primary contaminants, the MCLs
19 cannot be exceeded and must be in compliance with RCW [19.27.097](#) as a potable water supply.
20 However, RCW [19.27.097](#) and the Department of Ecology (DOE) guidelines have not provided
21 specifics on the issue of treatment of such water to be in compliance with RCW [19.27.097](#).

22 Therefore, for the sake of consistency in the evaluation by ~~SCHD~~ and to provide
23 commonality of standards for applicants, as well as standards by which the ~~County Department~~
24 ~~of Planning and Development Services~~ can consider the recommendations of the ~~SCHD~~
25 relative to the same, the following constitute what the ~~SCHD~~ considers to be minimum
26 acceptable standards for treatment when a rainwater catchment system is proposed.

27 The ~~SCHD~~ shall provide to ~~Snohomish County Department of Planning and Development~~
28 ~~Services~~ a recommendation of general compliance with the DOE guidelines and these

Commented [ER57]:
The county agency that SCHD is providing comment to, in relation to water supply review under Growth Management Act (GMA) is PDS.

Commented [ER58]:
The county agency that SCHD is providing comment to, in relation to water supply review under Growth Management Act (GMA) is PDS.

1 procedures for a rainwater catchment IWS; provided, that an applicant has demonstrated
2 satisfactory treatment and provided all of the following conditions have been or shall be met:

3 1. Water treatment must be installed at or before the point of entry and provide for
4 whole house treatment. Any supplied supplemental water must also be treated by the
5 same system.

6 2. ~~Point-of-use~~Point-of-use treatment devices shall not be considered to satisfy the
7 requirements of these procedures.

8 3. The treatment system must be capable of producing a minimum of 350 gallons of
9 treated water per residential connection per day to meet peak daily demands. However, a
10 daily volume of less than 350 gallons per residential connection may be considered
11 adequate if such a reduced volume is combined with appropriate conservation or storage
12 measures rendering the additional volume unnecessary. The treatment system plan shall
13 not allow the plumbing arrangement to bypass the treatment system.

14 4. Rainwater catchment and treatment proposals shall be designed by a State of
15 Washington licensed professional engineer (P.E.) and shall at a minimum include:

16 a. A "water budget" detailing the expected quantities of rainwater to be stored and
17 treated, expected consumptive use, and methods of supplementing potable water in
18 case of shortages. The water budget must demonstrate a minimum of 200 gallons per
19 day (GPD) as the ~~long-term~~ longterm average daily demand. Data sources for expected
20 precipitation must be provided.

21 b. Square footage of rainwater catchment area.

22 c. Type of all materials to be used in constructing the proposed rainwater catchment
23 system. Wood and ~~petroleum-based~~ petroleum-based roofing materials are not
24 allowed. All piping, storage tanks, and treatment system components shall be NSF or
25 FDA approved for drinking water systems. Storage tanks shall be located above ground
26 or designed by a P.E. All concrete tanks must be designed by a P.E.

27 d. Filtration and disinfection are is required with a detectable disinfectant residual
28 maintained. Treatment systems shall be designed to achieve a 99.99 percent (four-log)

- 1 removal/inactivation of viruses, 99.9 percent (three-log) removal/inactivation of
2 Giardia lamblia, and 99 percent (two-log) removal of Cryptosporidium.
- 3 e. Level of required disinfectant residual.
- 4 f. Expected yield of treated water.
- 5 g. Locations at which treated water will be supplied.
- 6 h. Other water quality parameters considered in the design of the treatment process.
- 7 i. Minimum operation and maintenance requirements for the treatment process.
- 8 j. Method of treatment process residuals management.
- 9 k. *Minimum Ongoing Testing Requirements.* To include, at a minimum, daily residual
10 disinfectant monitoring, flow usage data collection, quarterly testing of those
11 parameters listed in subsection (C)(8) of this section of these supplemental policies and
12 procedures, as well as any additional possible contaminants identified by the design
13 engineer.
- 14 l. Submittal of the Health ~~Department District~~ "Individual Water System Treatment
15 System" fee.
- 16 5. Prior to acceptance of a rainwater catchment proposal, ~~at~~ the applicant/property
17 owner is required to record with the Snohomish County Auditor, at the applicant/property
18 owner's expense, a statement containing the common and legal address of the property,
19 the property's legal description and tax parcel number, ~~as well as~~ the present owner's
20 name, and containing ~~(at a minimum), as a minimum,~~ the following additional information:
- 21 a. An identification of the water source for the residence as a rainwater catchment
22 system.
- 23 b. A disclosure of the gallons per day flow that the system is expected to produce
24 from rainwater catchment on an annualized basis.
- 25 c. The proposed source of water to be utilized in the event that the rainwater
26 catchment system cannot produce the quantities needed.

- 1 d. The type of treatment process to be installed.
- 2 e. The expected yield of treated water, expressed in gallons per day.
- 3 f. Locations at which treated water will be provided.
- 4 g. That the treatment device will be properly maintained, along with periodic
5 sampling, to ensure ~~insure~~ continued safety of the water supply. (Note: Specific
6 sampling frequency is to be set in accordance ~~accord~~ with the designing engineer's
7 recommendations, with a minimum of no less than quarterly.)
- 8 h. A stated understanding and acknowledgment by the property owner that failure to
9 sample and maintain the treatment system may result in adverse health effects to the
10 users of the water supply and that any untreated water is considered unsafe for
11 consumption.
- 12 i. The owner's obligation and responsibility to conduct routine testing as required and
13 to provide testing results to the Health Department ~~District~~ upon request.
- 14 j. The owner's obligation and responsibility to notify future property owners, heirs,
15 successors, or tenants about the treatment device, proper maintenance and
16 operations, sampling requirements, potential health risks, and most recent sample
17 results of the water supply both before and after treatment.
- 18 6. All proposals for rainwater catchment water systems shall be reviewed by SCHD ~~SHD~~ for
19 consistency with these policies and procedures. Furthermore, the applicant shall execute a
20 statement which provides that any such review shall not constitute a warranty or
21 endorsement by SCHD ~~SHD~~ that such a collection and treatment system in fact works, is
22 reliable, or otherwise warranted or guaranteed to effectively treat the water to eliminate
23 all health risks. In all respects, the applicant assumes full and complete responsibility and
24 liability relative to the effectiveness, reliability, and viability of a water treatment system.
- 25 7. Once approved by the SCHD ~~SHD~~, a rainwater catchment IWS proposal will remain valid
26 for two calendar years from the date of written approval. Upon issuance of development
27 permits for the associated single-family residence, the proposal will remain valid for the
28 term of the development permit(s).

- 1 8. ~~The applicant/property owner, prior-Prior~~ to final approval of an on-site sewage
2 disposal system installation and/or occupancy of the structure served by the water supply,
3 the applicant/property owner is required to submit:
- 4 a. Signed declaration of applicant.
 - 5 b. Satisfactory results of a bacteriological analysis.
 - 6 c. Satisfactory results of inorganic chemical analyses for the following: arsenic,
7 barium, cadmium, chromium, lead, mercury, selenium, silver, sodium, fluoride, nitrate,
8 and any other possible contaminants identified by the designing engineer as a required
9 test parameter.
 - 10 d. A signed statement from a P.E., stating that the system was installed/constructed
11 according to the submitted design or with any changes from the design clearly
12 identified. Changes that may affect the quality or quantity of treated water delivered
13 may require submittal of additional design information. ~~{Ord. 17-01. Prior code 5-9-1-2~~
14 ~~(IV)}~~.

15 Chapter 4.35

16 WATER QUALITY STANDARDS

17 Sections:

18 4.35.010 Standards.

19 4.35.010 Standards.

20 The Snohomish County Board of Health ~~of Snohomish Health District~~County Health Department
21 adopts the document attached to the resolution codified here entitled: "Interim Guidelines for
22 Determining Water Availability for New Buildings," issued July 6, 1990, from the Washington
23 State Department of Ecology, or the latest revision thereof (Guidelines for Determining Water
24 Availability for New Buildings, April 1993), and subsequent state regulations adopted pursuant
25 to such guidelines; and establishes the following fees:

- 1 A. Application for an Individual Water Supply Site Inspection. ~~One hundred seventy-five dollars,~~
- 2 ~~or as stated per Refer to~~ the current fee schedule for application fees.
- 3 B. Application for Individual Water Supply Site Inspection, Concurrent with Application for On-
- 4 Site Sewage Disposal Permit. ~~One hundred twenty-five dollars, or as stated per Refer to~~ the
- 5 current fee schedule for application fees. [~~Res. 93-32, Eff. 11/09/93. Res. 91-08. Prior code~~
- 6 ~~§ 9.2.~~]

Chapter 4.40

DRINKING WATER RULES AND REGULATIONS – ARSENIC TESTING

Sections:

- 10 4.40.010 Title and authority.
- 11 4.40.020 Purpose and policy declared.
- 12 4.40.030 Definitions.
- 13 4.40.040 Water analyses.
- 14 4.40.050 Water well reports.
- 15 4.40.060 On-site sewage disposal system permit.
- 16 ~~4.40.070 Fees.~~
- 17 4.40.080 Notification.
- 18 4.40.090 Waiver.

19 4.40.010 Title and authority.

20 These rules and regulations shall be known as “Drinking Water Rules and Regulations – Arsenic
 21 Testing” and are established pursuant to authority vested in the Snohomish ~~County Health~~
 22 ~~Department~~District (SCHD) Board of Health by RCW 70.05.060. These rules and regulations are
 23 adopted for the protection of public health through the mechanism of arsenic sampling of
 24 water supplies. [~~Res. 02-13. Res. 96-13. Revised 12/13/94. Res. 94-28, Eff. 01/01/95. Res. 93-32,~~
 25 ~~Eff. 11/09/93. Res. 87-36. Prior code § 9.3(1).~~]

Commented [ER59]:
 Expanded title of section to better capture its contents.

1 4.40.020 Purpose and policy declared.

2 These rules and regulations are enacted as an exercise of the powers and duties of the
3 ~~Snohomish County CHD SHD~~ Board of Health to preserve, promote and improve the public
4 health. The provisions herein shall be liberally construed for the accomplishment of these
5 purposes.

6 It is the specific intent of these rules and regulations to place the obligation of compliance upon
7 the owner of a private water supply or the purveyor of a public water supply. ~~No provision of,~~
8 ~~nor term used in, these rules and regulations is intended to impose any duty, other than~~
9 ~~notification as identified herein, upon the SHD or any of its officers or employees. [Res. 02-13-~~
10 ~~Res. 96-13. Revised 12/13/94. Res. 94-28, Eff. 01/01/95. Res. 93-32, Eff. 11/09/93. Res. 87-36-~~
11 ~~Prior code § 9.3(III)].~~

Commented [ER60]:
This is covered in Title 1 now.

12 4.40.030 Definitions.

13 ~~“Health Officer” means the Health Officer of the SHD or an authorized representative.~~

14 “Individual water supply” means as defined in Chapter [4.25 SCBHCSHDC](#).

15 “On-site sewage disposal permit” means any system of piping, treatment devices, or other
16 facilities that convey, store, treat, or dispose of sewage on the property where it originates or
17 an adjacent or nearby property under the control of the user where the system is not
18 connected to a public sewer system.

19 “Public water supply” means any system or water supply intended or used for human
20 consumption or domestic uses, including source treatment, storage, transmission and
21 distribution facilities where water is furnished to any community, collection or number of
22 individuals, or is made available to the public for human consumption or domestic use, but
23 excluding a water system serving one single-family residence.

24 “State approved laboratory” means any laboratory approved by the Washington State
25 Department of Health or Washington State Department of Ecology to perform arsenic analysis
26 for public water systems.

1 “Water well report” means a complete record on the construction or alteration of the well as
2 specified in WAC [173-160-141](#).

3 “Well” means any excavation that is drilled, cored, bored, washed, driven, dug, jetted, or
4 otherwise constructed when the intended use of the well is for the location, diversion, artificial
5 recharge, or withdrawal of groundwater. ~~[Res. 02-13. Res. 96-13. Revised 12/13/94. Res. 94-28,
6 Eff. 01/01/95. Res. 93-32, Eff. 11/09/93. Res. 87-36. Prior code § 9.3(III)].~~

7 4.40.040 Water analyses.

8 Arsenic analyses of a water supply, by a state approved laboratory, shall be required when:

9 A. A new individual water supply is developed; or

10 B. A water supply operational check is conducted by the ~~SCHD SHD~~ on an individual water
11 supply which has not been sampled and tested for arsenic during the previous 36 months; or

12 C. A public water supply has not been tested for arsenic during the previous 36 months. ~~[Res.
13 02-13. Res. 96-13. Revised 12/13/94. Res. 94-28, Eff. 01/01/95. Res. 93-32, Eff. 11/09/93. Res.
14 87-36. Prior code § 9.3(IV)].~~

15 4.40.050 Water well reports.

16 It shall be the responsibility of the property owner to furnish the ~~SCHD SHD~~ with a copy of the
17 water well report. ~~[Res. 02-13. Res. 96-13. Revised 12/13/94. Res. 94-28, Eff. 01/01/95. Res. 93-
18 32, Eff. 11/09/93. Res. 87-36. Prior code § 9.3(V)].~~

19 4.40.060 On-site sewage disposal system permit.

20 No on-site sewage disposal system permit shall be issued for a new residence without
21 complying to ~~SCBHC SHDC~~ [4.40.040](#) and [4.40.050](#), as well as with ~~SCBHC SHDC~~
22 ~~4.30.030(E), 4.25.040(D), 4.30.030(E) and (G) (H)~~ when an individual water supply is proposed as

Commented [ER61]: Updated references due to 4.30.030 merging into 4.25.040.

1 the source of potable water. ~~{Res. 02-13. Res. 96-13. Revised 12/13/94. Res. 94-28, Eff.~~
2 ~~01/01/95. Res. 93-32, Eff. 11/09/93. Res. 87-36. Prior code § 9.3(VI)}.~~

3 ~~4.40.070 Fees.~~

4 ~~The Board of Health shall set and collect fees for the gathering, transportation, and analysis of~~
5 ~~water samples and other such incidental services as might be required by the enforcement of~~
6 ~~these regulations. {Res. 02-13. Res. 96-13. Revised 12/13/94. Res. 94-28, Eff. 01/01/95. Res. 93-~~
7 ~~32, Eff. 11/09/93. Res. 87-36. Prior code § 9.3(VII)}.~~

Commented [ER62]:
We no longer collect and charge a fee for water samples.

8 4.40.080 Notification.

9 When the SCHD SHD is notified that a well, within its jurisdiction, has yielded a well water
10 sample with an arsenic level above 0.01 mg/l, the SCHD SHD shall attempt to notify the owner
11 of the property on which the well is constructed and any persons who are living on said
12 property, or using the water supply of such well water sample results. ~~{Res. 02-13. Res. 96-13.~~
13 ~~Revised 12/13/94. Res. 94-28, Eff. 01/01/95. Res. 93-32, Eff. 11/09/93. Res. 87-36. Prior code~~
14 ~~§ 9.3(VIII)}.~~

15 4.40.090 Waiver.

16 The Health Officer may waive any portion of these rules and regulations; provided, that the
17 waiver is consistent with the intent of these rules and regulations, and no public health hazard
18 is likely to result, and the waiver will not be in conflict with the requirements of Chapter 246-
19 290 WAC and the Federal Safe Drinking Water Act. ~~{Res. 02-13. Res. 96-13. Revised 12/13/94.~~
20 ~~Res. 94-28, Eff. 01/01/95. Res. 93-32, Eff. 11/09/93. Res. 87-36. Prior code § 9.3(IX)}.~~

Title 5
WASTEWATER

Chapters:

- 5.05 On-Site Sewage Disposal Regulations
- 5.10 Vertical Separation
- 5.15 Supplemental On-Site Sewage Disposal Policies and Procedures – Repairs and Remodels
- 5.20 Land Division Review, Restricted Use of Easements
- 5.25 Community Systems
- 5.30 Use of Sand Filter System/Mound System on Sites with 12 Inches to 18 Inches of Suitable Soil, Use of Boot with Sand Filter Liner
- ~~5.35 Resident Owner Application for a Repair Permit~~
- 5.40 On-Site Sewage Disposal System Installer Certification Program and Installation Requirements
- ~~5.45 Supplemental On-Site Sewage System Installer Certification and Installation Requirements~~
- 5.50 Septic Tank Pumper Program
- 5.55 On-Site Sewage System Pumper Certification and Reporting Requirements
- 5.60 On-Site Sewage Disposal System Application Permit and Installation Procedures
- 5.65 System Permit Application Design and Record Drawings (As-Built) Standards
- 5.70 On-Site Sewage System Monitoring and Maintenance Specialist Certification Program

Chapter 5.05
ON-SITE SEWAGE DISPOSAL REGULATIONS

Sections:

- 5.05.010 Chapter 246-272A WAC.

Code reviser’s note: This text has been added during recodification as a placeholder for WAC chapters adopted by reference.

1 5.05.010 Chapter 246-272A WAC.

2 This section adopts Chapter [246-272A](#) WAC by reference. [Res. 08-10. Prior code § 8.1].

3 Chapter 5.10

4 VERTICAL SEPARATION

5 Sections:

6 [5.10.010](#) Purpose.

7 5.10.010 Purpose.

8 To protect public health, the Board of Health requires that all new on-site sewage disposal
9 systems are designed and installed in soil conditions and on lots in such a manner to provide a
10 safe level of treatment of sewage containing potentially pathogenic organisms prior to entering
11 groundwaters or restrictive layers.

12 To protect public health, the Board of Health requires that all new on-site sewage disposal
13 systems must have three feet of vertical separation with gravity flow; or two feet of vertical
14 separation with pressure distribution; or the system must meet the requirements of
15 [Washington State](#) Department of Health alternative system guidelines. [Res. 08-10. Revised and
16 reapproved by DOH 12/15/94. Res. 93-32, Eff. 11/09/93. Res. 90-43. Prior code § 8.1.1].

17 Chapter 5.15

18 SUPPLEMENTAL ON-SITE SEWAGE DISPOSAL POLICIES AND PROCEDURES – REPAIRS AND
19 REMODELS

20 Sections:

21 [5.15.010](#) Title and authority.

22 [5.15.020](#) Purpose.

23 [5.15.030](#) Applicability.

24 [5.15.040](#) Remodeling approval required.

1 5.15.010 Title and authority.

Commented [ER63]:
Expanded title of section to better capture its contents.

2 These administrative policies and procedures shall be known as the “Supplemental On-Site
3 Sewage Disposal Policies and Procedures” and are established pursuant to authority vested in
4 the Snohomish ~~County Health Department District (SCHD)~~ Board of Health by RCW [70.05.060](#)
5 and WAC [246-272A-0015\(9\)](#). These policies and procedures are adopted for the protection of
6 public health through the mechanism of providing guidance to the Health Officer with regard to
7 the applicability of Chapter [246-272A](#) WAC to proposed remodeling projects and construction
8 of structures other than residences. ~~[Res. 08-10. Revised and reapproved by DOH 12/15/94.
9 Res. 93-32, Eff. 11/09/93. Res. 87-35, Eff. 07/21/87. Prior code § 8.1.2(I)].~~

10 5.15.020 Purpose.

11 These rules and regulations are enacted as an exercise of the powers and duties of the
12 ~~Snohomish County SCHD SHD~~ Board of Health to preserve, promote and improve the public
13 health. The provisions herein shall be liberally construed for the accomplishment of these
14 purposes. It is the specific intent of these rules and regulations to prevent the development of
15 any property, to which a public sanitary sewer is not available, to such an extent or in such a
16 manner whereby the amount of any sewage produced on the property would exceed the
17 property’s ability to dispose of and treat said sewage effluent in a manner consistent with
18 Chapter [246-272A](#) WAC. ~~[Res. 08-10. Revised and reapproved by DOH 12/15/94. Res. 93-32, Eff.
19 11/09/93. Res. 87-35, Eff. 07/21/87. Prior code § 8.1.2(II)].~~

20 5.15.030 Applicability.

21 Chapter [246-272A](#) WAC shall apply whenever development or construction of a structure is
22 proposed on any property to which a sanitary sewer is not available and to which water under
23 pressure can be made available. ~~[Res. 08-10. Revised and reapproved by DOH 12/15/94. Res.
24 93-32, Eff. 11/09/93. Res. 87-35, Eff. 07/21/87. Prior code § 8.1.2(III)].~~

1 5.15.040 Remodeling approval required.

2 All existing buildings or structures to which additions, alterations, or improvements are made
3 after the effective date of these policies and procedures shall be served by an on-site sewage
4 disposal system complying with Chapter [246-272A](#) WAC; provided, however, the Health Officer
5 may waive compliance with these requirements for existing buildings or structures when
6 additions, alterations, repairs, or improvements to the building or structure are compatible
7 with and do not adversely impact the existing on-site sewage disposal system and potential
8 reserve drainfield area, the system is adequate to treat the on-site sewage expected to be
9 generated over the remaining useful life of the structure, and the continued operation of the
10 system will not adversely affect public health, surface water quality, or groundwater quality.

11 A. Application for approval by the Health Officer of an existing on-site sewage disposal system
12 serving an existing building undergoing addition, alteration, repair, or improvement shall be
13 made as provided in this section. The application shall be made on forms provided by the
14 Health Officer.

15 B. The Health Officer shall review all applications to determine compatibility of the proposed
16 addition, alteration, repair, or improvement with the existing on-site sewage disposal system.

17 1. Factors that must be considered shall include, but not be limited to, the following:

18 a. Location of septic tank and drainfield in relation to existing foundation and
19 proposed improvements;

20 b. Size of drainfield in relation to proposed use;

21 c. Condition of existing on-site sewage disposal system;

22 d. Useful anticipated life of the existing on-site sewage disposal system;

23 e. Potential for reconstruction, replacement, and/or repair of the existing on-site
24 sewage disposal system;

25 f. Ultimate purpose of the remodeling;

26 g. Approved source of water;

27 h. Potential use of the structure after remodeling.

- 1 2. The Health Officer may require the applicant to furnish such exhibits and information as
- 2 may be deemed relevant and necessary to the application.
- 3 C. After reviewing the application, the Health Officer shall notify the building authority and
- 4 applicant that either:
 - 5 1. The application is approved; or
 - 6 2. Correction is required to accommodate the application’s approval; or
 - 7 3. The application is disapproved and the reasons therefor. ~~Res. 08-10, Revised and~~
 - 8 ~~reapproved by DOH 12/15/94, Res. 93-32, Eff. 11/09/93, Res. 87-35, Eff. 07/21/87. Prior~~
 - 9 ~~code § 8.1.2(IV)).~~

10 Chapter 5.20

11 LAND DIVISION REVIEW, RESTRICTED USE OF EASEMENTS

12 Sections:

- 13 5.20.010 Land division – Title.
- 14 5.20.020 Land division – Purpose and policy declared.
- 15 5.20.030 Land division – Review approval required.
- 16 5.20.040 Land division – Purpose.
- 17 5.20.050 Land division – Background.
- 18 5.20.060 Land division – Definitions.
- 19 5.20.070 Land division – Short subdivision review procedure.
- 20 5.20.080 Land division – Subdivision review procedure.
- 21 5.20.090 Restricted use of easements – Purpose.
- 22 5.20.100 Restricted use of easements – Applicability.

23 5.20.010 Land division – Title.

24 To protect the public health, these administrative policies and procedures shall be known as the

25 “Supplemental On-Site Sewage Disposal Policies and Procedures for Land Division Review” and

26 are established pursuant to authority vested in the Snohomish County Health.

1 ~~Department~~District (~~SCHD~~) Board of Health by RCW [70.05.060](#) and WAC [246-272A-0015\(9\)](#).
2 ~~[Res. 08-10. Revised and reapproved by DOH 09/21/95. Res. 95-24. Revised and reapproved by~~
3 ~~DOH 12/15/94. Res. 93-32, Eff. 11/09/93. Prior code § 8.1.3(I)].~~

4 5.20.020 Land division – Purpose and policy declared.

5 In accordance with state and local requirements, the ~~SCHD SHD~~ is obligated to assess a
6 proposed land division for compliance with the on-site sewage disposal regulation, Chapter
7 [246-272A](#) WAC and Chapters [4.25](#) through [4.40](#) ~~SCBHCSHDC~~ and ~~SCBHCSHDC~~ Title [5](#). These
8 regulations require that each lot of a proposed land division be capable of supporting an on-site
9 sewage disposal system and 100 percent reserve area within the proposed lot line boundaries.
10 Additionally, the regulations contain specific requirements concerning the location of existing
11 and proposed water wells and approved source of potable drinking water. ~~[Res. 08-10. Revised~~
12 ~~and reapproved by DOH 09/21/95. Res. 95-24. Revised and reapproved by DOH 12/15/94. Res.~~
13 ~~93-32, Eff. 11/09/93. Prior code § 8.1.3(II)].~~

14 5.20.030 Land division – Review approval required.

15 The ~~SCHD SHD~~ policy titled “Supplemental On-Site Sewage Disposal Policies and Procedures for
16 Land Division Review” prescribes minimum requirements and standards for the use of on-site
17 sewage disposal systems in land divisions, prescribing data to be disclosed to the Environmental
18 Health Division (EHD) concerning the proposed land division and setting forth information to be
19 furnished to the EHD prior to requesting ~~SCHD SHD~~ to make preliminary and final
20 recommendations to the city or county land use authority for the approval of a particular land
21 division. Nothing contained in the process shall be construed to prevent the Health Officer from
22 requiring compliance with higher requirements than those contained herein where such higher
23 requirements are essential to maintain a safe and sanitary condition. ~~Revisions or modifications~~
24 ~~to the policy shall be approved by the Director of Environmental Health. [Res. 08-10. Revised~~
25 ~~and reapproved by DOH 09/21/95. Res. 95-24. Revised and reapproved by DOH 12/15/94. Res.~~
26 ~~93-32, Eff. 11/09/93. Prior code § 8.1.3(III)].~~

1 5.20.040 Land division – Purpose.

2 In accordance with state and local requirements, the Snohomish County Health
3 ~~Department~~District (S~~CHD~~) is obligated to assess a proposed land division for compliance with
4 the on-site sewage disposal regulation, Chapter [246-272A](#) WAC and Chapters [4.25](#) through [4.40](#)
5 ~~SCBHCSHDC~~ and ~~SCBHCSHDC~~ Title [5](#). These regulations require that each lot of a proposed land
6 division be capable of supporting an on-site sewage disposal system and 100 percent reserve
7 area within the proposed lot line boundaries. Additionally, the regulations contain specific
8 requirements concerning the location of existing and proposed water wells and approved
9 source of potable drinking water. ~~{Prior code § 8.1.3 (Attachment)}~~.

10 5.20.050 Land division – Background.

11 The following process is established pursuant to Chapters [4.25](#) through [4.40](#) ~~SCBHCSHDC~~ and
12 ~~SCBHCSHDC~~ Title [5](#), prescribing minimum requirements and standards for the use of on-site
13 sewage disposal systems in land divisions, prescribing data to be disclosed to the Environmental
14 Health Division concerning the proposed land division, and setting forth information to be
15 furnished to the Environmental Health Division prior to any request for ~~SCHD SHD~~ to make
16 preliminary and final recommendations to municipal land use authority for the approval of a
17 particular land division. Nothing contained in this process shall be construed to prevent the
18 Health Officer from requiring compliance with higher requirements than those contained
19 herein where such higher requirements are essential to maintain a safe and sanitary condition.
20 ~~{Prior code § 8.1.3 (Attachment)}~~.

21 5.20.060 Land division – Definitions.

22 In addition to the definitions found in WAC [246-272A-0010](#), and in any supplemental on-site
23 sewage disposal regulations of the Snohomish County Board of Health ~~Department~~District, the
24 following shall apply:

25 “Short subdivision” means a division or redivision of land into four or less lots.

1 “Subdivision” means a division or redivision of land into five or greater lots. ~~[Prior code § 8.1.3-~~
2 ~~(Attachment)]~~.

3 5.20.070 Land division – Short subdivision review procedure.

4 A. *Method A – Soil Survey.*

5 1. *Preliminary Short Subdivision Review Requirements and Report.* An application
6 requesting ~~SCHD SHD~~ to conduct a preliminary short subdivision review is received from a
7 certified on-site sewage disposal designer or professional engineer. Application is made on
8 ~~SCHD SHD~~ form “Request for Preliminary Short Subdivision Review” and shall provide
9 information as prescribed in WAC [246-272A-0320](#), Developments, Subdivisions and
10 Minimum Land Area Requirements.

11 a. At a minimum, the application must include the following:

12 (1) Applicable review fees as prescribed in the most current ~~SCHD SHD~~-fee
13 schedule under Subdivision of Property: Short Subdivision, a) Preliminary Soil
14 Survey.

15 (2) Two copies of the preliminary subdivision plat map showing: scale, north
16 arrow, proposed lot layout, proposed lot sizes, general dimensions of lots,
17 easements, existing structures, location of all existing on-site sewage disposal
18 systems and reserve areas, general contours, streams and surface water within
19 100 feet of the project site, proposed well sites, wells within 200 feet of the
20 project site and location of soil test holes.

21 (3) Engineer or certified designer’s description of soil profile from at least two soil
22 log test holes on each proposed lot. Soil log test hole identification, flagging,
23 construction and maintenance as well as soil descriptions shall be consistent with
24 the requirements contained in ~~SCBHCSHDC~~ Title [5](#).

25 (4) Proposed source of potable drinking water.

26 b. Proposed lot corners are to be flagged and identified on site prior to ~~SCHD SHD~~-site
27 review.

1 c. If individual wells are proposed, WAC [246-272A-0320\(2\)\(b\)](#) requires configuration
2 of each lot to allow a 100-foot radius water supply protection zone to fit within the
3 proposed lot lines or, if this is not possible, to establish a 100-foot protection zone
4 around each existing and proposed well site.

5 d. If a new community/public well is proposed, an application for public well site
6 inspection must be submitted, reviewed and approved by the Health
7 ~~Department~~District. Prior to final short subdivision approval the public water supply
8 must be constructed and approved by the Health ~~Department~~District and, when
9 applicable, by the Washington State Department of Health.

10 2. *Final Short Subdivision Review Requirements.* Application requesting ~~SCHD SHD~~ to
11 conduct a final short subdivision review is received from a certified on-site sewage disposal
12 designer or professional engineer with required information as prescribed in WAC [246-](#)
13 [272A-0320](#). Application is made on ~~SCHD SHD~~ form "Request for Final Short Subdivision
14 Review."

15 a. At a minimum, the application must include the following:

16 (1) Applicable review fees as prescribed in the most current ~~SCHD SHD~~ fee
17 schedule under Subdivision of Property: Short Subdivision, b) Final Review and
18 Recording.

19 (2) Two copies of the final short subdivision plat map showing: scale, north arrow,
20 final lot layout, lot sizes, dimensions of lots, roads, storm water control features,
21 easements, existing structures, all existing on-site sewage disposal systems and
22 reserve areas, general contours, streams and surface water within 100 feet of the
23 project site, wetlands, native growth protection areas, proposed well sites, wells
24 within 200 feet of the project site and location of soil test holes.

25 (3) Description of soil profiles from five soil log test holes located in the proposed
26 on-site sewage system primary and reserve area on each proposed lot. Soil log test
27 hole identification, flagging, construction and maintenance as well as soil
28 descriptions shall be consistent with the requirements contained in ~~SCBHCSHDC~~
29 Title [5](#).

1 (4) Scaled site designs for each proposed lot demonstrating sufficient area for on-
2 site sewage system and reserve area, lot lines, easement lines, road locations,
3 wells, surface waters, drainage features, sensitive areas, and features which may
4 impact the placement of the on-site sewage system.

5 b. Lot corners must be surveyed and staked, all roads cut in, and any storm water
6 drainage system installed.

7 c. If individual wells are proposed, WAC [246-272A-0320\(2\)\(b\)](#) requires configuration
8 of each lot to allow a 100-foot radius water supply protection zone to fit within the
9 proposed lot lines, or, if this is not possible, to establish a 100-foot protection zone
10 around each existing and proposed well site.

11 d. If a new community/public well is proposed, the public water supply must be
12 constructed and proven adequate. Approval by the Health ~~Department~~~~District~~ and,
13 when applicable, by the Washington State Department of Health must be received
14 prior to recording.

15 e. If an existing public water supply will serve the subdivision, the water system
16 expansion must be approved by the regulatory authority and a letter of availability
17 from the water system purveyor must be submitted.

18 B. *Method B – Individual Applications for On-Site Sewage Disposal Permit – Preliminary and*
19 *Final Short Subdivision Review Process.* Applications for on-site sewage disposal permit are
20 submitted for each of the proposed lots by a certified designer or professional engineer.

21 1. Payment of applicable review fees as prescribed in the most current ~~SCHD SHD~~-fee
22 schedule under On-site Sewage Disposal System Designs.

23 2. Application, design preparation, soil log test hole construction, identification, flagging
24 and maintenance as well as soil descriptions shall be consistent with the requirements
25 contained in ~~SCBHCSHDC~~ Title [5](#)

26 3. An as-built of any existing on-site sewage disposal system must be provided along with
27 soil logs in the reserve area for any lot that has an existing dwelling.

28 4. Proposed lot corners are to be flagged and identified on site.

- 1 5. If individual wells are proposed, WAC [246-272A-0320\(2\)\(b\)](#) requires configuration of
2 each lot to allow a 100-foot radius water supply protection zone to fit within the proposed
3 lot lines or, if this is not possible, to establish a 100-foot protection zone around each
4 existing and proposed well site.
- 5 6. If a new community/public well is proposed, an application for public well site
6 inspection must be submitted, reviewed and approved by the Health ~~Department~~District.
7 Prior to final short subdivision approval the public water supply must be constructed.
8 Approval by the Health ~~Department~~District and, when applicable, by the Washington State
9 Department of Health must be received prior to recording.
- 10 7. If an existing public water supply will serve the subdivision, the water system expansion
11 must be approved by the regulatory authority and a letter of availability from the water
12 system purveyor must be submitted. ~~{Prior code § 8.1.3 (Attachment)}~~.

13 5.20.080 Land division – Subdivision review procedure.

14 A. *Preliminary Subdivision Review Requirements and Report*. Application requesting ~~SCHD SHD~~
15 to conduct a preliminary subdivision review is received from a certified on-site sewage disposal
16 designer or professional engineer. Application is made on ~~SCHD SHD~~ form “Request for
17 Preliminary Subdivision Review” and shall provide information as prescribed in WAC [246-272A-](#)
18 [0320](#), Developments, Subdivisions, and Minimum Land Area Requirements.

- 19 1. At a minimum, the application must include the following:
 - 20 a. Applicable review fees as prescribed in the most current ~~SCHD SHD~~ fee schedule
21 under Subdivision of Property.
 - 22 b. One copy of the preliminary plat map showing: scale, north arrow, proposed lot
23 layout, proposed lot sizes, general dimensions of lots, easements, existing structures,
24 location of all existing on-site sewage disposal systems and reserve areas, general
25 contours, streams and surface water within 100 feet of the project site, proposed well
26 sites, wells within 200 feet of the project site and location of preliminary soil test holes.

1 c. Preliminary large long plat soil review (lots five acre minimum) applications shall
2 include a plat map showing the location, together with soil profile descriptions of the
3 designer's or professional engineer's preliminary test pits. Backhoe pits as described in
4 subsection (A)(3) of this section are to be provided for the Health ~~Department~~District
5 at the time of field review.

6 d. Proposed source of potable drinking water for each proposed lot.

7 2. Reference points must be identified on site for the purpose of identifying map locations
8 in the field (i.e., traverse lines, identified in field, depicted on preliminary plat map).

9 3. Applicant's certified designer or professional engineer will coordinate a detailed review
10 of the site and soils with the Health ~~Department~~District representative at which time
11 backhoe pits or equivalent prepared and maintained in accordance with WAC [246-272A-](#)
12 [0220\(3\)](#) shall be provided.

13 a. A backhoe should be available on site for additional holes and to backfill pits after
14 soil profiles have been recorded.

15 b. A minimum of one soil log per proposed lot must be provided for review.

16 c. Soil profile descriptions and locations are to be recorded by the designer or
17 professional engineer who shall also show the location of test pits accurately on
18 subsequent preliminary plat maps.

19 d. In accordance with WAC [246-272A-0220](#), the owner of the property or owner's
20 agent is responsible for constructing and maintaining the soil log excavation in a
21 manner to prevent physical injury. The ~~SCHD SHD~~ recommends any excavation be done
22 the same day as the soil logs are examined. Furthermore, the ~~SCHD SHD~~ recommends
23 backfilling all soil test pits as soon as the soil logs are recorded, but not later than the
24 end of the day that the logs are reviewed. ~~SCHD SHD~~ assumes no responsibility for test
25 pit backfilling or uncovered test pits.

26 4. A copy of the preliminary plat map showing locations of soil log excavations is to be
27 submitted prior to Health ~~Department~~District preliminary plat recommendation to the lead
28 agency.

- 1 5. If individual wells are proposed, WAC [246-272A-0320\(2\)\(b\)](#) requires configuration of
2 each lot to allow a 100-foot radius water supply protection zone to fit within the proposed
3 lot lines or, if this is not possible, to establish a 100-foot protection zone around each
4 existing and proposed well site.
- 5 6. If a new community/public well is proposed, an application for public well site
6 inspection must be submitted, reviewed and approved by the Health ~~Department~~[District](#).
7 Prior to final long plat approval the public water supply must be constructed and approved
8 by the Health ~~Department~~[District](#) and, when applicable, by the Washington State
9 Department of Health.
- 10 B. *Final Subdivision Review Requirements.* Application requesting ~~SCHD SHD~~ to conduct a final
11 subdivision review is received from a certified on-site sewage disposal designer or professional
12 engineer with required information as prescribed in WAC [246-272A-0320](#) and ~~SCBHCSHDC~~ Title
13 [5](#). Application is made on ~~SCHD SHD~~ form “Request for Final Subdivision Review.”
- 14 1. At a minimum, the application must include the following:
- 15 a. Applicable review fees as prescribed in the most current ~~SCHD SHD~~ fee schedule
16 under Subdivision of Property: Long Plat, Recording.
- 17 b. Two copies of the final plat map showing: scale, north arrow, final lot layout, lot
18 sizes, dimensions of lots, roads, storm water control features, easements, existing
19 structures, all existing on-site sewage disposal systems and reserve areas, general
20 contours, streams and surface water within 100 feet of the project site, wetlands,
21 native growth protection areas, proposed well sites, wells within 200 feet of the
22 project site, and location of soil test holes.
- 23 c. Scaled site design for each proposed lot demonstrating sufficient area for on-site
24 sewage system and reserve area, lot lines, easement lines, road locations, wells,
25 surface waters, drainage features, sensitive areas, and features which may impact the
26 placement of the on-site sewage system.
- 27 2. Lot corners must be surveyed and staked, all roads cut in and any storm water drainage
28 system installed.

- 1 3. If individual wells are proposed, WAC [246-272A-0320\(2\)\(b\)](#) requires configuration of
- 2 each lot to allow a 100-foot radius water supply protection zone to fit within the proposed
- 3 lot lines or, if this is not possible, to establish a 100-foot protection zone around each
- 4 existing and proposed well site.

- 5 4. If a new community/public well is proposed the public water supply must be
- 6 constructed and approved by the Health ~~Department~~District and, when applicable, by the
- 7 Washington State Department of Health.

- 8 5. If an existing public water supply will serve the subdivision, the water system expansion
- 9 must be approved by the regulatory authority and a letter of availability from the water
- 10 system purveyor must be submitted. ~~{Prior code § 8.1.3 (Attachment)}.~~

11 5.20.090 Restricted use of easements – Purpose.

12 To protect the public health, the Snohomish ~~Health District~~County Board of Health does, for the

13 sake of clarity, adopt the following additional statement to WAC [246-272A-0010\(2\)](#) for the

14 definition of “on-site sewage system”:

15 However, relative to the creation of new lots, all such piping, treatment devices or

16 other facilities that convey, store, treat or dispose of sewage, including replacement

17 systems, shall be located within the boundaries of the lot where the sewage originates.

18 ~~{Res. 08-10. Revised and reapproved by DOH 12/15/94. Res. 93-32, Eff. 11/09/93. Res. 89-30.~~

19 ~~Prior code § 8.1.3.1(1)}.~~

20 5.20.100 Restricted use of easements – Applicability.

21 The local definition of on-site sewage system shall in its entirety read as follows:

22 Any system of piping, treatment devices, or other facilities that convey, store, treat, or

23 dispose of sewage on the property where it originates or on adjacent or nearby

1 property under the control of the user where the system is not connected to a public
2 sewer system. However, relative to the creation of new lots, all such piping, treatment
3 devices or other facilities that convey, store, treat, or dispose of sewage, including
4 replacement systems, shall be located within the boundaries of the lot where the
5 sewage originates.

6 ~~{Res. 08-10. Revised and reapproved by DOH 12/15/94. Res. 93-32, Eff. 11/09/93. Res. 89-30.~~
7 ~~Prior code § 8.1.3.1(II)}.~~

8 Chapter 5.25
9 COMMUNITY SYSTEMS

10 Sections:

- 11 5.25.010 Title and authority.
- 12 5.25.020 Purpose and policy declared.
- 13 5.25.030 Applicability.
- 14 5.25.040 Definitions.
- 15 5.25.050 Community on-site sewage disposal systems.

16 5.25.010 Title and authority.

Commented [ER64]: Renamed section to better reflect the content.

17 These administrative policies and procedures shall be known as the “Supplemental On-Site
18 Sewage Disposal Policies and Procedures – Community System” and are established pursuant to
19 authority vested in the Snohomish ~~County Health District (SHD)~~ Board of Health by RCW
20 [70.05.060](#) and WAC [246-272A-0015\(9\)](#). These policies and procedures are adopted for the
21 protection of public health through the mechanism of establishing design guidelines together
22 with ongoing operation and management requirements for community on-site sewage disposal
23 systems as further defined hereinafter. ~~{Res. 08-10. Revised and reapproved by DOH 12/15/94.~~
24 ~~Res. 93-32, Eff. 11/09/93. Res. 89-20. Prior code § 8.1.4(I)}.~~

1 5.25.020 Purpose and policy declared.

2 These policies and procedures are enacted as an exercise of the powers and duties of the
3 ~~Snohomish County SCD-SHD~~ Board of Health to preserve, promote and improve the public
4 health. The provisions herein shall be liberally construed for the accomplishment of these
5 purposes. ~~[Res. 08-10. Revised and reapproved by DOH 12/15/94. Res. 93-32, Eff. 11/09/93.~~
6 ~~Res. 89-20. Prior code § 8.1.4(II)].~~

7 5.25.030 Applicability.

8 A. These policies and procedures shall apply to all lots, parcels and tracts not served by public
9 sewer without regard to whether such lots, parcels or tracts may have been in existence prior
10 to the effective date of these policies and procedures.

11 B. Deviations from these policies and procedures may be granted only for repair of existing,
12 failing, on-site sewage disposal systems which cannot meet current regulations and these
13 policies and procedures because of site limitation.

14 C. All existing buildings or structures served by a community on-site sewage disposal system to
15 which additions, alterations, or improvements are proposed shall comply with Chapter [5.15](#)
16 ~~SCBHCSHDC~~ and these policies and procedures.

17 D. Nonexpanding, existing/approved community on-site sewage disposal systems are exempt
18 from these policies and procedures. ~~[Res. 08-10. Revised and reapproved by DOH 12/15/94.~~
19 ~~Res. 93-32, Eff. 11/09/93. Res. 89-20. Prior code § 8.1.4(III)].~~

20 5.25.040 Definitions.

21 "Community on-site sewage disposal system" means any on-site sewage disposal system having
22 more than one service with an anticipated flow of less than 3,500 gallons per day and where
23 services are located on more than one parcel of land.

1 “Service” means a connection to an on-site sewage disposal system designed to serve a single-
2 family residence, commercial structure, dwelling unit, or equivalent use. ~~[Res. 08-10- Revised~~
3 ~~and reapproved by DOH 12/15/94. Res. 93-32, Eff. 11/09/93. Res. 89-20. Prior code § 8.1.4(IV)].~~

4 5.25.050 Community on-site sewage disposal systems.

5 A. Design of these systems shall comply with Chapter [246-272B](#) WAC.

6 B. Prior to construction, plans and specifications for community on-site sewage disposal
7 systems shall be submitted to and approved by the Health Officer or delegated representative.

8 1. *Submission of Plans and Specifications.*

9 a. Before installing or entering into a contract for installing a community system, an
10 on-site sewage disposal system application with complete plans and specifications shall
11 be submitted to ~~SCHD SHD~~ fully describing such community on-site sewage disposal
12 system, and upon receipt of written approval by the Health Officer or delegated
13 representative the plans and specifications shall be adhered to unless deviations are
14 first submitted to and receive written approval of the Health Officer or delegated
15 representative.

16 b. A detailed operation and maintenance manual, fully describing the treatment and
17 disposal systems and outlining routine maintenance procedures for proper operation
18 of the system, shall be submitted prior to final approval of the system.

19 2. All applications, plans and specifications for new community on-site sewage disposal
20 systems, extensions or alterations, shall be prepared by a sewage disposal designer
21 certified with ~~SCHD SHD~~ or a Washington State registered professional engineer.

22 3. Management and maintenance of community on-site sewage disposal systems shall be
23 provided by a public agency as defined in RCW [39.34.020](#) acting as the management
24 authority or acting as third party trust if management is performed by a private entity. The
25 management system shall comply with the Management and Maintenance Guidelines for
26 LOSS, dated June 29, 2004, as published by the Washington State Department of Health.

1 a. The fee for review of the proposed waste management document is set by the
2 SCHD-SHD Snohomish County Board of Health as listed on the current fee schedule.

3 b. The application shall be accompanied by an opinion letter from an attorney
4 licensed to practice law in the state of Washington representing that the management
5 agreement complies with all applicable laws and regulations, and is a valid and binding
6 obligation of all parties thereto. The opinion letter shall be in such form as the Health
7 Officer or delegated representative may require.

8 c. The management authority shall prepare a user’s manual which describes the
9 responsibilities and duties of the user along with precautionary information as may be
10 necessary to preclude inadvertent abuse to the sewage system. A copy of such manual
11 shall be provided to each user at the time of purchase.

12 4. After approval of the application and design by SCHD-SHD, an on-site sewage disposal
13 system installation permit shall be obtained prior to installing the community system.
14 When applicable, on-site sewage disposal system installation permits shall be obtained for
15 each structure prior to the septic tank, pump or dosing tank and connecting line to the
16 community system being installed. ~~[Res. 08-10. Revised and reapproved by DOH 12/15/94.
17 Res. 93-32, Eff. 11/09/93. Res. 89-20. Prior code 5-8.1.4(V)].~~

18 Chapter 5.30

19 USE OF SAND FILTER SYSTEM/MOUND SYSTEM ON SITES WITH 12 INCHES TO 18 INCHES OF
20 SUITABLE SOIL, USE OF BOOT WITH SAND FILTER LINER

21 Sections:

- 22 5.30.010 Sand filter system – Purpose.
- 23 5.30.020 Sand filter liner – Purpose.
- 24 5.30.030 Sand filter liner – Standards.

1 5.30.010 Sand filter system – Purpose.

2 The Snohomish ~~County~~ Health ~~Department~~District (SCHD) may approve the use of a mound
3 system preceded by a sand filter for existing legal lots of record when site conditions comply
4 with all requirements described in Recommended Standards and Guidance for Performance,
5 Application, Design and Operation and Maintenance Mound Systems, July 1, 2007.

6 ~~SCHD SHD~~ will not approve the creation of new lots, parcels or tracts that would utilize the sand
7 filter/mound system on sites with only 12 inches to 18 inches of suitable soil. ~~[Res. 08-10-~~
8 ~~Revised and reapproved by DOH 12/15/94, Res. 93-32, Eff. 11/09/93. Prior code 5-8-1.8].~~

9 5.30.020 Sand filter liner – Purpose.

10 The following standards are for the design and construction of a sand filter using a synthetic
11 membrane-lined pit with an underdrain and attached underdrain boot. These standards are
12 established to assure that the boot is used as designed by the manufacturer, to assure that
13 leakage at the boot is prevented through good design and construction practice, and to allow
14 for testing the performance of the boot installation. ~~[Res. 08-10. Revised and reapproved by-~~
15 ~~DOH 12/15/94, Res. 93-32, Eff. 11/09/93. Prior code 5-8-1.9(I)].~~

16 5.30.030 Sand filter liner – Standards.

- 17 A. The system designer is to identify the use of a sand filter liner with underdrain and boot as a
18 part of the application for on-site sewage disposal permit, and provide specifications detailing
19 design and installation requirements.
- 20 B. The boot is to be installed by the manufacturer or the manufacturer’s representative.
- 21 C. The boot outlet is to be bedded in sand.
- 22 D. The boot is to be sized to accommodate a four-inch underdrain outlet pipe.
- 23 E. The boot is to be secured to the four-inch outlet pipe with two stainless steel bands and
24 screws, and sealant strips as recommended by the manufacturer.

- 1 F. The underdrain is to be designed in accordance with Recommended Standards and
- 2 Guidance for Performance, Application, Design, and Operation and Maintenance Intermittent
- 3 Sand Filter Systems, July 1, 2007, Appendix C, Underdrains, and exit the side of the liner.

- 4 G. Sewer pipe from the sand filter to the drainfield shall be ASTM 3034 ring tight.

- 5 H. The trench from the sand filter to the drainfield shall be backfilled with a minimum five-foot
- 6 clay or hardpan dam to prevent the trench from acting as a conduit for groundwater movement
- 7 towards the drainfield.

- 8 I. During the initial implementation period of this procedure the Snohomish County Health
- 9 Department~~District~~ may require performance testing of the sand filter/boot for leakage. The
- 10 need for a performance test shall be discussed and agreed upon at the preconstruction
- 11 conference. The performance test shall be conducted by:
 - 12 1. Block outlet pipe.
 - 13 2. Fill underdrain gravel with water.
 - 14 3. Measure and record elevation of water through observation/inspection port.
 - 15 4. Let stand 24 hours minimum.
 - 16 5. Measure and record elevation of water through observation/inspection port.
 - 17 6. No allowable drop in the water level. ~~{Res. 08-10, Revised and reapproved by DOH-~~
 - 18 ~~12/15/94, Res. 93-32, Eff. 11/09/93. Prior code § 8.1.9(II)}.~~

Chapter 5.35

RESIDENT OWNER APPLICATION FOR A REPAIR PERMIT

Sections:

- 22 ~~5.35.010 Purpose.~~
- 23 ~~5.35.020 Example.~~
- 24 ~~5.35.030 Procedure.~~

Commented [ER65]: RATIONALE FOR REMOVAL OF ENTIRE CHAPTER:

This chapter applied to a plan review option that is no longer in practice and has been removed from our fee schedule. This chapter previously allowed staff to assist in the design of some repair applications. This was a resource intensive process. Due to financial sustainability and liability concerns, this option was removed from the fee schedule that was passed unanimously by the BOH on 11/07/2017 (effective 12/01/2017). This has not been on any fee schedule since 12/01/2017.

TIMELINE

- 2016: Last [fee schedule](#) to have this option
- 2017: First [fee schedule](#) to have this option removed.
- Present: Current [fee schedule](#)

1 ~~5.35.010 — Purpose.~~

2 ~~This application is to be used by the resident owner requesting a permit to repair an existing-~~
3 ~~on-site sewage disposal system who wishes to participate in the site evaluation preparatory-~~
4 ~~work and site plan drawing. This application can be submitted by the resident owner only.-~~
5 ~~Repair applications for rental homes, commercial establishments and multifamily units must be-~~
6 ~~submitted by a certified designer or engineer.~~

7 ~~The Snohomish Health District (SHD) will assist the resident owner in the design of conventional-~~
8 ~~on-site sewage disposal systems only. Repair designs that require the use of an alternative-~~
9 ~~system must be submitted by a certified designer or engineer. [Revised and reapproved by DOH-~~
10 ~~12/15/94. Res. 93-32, Eff. 11/09/93. Prior code § 8.2.1(I)].~~

11 ~~5.35.020 — Example.~~

12 ~~Attached to the resolution codified in this section is a completed example form to be used as-~~
13 ~~reference when completing the repair application form. Complete the application as shown,-~~
14 ~~leave blank those items left blank on the sample form. [Revised and reapproved by DOH-~~
15 ~~12/15/94. Res. 93-32, Eff. 11/09/93. Prior code § 8.2.1(II)].~~

16 ~~5.35.030 — Procedure.~~

17 ~~A. Prior to submitting the application, the applicant is to:~~

18 ~~1. Dig two soil test holes, 18 inches wide by 36 inches deep, in a potential installation-~~
19 ~~area. Space the holes 50 feet apart. Describe the soil texture, color and depth in the space-~~
20 ~~provided on the application.~~

21 ~~2. Complete a plot plan as described on the application form. Be sure to show the location-~~
22 ~~and dimensions of the existing structures on the property and the property line-~~
23 ~~dimensions.~~

24 ~~B. The application, plot plan and review fee can then be submitted to SHD for review. [Revised-~~
25 ~~and reapproved by DOH 12/15/94. Res. 93-32, Eff. 11/09/93. Prior code § 8.2.1(III)].~~

Chapter 5.40

ON-SITE SEWAGE DISPOSAL SYSTEM INSTALLER CERTIFICATION PROGRAM AND INSTALLATION REQUIREMENTS

Sections:

- 5.40.010 Purpose and authority.
- 5.40.020 Definitions.
- ~~5.40.030 Procedures.~~
- 5.40.040 Certificate required.
- 5.40.050 Duties and obligations.
- 5.40.060 ~~Installer certification. Certification.~~
- 5.40.070 Installer company certification.
- 5.40.080 Health officer approval required.
- 5.40.090 Installation requirements.

5.40.010 Purpose and authority.

Pursuant to WAC [246-272A-0340](#) the following administrative procedure is adopted.

A. Purpose: The purpose of the installer program and the underlying rules and regulations thereto is to establish minimum competency standards for individuals engaged in the practice of installing on-site sewage disposal systems (OSS) within the jurisdiction of the Snohomish County Health Department District (SCHD), as well as to provide specific requirements regarding certification of individuals and the activities associated with OSS installation.

The Health Officer and local Board of Health shall administer these regulations under authority and requirements of Chapters [43.20](#), [70.05](#), and [70.46](#) RCW, as well as the underlying Chapter [246-272A](#) WAC which specifically proclaims in WAC [246-272A-0340](#) a mandate for the establishment of the installer program. ~~{Res. 12-15, Res. 08-10, Revised and reapproved by DOH 12/15/94, Res. 93-32, Eff. 11/09/93, Res. 89-61. Prior code 5-8.3(I)}.~~

Commented [ER66]:
Merged Ch.5.45 into Ch.5.40

RATIONALE FOR CHANGE:

Ch.5.45 were supplemental procedures to Ch.5.40. Having these two chapters separated added no value. This will eliminate circular references and redundancies. It also makes it easier to read and interpret for all users of the code.

Commented [ER67]: Not new code. This was relocated from Ch.5.45.010.

1 5.40.020 Definitions.

2 In addition to the definitions found in WAC [246-272A-0010](#) and in any supplemental on-site
3 sewage disposal regulations of [SCHD~~S~~HD](#), the following shall apply:

4 “Certified company” means a business entity which employs individuals possessing an installer
5 certification.

6 ~~“Design”~~ An OSS design shall consist of a complete scale drawing of the site plan showing the
7 proposed sewage disposal system installation, including all relevant values and details, and
8 using the format and application forms provided by [SCHD~~S~~HD](#). The presentation of requisite soil
9 test holes, information and markers at the site of the intended development is considered to be
10 part of the design.

11 “Installer” means an individual who personally holds an installer certificate of competency and
12 performs the actual work of installing, repairing, and renovating on-site sewage treatment and
13 disposal systems. A homeowner may act in the capacity of the installer and install his/her own
14 system in accordance with the supplemental procedures.

15 “Installer certificate of competency” means a document issued by [SCHD~~S~~HD](#) indicating an
16 individual’s satisfactory completion of the application and testing procedures relative to OSS.

17 “Permit” means written approval from [SCHD~~S~~HD](#) to construct or repair an OSS in accordance
18 with an approved design and use.

19 “Violation” means the construction or omission of any significant element of an on-site sewage
20 disposal system which, if left uncorrected, may result in the malfunction of the wastewater
21 treatment or disposal system, or would allow the use of the system to circumvent required
22 treatment and disposal of wastewater. Also, OSS construction work that is performed without a
23 permit or approval from [SCHD~~S~~HD](#). This includes but is not limited to: a drainfield installation in
24 violation of the applicable rules and regulations; an installation not fitting the size, shape or
25 topography of the site or its setbacks; use of inadequate construction materials, devices or
26 methods; a sewage disposal system construction flaw that could allow the contamination of
27 groundwater; a sewage disposal system that is installed at an unsafe distance from a water
28 supply or surface water; OSS construction that could malfunction or allow sewage to discharge
29 to the surface.

1 “Violation notice” means written determination that the named installer has committed a
2 violation of the rules or regulations. ~~[Res. 12-15, Res. 08-10, Revised and reapproved by DOH~~
3 ~~12/15/94, Res. 93-32, Eff. 11/09/93, Res. 89-61. Prior code § 8.3(II)].~~

4 ~~5.40.030 — Procedures.~~

5 ~~The SHD policy titled “Supplemental Procedures Regarding: On-Site Sewage System Installer~~
6 ~~Certification and Installation Requirements” prescribes the activities associated with installer~~
7 ~~certification and minimum standards for system installation. Revisions or modifications to the~~
8 ~~policy shall be approved by the Director of Environmental Health. [Res. 12-15, Res. 08-10,~~
9 ~~Revised and reapproved by DOH 12/15/94, Res. 93-32, Eff. 11/09/93, Res. 89-61. Prior code~~
10 ~~§ 8.3(III)].~~

Commented [ER68]:

RATIONALE FOR CHANGE:

This was not a policy but rather previously codified into Ch.5.45. Ch.5.45 as a stand alone “supplemental” chapter does not provide any value to the Code. Merging Ch.5.45 into Ch.5.40.

11 5.40.040 Certificate required.

12 A. No person shall engage directly or indirectly in the activity of installing all or any part of an
13 OSS without first having obtained an installer certificate of competency from ~~SCHD SHD~~.

14 B. An on-site sewage disposal system installer certificate shall be nontransferable.

15 C. Each certified individual shall conduct his or her work in the employ of a certified company
16 appropriate to the work performed and provide to ~~SCHD SHD~~ the name of the certified
17 company with which they are employed and shall notify ~~SCHD SHD~~ within 30 days of any
18 employment changes.

19 D. When complying with the requirements of this chapter, the certified individual represents
20 the certified company with which he or she is employed. The certified company, as well as the
21 certified individual, may be subject to disciplinary action for violating the requirements of this
22 chapter. ~~[Res. 12-15, Res. 08-10, Revised and reapproved by DOH 12/15/94, Res. 93-32, Eff.~~
23 ~~11/09/93, Res. 89-61. Prior code § 8.3(IV)].~~

1 5.40.050 Duties and obligations.

2 By virtue of performing OSS construction, an installer incurs the obligation to comply with the
3 minimum requirements for on-site sewage disposal which includes proper installation of an
4 approved system design in conformance with SHD standards. All installation work is subject to
5 inspection and approval prior to use. ~~[Res. 12-15, Res. 08-10, Revised and reapproved by DOH-~~
6 ~~12/15/94, Res. 93-32, Eff. 11/09/93, Res. 89-61, Prior code 5-8.3(V)].~~

7 5.40.060 Installer certification. ~~Certification.~~

8 ~~SCHD Does~~ does not allow an individual installer who also holds a designer's license to
9 concurrently act as both the installer and the designer of the same system. Each individual
10 applying for certification and/or recertification must satisfy the following:

11 A. *Qualification.* Under these regulations an individual shall be subjected to testing, as is
12 further defined herein, as well as be obligated to satisfy contractor licensing requirements as
13 referenced.

14 B. *Term.* An installer certificate of competency shall run from the date of issue concurrent with
15 the calendar year, and will expire on December 31 of the year unless otherwise suspended or
16 revoked.

17 C. *Application and Testing.* ~~Individuals applying for certification must meet minimum~~
18 ~~examination requirements in accordance with the supplemental procedures.~~ Certification of
19 installer's competency shall be determined in the following manner:

20 1. The applicant must file notice of interest with the Health Officer ~~Manager of the Water~~
21 ~~and Wastewater Section~~ requesting to be placed on the test candidate register.

22 2. Testing will be conducted at monthly intervals by the Water and Wastewater Section
23 ~~Manager~~ Health Officer of individuals named in the current test candidate register. At the
24 time of testing, an applicant for installer certification of competency must submit an
25 application and payment of the examination fee as listed in the current fee schedule.

26 3. Testing will consist of three phases:

1 a. A written exam to determine the applicant’s knowledge of public health problems
2 involved in on-site treatment and disposal of sewage; of water and wastewater rules,
3 regulations and policies; of standards of design, construction and installation; of
4 soil/site evaluation; and of sewage treatment theory. If the applicant scores below 70
5 percent on the written exam, the applicant fails that exam and must wait until the next
6 scheduled examination to re-take the exam, and may not continue with any other part
7 of this examination.

8 b. A practical field exercise consisting of the examination of a site for a proposed OSS
9 installation, at a time and place selected by the ~~Manager~~Health Officer, and a verbal
10 description of methods of installation, and submittal of a preliminary written bid for
11 construction of the proposed OSS including an itemization of materials, equipment and
12 labor costs. This exercise must be taken within 90 days of passing the written
13 examination and completed to the satisfaction of the ~~Program Manager~~Health Officer;
14 otherwise, the applicant will be required to retake the entire testing procedure.

15 c. A satisfactory oral review with the ~~Water and Wastewater Program Manager~~Health
16 ~~Officer~~ of the test results completes the exam.

Commented [ER69]: This is not new code. This originally referenced Ch.5.45.030. Now the reference has been added into this section. Ch.5.45 will be deleted as it is now redundant.

18 D. *Issuance.* A certificate will be issued by the Health Officer to qualified individuals who have
19 passed the necessary written examination, field exercise, oral review, and otherwise complied
20 with the other licensing and bonding requirements contained herein so as to demonstrate that
21 said candidate appears to be qualified to install sewage disposal systems consistent with the
22 category of the certificate being sought. This certification does not constitute a guaranty, a
23 warranty, or any representation by ~~SCHD SHD~~ relative to the specific work or performance of
24 the certificate holder.

25 Test results for the purpose of certification will be retained for only a 90-day period. Failure to
26 complete requirements and obtain certification within that time will require reapplication and
27 reexamination as outlined in subsection (C) of this section unless special arrangements are
28 made by the ~~Health Officer~~ manager.

29 1. A new certificate shall be issued upon:

30 a. Determination of competency through testing as described above.

1 b. Proof of possession of a current, valid general or specialty contractor license issued
2 by the state of Washington.

3 c. Payment of the annual certification fee as listed in the current fee schedule.

4 2. A renewal installer certificate of competency will be issued to a holder of an expired
5 installer certificate upon receipt of payment not later than March 1 of the next certificate
6 year. A late fee, as prescribed in the current fee schedule, shall be imposed on applications
7 for renewal received later than that date. After March 31 the certificate will be
8 nonrenewable and the installer must apply for new certification as outlined in subsections
9 (C) and (D) of this section. OSS installations performed by any installer seeking renewal of
10 the installer certificate will not be approved until the renewal application is completed and
11 the annual fee is paid.

12 E. *Suspension and Revocation.* The Health Officer may suspend or revoke any installer
13 certification of competency upon making the determination that the holder has performed with
14 negligence, incompetence, misrepresentation, or violation of the rules, regulations, guidelines,
15 policies, or practices adopted by ~~SCHD SHD~~ which pertain to water supply and wastewater
16 disposal, either existing at the time of certification or as thereafter enacted. A certificate may
17 be suspended by the Health Officer for any of the following reasons:

18 1. For committing a violation that would allow the existence of a real or potentially
19 serious threat to the public health or to the quality of surface and groundwaters, or for
20 making any serious, material misrepresentation of major facts as part of the construction of
21 any OSS.

22 2. When the holder has been issued three notices of violation by the Environmental
23 Health Division staff within any 12-month period.

24 3. When the holder's surety bond or general or specialty contractor's license is no longer
25 valid or in effect.

26 F. *Suspension.*

27 1. *Violation.* When the Water and Wastewater Program Manager finds that the installer
28 has committed a significant violation of the regulations, principles, or practices of OSS
29 installation, a notice of violation shall be issued. The installer shall be notified by certified

1 and regular mail of the issuance of the violation notice. Where such violation notice
2 constitutes the third notice of violation within any 12-month period, the installer shall also
3 be notified of the immediate suspension of the installer certificate.

4 2. Upon finding that the conditions of installer certification are no longer in effect,
5 specifically the maintenance of the Washington State contractor license, or by the
6 abandonment of the occupation either by relocation out of state, or by inactivity for more
7 than one year, the certification shall be suspended. The installer shall be notified by
8 certified and regular mail of the immediate suspension of the installer certificate of
9 competency.

10 G. *Reinstatement of Suspension.*

11 1. The installer shall make written application for reinstatement to the Water and
12 Wastewater Program Manager, specifying what practices, performance, and conditions
13 that were named as grounds for suspension have been remedied, and a description of
14 changes in performance that will occur which will directly avoid the repetition of past
15 violations.

16 2. The Water and Wastewater Program Manager, upon determining that noted
17 deficiencies have been satisfactorily addressed, shall schedule the installer for participation
18 in the next available test. Recertification is subject to the installer's successful completion
19 of the application and testing procedure and payment of testing and licensing fees as per
20 subsections (C) and (D) of this section.

21 3. Upon proof of reinstatement of the performance bond or contractor's license, where
22 that is the only fault, the certificate of competency can be immediately reinstated by the
23 manager.

24 H. *Appeal.*

25 1. Any installer who feels that the suspension of the certificate of competency by the
26 Water and Wastewater Program Manager is an incorrect action may submit an appeal.
27 Such request must be filed in writing with the Director of Environmental Health within 21
28 days, with the date of suspension counting as the first day.

- 1 2. In the request for an administrative review, the installer must specifically state which
2 violations cited by the Water and Wastewater Program Manager were incorrectly cited or
3 which portions of these certification procedures were incorrectly applied. In these
4 instances, suspension of the certificate will be stayed pending outcome of the final hearing
5 unless, in the opinion of the Health Officer, there exists an imminent health hazard that
6 would result from the continued activity of the installer.

- 7 3. An administrative review shall be conducted in accordance with the step one appeals
8 procedure of ~~SCHD SHD~~ rules and regulations governing on-site sewage disposal, Chapter
9 [1.20 SCBHCSHDC](#), Right of Appeal.

- 10 I. *Revocation.* The certificate may be revoked for any of the following reasons:
 - 11 1. A violation of a severity and magnitude that, in the opinion of the Health Officer,
12 warrants immediate revocation. Including but not limited to the following actions:
 - 13 a. The creation of an extremely serious health hazard.
 - 14 b. The concealment of major facts or pertinent information regarding an installation.
 - 15 c. Allowing another to submit work using the name on the installer certificate.
 - 16 d. By using the name of another certificate holder; fraudulent representation.
 - 17 e. Asserting undue influence on or interference with ~~SCHD SHD~~ staff.
 - 18 2. When notification of the installer through the violation notice process has resulted in
19 the issuance of a notice of violation beyond the second suspension of certification, the
20 certificate shall be subject to revocation by the Health Officer.
 - 21 3. Once revoked, a certificate of competency will not be granted to an individual at any
22 time within the subsequent three-year period from the date of notification.
 - 23 4. The Health Officer will not revoke a certificate until an opportunity has been provided
24 for a hearing before the Health Officer or the Health Officer's designee. Certificates shall be
25 revoked through issuance of a Health Officer's order, to be mailed to the certificate holder
26 by regular and certified mail.

1 J. *Installing without Certification.* An individual found to be engaging in the business of OSS
2 installation or repair without requisite certification shall be notified by the Water and
3 Wastewater Program Manager, by certified mail, of these requirements. If eligible, the
4 individual is to submit for examination at the next regularly scheduled time, and pay double the
5 test and certification fee. Refusal to comply with these requirements will then make the
6 individual ineligible for certification for three years. ~~{Res. 12-15, Res. 08-10, Revised and~~
7 ~~reapproved by DOH 12/15/94, Res. 93-32, Eff. 11/09/93, Res. 89-61. Prior code § 8.3(VI)}.~~

8 K. Fees. Fees as adopted by the Snohomish County Board of Health must be submitted prior to
9 issuance of an installer certificate of competency. Application for reinstatement following
10 suspension or revocation requires submittal of appropriate annual fee and reexamination.

Commented [ER70]:
This is not new code. This was relocated from Ch.5.45.030.
Ch.5.45 will be deleted as it is now redundant.

11 5.40.070 Installer company certification.

Commented [ER71]:
This is not new code. Relocated from Ch.5.45.040.

12 Each company applying for certification and/or recertification must satisfy the following:

13 A. *Fees.* Fees as adopted by the Snohomish County ~~SHD~~-Board of Health must be submitted
14 prior to issuance of an installer company certificate of competency. Application for
15 reinstatement following suspension or revocation requires submittal of appropriate annual fee.

16 B. *Provider List.* Annual submittal of a list of certified installers who will be performing the
17 work on the company's behalf. A minimum of one certified individual shall be required for each
18 company.

19 C. *Contractor's License.* Each installation company must hold a Washington State general
20 contractor's license or applicable specialty contractor's license. A copy of the applicable valid
21 contractor's license must be submitted to ~~SCHD SHD~~ prior to initial certification and annually
22 thereafter at time of certification renewal. Listing on any installation provider list maintained
23 and distributed by ~~SHD SCHD~~ will be alphabetically by company name. ~~{Res. 12-15. Prior code~~
24 ~~§ 8.3 (Supplement)(IV)}.~~

25

26 5.40.080 Health officer approval required.

Commented [ER72]:
This is not new code. Relocated from Ch.5.45.050.

1 The Health Officer may allow the owner of a single-family residence to install the OSS for
2 his/her single-family residence that he/she intends to occupy provided the following conditions
3 are met:

- 4 A. The OSS is a conventional gravity system.
- 5 B. The property owner is in possession of a valid, approved design and permit for a gravity OSS
6 with no pump or siphon required.
- 7 C. The installation shall follow the approved design and meet the requirements of this Chapter-
8 5.40 SHDC, except for the professional installer certification requirements.
- 9 D. A certified installer performs all installation work not done by the resident owner.

10 Under no circumstances shall a property owner perform more than one installation in a
11 calendar year. ~~[Res. 12-15. Prior code § 8.3 (Supplement)(V)].~~

12 5.40.090. Installation requirements.

13 In accordance with the requirements of ~~SCBHCSHDC~~ Title 5, the following specific installation
14 requirements are set forth in order to maintain a high level of quality control throughout the
15 OSS construction process.

16 The ~~SCHD SHD~~ shall require certified installers to construct the OSS, except as noted under
17 ~~SCBHCSHDC 5.40.080 5.45.050~~. In all cases, construction of the OSS shall include system back
18 fill and final grading.

19 The installer shall:

- 20 A. Follow the approved design. Design revisions must have the concurrence of the designer
21 and ~~SCHD SHD~~ before commencing work.
- 22 B. Have the approved design and permit in possession during installation.
- 23 C. Be on the site at all times during the construction of the on-site system.
- 24 D. Install the on-site system to be watertight, except for the disposal component.

Commented [ER73]:
This is not new code. Relocated from Ch.5.45.060,
Procedure. Renamed title of section to better reflect the
contents within.

Commented [ER74]:
Adjusted internal reference to reflect new location of this
reference.

- 1 E. Upon completion, post the permit on site in a conspicuous location until such time as the
- 2 local Health Officer has granted final approval.
- 3 F. Cover the installation only after the local Health Officer has given approval to cover.
- 4 G. Back fill and grade the site to prevent surface water from accumulating over any
- 5 component of the on-site system. ~~[Res. 12-15. Prior code 5-8.3 (Supplement)(VI)].~~

8 ~~Chapter 5.45~~

9 ~~SUPPLEMENTAL ON-SITE SEWAGE SYSTEM INSTALLER CERTIFICATION AND INSTALLATION~~
10 ~~REQUIREMENTS~~

Commented [ER75]:
Ch.5.45 was merged with Ch.5.40. Ch.5.45 can now be deleted.

11 Sections:

- 12 ~~5.45.010 — Purpose.~~
- 13 ~~5.45.020 — Background.~~
- 14 ~~5.45.030 — Installer certification.~~
- 15 ~~5.45.040 — Installer company certification.~~
- 16 ~~5.45.050 — Health Officer approval required.~~
- 17 ~~5.45.060 — Procedure.~~

18 ~~5.45.010 — Purpose.~~

19 ~~The Snohomish Health District (SHD) has adopted Sanitary has adopted Code requirements~~
20 ~~regarding on-site sewage disposal system (OSS) installation requirements. These policies and~~
21 ~~procedures contain the specific requirements regarding certification of individuals and the~~
22 ~~activities associated with OSS installation. [Res. 12-15. Prior code 5-8.3 (Supplement)(I)].~~

Commented [ER76]: Merged this section with 5.40.010. This section is now redundant and can be deleted.

1 ~~5.45.020 Background.~~

2 ~~The following procedures are established pursuant to Chapter 5.40 SHDC, prescribing minimum-~~
3 ~~requirements for certification as an OSS installer and prescribing minimum requirements for~~
4 ~~activities related to OSS installation. Nothing contained in this policy shall be construed to~~
5 ~~prevent the Health Officer from requiring compliance with higher requirements than those~~
6 ~~contained herein where such higher requirements are essential to maintain a safe and sanitary~~
7 ~~condition. [Res. 12-15. Prior code § 8.3 (Supplement)(II)].~~

Commented [ER77]:
This is already covered under 5.40.010, *Purpose and Authority*.

8 ~~5.45.030 Installer certification.~~

9 ~~Each individual applying for certification and/or recertification must satisfy the following:~~

10 ~~A. Application and Testing. Certification of installer's competency shall be determined in the~~
11 ~~following manner:~~

12 ~~1. The applicant must file notice of interest with the Manager of the Water and~~
13 ~~Wastewater Section requesting to be placed on the test candidate register.~~

14 ~~2. Testing will be conducted at monthly intervals by the Water and Wastewater Section~~
15 ~~Manager of individuals named in the current test candidate register. At the time of testing,~~
16 ~~an applicant for installer certification of competency must submit an application and~~
17 ~~payment of the examination fee as listed in the current fee schedule.~~

18 ~~3. Testing will consist of three phases:~~

19 ~~a. A written exam to determine the applicant's knowledge of public health problems~~
20 ~~involved in on-site treatment and disposal of sewage; of water and wastewater rules,~~
21 ~~regulations and policies; of standards of design, construction and installation; of~~
22 ~~soil/site evaluation; and of sewage treatment theory. If the applicant scores below 70-~~
23 ~~percent on the written exam, the applicant fails that exam and must wait until the next~~
24 ~~scheduled examination to re-take the exam, and may not continue with any other part~~
25 ~~of this examination.~~

26 ~~b. A practical field exercise consisting of the examination of a site for a proposed OSS-~~
27 ~~installation, at a time and place selected by the Manager, and a verbal description of~~

Commented [ER78]:
Relocated entire section to 5.40.060

~~methods of installation, and submittal of a preliminary written bid for construction of the proposed OSS including an itemization of materials, equipment and labor costs. This exercise must be taken within 90 days of passing the written examination and completed to the satisfaction of the Program Manager; otherwise, the applicant will be required to retake the entire testing procedure.~~

~~e. A satisfactory oral review with the Water and Wastewater Program Manager of the test results completes the exam.~~

~~B. Fees. Fees as adopted by the Snohomish CountySHD Board of Health must be submitted prior to issuance of an installer certificate of competency. Application for reinstatement following suspension or revocation requires submittal of appropriate annual fee and reexamination. [Res. 12-15. Prior code § 8.3 (Supplement)(III)].~~

5.45.040 Installer company certification.

~~Each company applying for certification and/or recertification must satisfy the following:~~

~~A. Fees. Fees as adopted by the Snohomish CountySHD Board of Health must be submitted prior to issuance of an installer company certificate of competency. Application for reinstatement following suspension or revocation requires submittal of appropriate annual fee.~~

~~B. Provider List. Annual submittal of a list of certified installers who will be performing the work on the company's behalf. A minimum of one certified individual shall be required for each company.~~

~~C. Contractor's License. Each installation company must hold a Washington State general contractor's license or applicable specialty contractor's license. A copy of the applicable valid contractor's license must be submitted to SHD prior to initial certification and annually thereafter at time of certification renewal. Listing on any installation provider list maintained and distributed by SHD will be alphabetically by company name. [Res. 12-15. Prior code § 8.3 (Supplement)(IV)].~~

Commented [ER79]:
Relocated to Ch.5.40.070.

~~5.45.050 Health Officer approval required.~~

Commented [ER80]: Relocated to Ch.5.40.080.

~~The Health Officer may allow the owner of a single-family residence to install the OSS for his/her single-family residence that he/she intends to occupy provided the following conditions are met:~~

~~A. The OSS is a conventional gravity system.~~

~~B. The property owner is in possession of a valid, approved design and permit for a gravity OSS with no pump or siphon required.~~

~~C. The installation shall follow the approved design and meet the requirements of Chapter 5.40 SHDC, except for the professional installer certification requirements.~~

~~D. A certified installer performs all installation work not done by the resident owner.~~

~~Under no circumstances shall a property owner perform more than one installation in a calendar year. [Res. 12-15, Prior code 5.8.3 (Supplement)(V)].~~

~~5.45.060 Procedure.~~

~~In accordance with the requirements of SHDC Title 5, the following specific installation requirements are set forth in order to maintain a high level of quality control throughout the OSS construction process.~~

~~The SHD shall require certified installers to construct the OSS, except as noted under SHDC 5.45.050. In all cases, construction of the OSS shall include system back fill and final grading.~~

~~The installer shall:~~

~~A. Follow the approved design. Design revisions must have the concurrence of the designer and SHD before commencing work.~~

~~B. Have the approved design and permit in possession during installation.~~

~~C. Be on the site at all times during the construction of the on-site system.~~

~~D. Install the on-site system to be watertight, except for the disposal component.~~

1 ~~E. Upon completion, post the permit on site in a conspicuous location until such time as the~~
2 ~~local Health Officer has granted final approval.~~

3 ~~F. Cover the installation only after the local Health Officer has given approval to cover.~~

4 ~~G. Back fill and grade the site to prevent surface water from accumulating over any~~
5 ~~component of the on-site system. [Res. 12-15. Prior code § 8.3 (Supplement)(VI)].~~

6 Chapter 5.50

7 SEPTIC TANK PUMPER PROGRAM

8 Sections:

- 9 5.50.010 Purpose.
- 10 5.50.020 Definitions.
- 11 5.50.030 Certificate required.
- 12 5.50.040 Reporting requirements.
- 13 5.50.050 Duties and obligations.
- 14 5.50.060 Certification.

15 5.50.010 Purpose.

16 Pursuant to WAC [246-272A-0310](#) and [246-272A-0340](#) the following administrative procedure is
17 adopted.

18 The purpose of the septic tank pumper program and the underlying rules and regulations
19 thereto is to establish minimum competency standards for individuals and companies engaged
20 in the practice of removal of septic tank contents, conventional gravity on-site sewage system
21 (OSS) inspection and/or the performance of limited repair measures within the jurisdiction of
22 the Snohomish ~~County~~ Health ~~Department~~District (SCHD). ("Limited repair measure" defined in
23 ~~SCBHCSHDC~~ [5.50.020](#)).

24 The Health Officer and local Board of Health shall administer these regulations under authority
25 and requirements of Chapters [43.20](#), [70.05](#), and [70.46](#) RCW, as well as the underlying Chapter
26 [246-272A](#) WAC which specifically proclaims in WAC [246-272A-0310](#) a mandate to approve

1 individuals involved in septage removal and disposal and in WAC [246-272A-0340](#) an allowance
2 to establish programs and requirements for approving maintenance service providers. ~~[Res. 12-~~
3 ~~15. Res. 08 10. Revised and reapproved by DOH 12/15/94. Res. 93 32, Eff. 11/09/93. Res. 92 28.~~
4 ~~Prior code 5 8.4(I)].~~

5 5.50.020 Definitions.

6 In addition to the definitions found in WAC [246-272A-0010](#) and in any supplemental on-site
7 sewage disposal procedures of ~~SHD~~[SCHD](#), the following shall apply:

8 “Certified company” means a business entity which employs individuals who personally hold a
9 pumper certificate of competency.

10 “Inspection” means a complete and thorough evaluation of OSS components and the ground
11 surface over the gravity subsurface soil absorption system (SSAS). The evaluation of proprietary
12 and nonproprietary pretreatment devices, SSAS other than conventional gravity and other
13 related components such as timers and control panels must be deferred to a certified
14 monitoring and maintenance specialist. Inspection may also include other incidental activities
15 enumerated within the supplemental procedures or for which prior approval has been granted
16 by ~~SHD~~[SCHD](#).

17 “Limited repair measure” means repairs to OSS components not directly associated with the
18 treatment, distribution or absorption of the sewage and as defined in WAC [246-272A-0200\(2\)](#).
19 Limited repair measures may also include other incidental activities enumerated within the
20 supplemental procedures or for which prior approval has been granted by ~~SCHD. SHD.~~

21 “Limited repair report (for limited repair measures)” means a documentation of work
22 performed, submitted in the format and by the means designated by the Health Officer within
23 30 days from the date of service in accordance with the supplemental procedures (reference
24 ~~SCBHCSHDC 5.55.080~~), and accepted by ~~SCHD. SHD.~~

25 “Monitoring and maintenance specialist” means an individual who personally holds an ~~SCHD~~
26 ~~SHD~~ monitoring and maintenance certificate of competency.

1 “Pumper” means an individual that personally holds a pumper certificate of competency and
2 performs the actual work of removal of septic tank and/or sewage holding tank contents,
3 inspection and/or limited repair measures.

4 “Pumper certificate of competency” means a document issued by ~~SCHD SHD~~ indicating an
5 individual’s satisfactory completion of the application and testing procedures relative to septic
6 tank and/or sewage holding tank pumping, inspection and limited repair measures, as defined
7 by this administrative procedure.

8 *Pumper’s Report.* ~~SCHD SHD~~ will develop and distribute an electronic minimum standard report
9 form to be completed by the certified pumper upon servicing or inspection of an OSS. This
10 report will be given to the property owner upon completion of the work and an electronic copy
11 forwarded to ~~SCHD SHD~~ no later than 30 days from the date of service in accordance with the
12 supplemental procedures (reference ~~SCBHCSHDC 5.50.060~~), and accepted by ~~SCHDSHD~~.

13 *Septic Tank Pumper’s Manual.* ~~SCHD SHD~~ will develop and distribute a manual of minimum
14 standards, procedures, and information for pumpers in accordance with the supplemental
15 procedures (reference ~~SCBHCSHDC 5.50.030~~).

16 “Violation” means performance of services not consistent with these regulations and ~~SCHD’s~~
17 ~~SHD’s~~ minimum standards, procedures, and information for septic tank pumpers as set forth in
18 the septic tank pumper’s manual, as well as the underlying Chapter [246-272A](#) WAC. Also, on-
19 site system construction or repair work that is performed beyond the scope of limited repair
20 measures as defined by these regulations; or failure to file a limited repair report or monitoring
21 and maintenance report no later than 30 days from the date the work was completed as
22 required by these regulations.

23 “Violation notice” means written determination that the named pumper and/or certified
24 company has committed a violation of the rules or regulations. ~~[Res. 12-15. Res. 08-10. Revised~~
25 ~~and reapproved by DOH 12/15/94. Res. 93-32, Eff. 11/09/93. Res. 92-28. Prior code § 8.4(III)].~~

1 5.50.030 Certificate required.

2 A. No person shall engage directly or indirectly in the activity of pumping, inspecting or
3 servicing any part of an OSS without first having obtained a pumper certificate of competency
4 from SHD.

5 B. Each certified individual shall conduct his or her work in the employ of a certified company
6 appropriate to the work performed and provide to ~~SCHD SHD~~ the name of the certified
7 company with which they are employed and shall notify ~~SCHD SHD~~ within 30 days of any
8 employment changes.

9 C. When complying with the requirements of this chapter, the certified individual represents
10 the certified company with which he or she is employed. The certified company, as well as the
11 certified individual, may be subject to disciplinary action for violating the requirements of this
12 chapter.

13 D. A certified pumper may only perform monitoring, maintenance, and limited repair
14 measures on conventional gravity OSS where no pretreatment, disinfection or timed dosing is
15 employed.

16 E. A septic tank pumper certificate shall be nontransferable. ~~[Res. 12-15, Res. 08-10, Revised
17 and reapproved by DOH 12/15/94, Res. 93-32, Eff. 11/09/93, Res. 92-28, Prior code § 8.4(III)].~~

18 5.50.040 Reporting requirements.

19 A. *Operating OSS.* The owner of each operating OSS is responsible for ensuring that the system
20 is monitored and maintained, with reports submitted to ~~SCHD SHD~~, in accordance with the
21 requirements of Chapter [246-272A](#) WAC, the applicable Washington State Department of
22 Health Recommended Standards and Guidance for Performance, Application, Design, and
23 Operation and Maintenance document, and the ~~SCHD SHD~~ Supplemental Procedures
24 Regarding: On-Site Sewage System Pumper Certification and Reporting Requirements.

25 B. Certified individuals shall report the failure of an OSS to the Health Officer immediately.
26 ~~[Res. 12-15, Res. 08-10, Revised and reapproved by DOH 12/15/94, Res. 93-32, Eff. 11/09/93,
27 Res. 92-28, Prior code § 8.4(IV)].~~

1 5.50.050 Duties and obligations.

2 By virtue of performing OSS pumping, inspection and/or servicing, a pumper incurs the
3 obligation to comply with the minimum requirements of these rules and regulations and the
4 underlying Chapter [246-272A](#) WAC for on-site sewage disposal which includes proper OSS
5 pumping, inspection and/or servicing in conformance with ~~SCHD SHD~~ standards. These
6 standards include any applicable ~~SCHD SHD~~ policies, Chapter [246-272A](#) WAC and Washington
7 State Department of Health Recommended Standards and Guidance. All maintenance work and
8 associated records are subject to ~~SCHD SHD~~ inspection and review to determine compliance
9 with these requirements. [~~Res. 12-15, Res. 08-10, Revised and reapproved by DOH 12/15/94,~~
10 ~~Res. 93-32, Eff. 11/09/93, Res. 92-28, Prior code § 8.4(V)~~].

11 5.50.060 Certification.

12 A pumper certification of competency does not allow an individual pumper to perform
13 construction or repair work outside the scope of limited repair measures as defined by these
14 regulations.

15 A. *Qualification.* Under these regulations, an individual shall be subjected to testing, as is
16 further defined herein, as well as be obligated to obtain a state of Washington contractor
17 license.

18 B. *Term.* A pumper certificate of competency shall run from the date of issue concurrent with
19 the calendar year, and will expire on December 31 of the year unless otherwise suspended or
20 revoked.

21 C. *Application and Testing.* Individuals applying for certification must meet minimum
22 examination requirements in accordance with the supplemental procedures.

23 D. *Issuance.* A certificate will be issued by the Health Officer to qualified individuals who have
24 passed the necessary written examination, oral review, and otherwise complied with the other
25 licensing and bonding requirements contained herein so as to demonstrate that said candidate
26 appears to be qualified to pump septic tanks and perform system service consistent with the
27 category of the certificate being sought. This certification does not constitute a guaranty, a

1 warranty, or any representation by ~~SCHD SHD~~ relative to the specific work or performance of
2 the certificate holder.

3 Test results for the purpose of certification will be retained for only a 90-day period. Failure to
4 complete requirements and obtain certification within that time will require reapplication and
5 reexamination as outlined in subsection (C) of this section unless special arrangements are
6 made by the Manager of the Water and Wastewater Section.

7 1. A new certificate shall be issued upon:

8 a. Determination of competency through testing as described above.

9 b. Proof of possession of a current, valid general or specialty contractor's license
10 issued by the state of Washington.

11 c. Payment of the annual certification fee as listed in the current fee schedule.

12 2. A renewal pumper certificate of competency will be issued to a holder of an expired
13 pumper certificate upon receipt of payment not later than March 1 of the next certificate
14 year. A late fee, as prescribed in the current fee schedule, shall be imposed on applications
15 for renewal received later than that date. After March 31, the certificate will be
16 nonrenewable and the pumper must apply for new certification as outlined in subsections
17 (C) and (D) of this section. Work performed by any pumper seeking renewal of the pumper
18 certificate will be considered unapproved and/or in violation of these regulations until the
19 renewal application is completed and the annual fee is paid.

20 E. *Suspension and Revocation.* The Health Officer may suspend or revoke any pumper
21 certificate of competency upon making the determination that the holder has performed with
22 negligence, incompetence, misrepresentation, or violation of the rules, regulations, guidelines,
23 policies, or practices adopted by ~~SCHD SHD~~ which pertain to water supply, wastewater disposal,
24 and/or septage hauling and disposal, either existing at the time of certification or as thereafter
25 enacted. A certificate may be suspended by the Health Officer for any of the following reasons:

26 1. For committing a violation that would allow the existence of a real or potentially
27 serious threat to the public health or to the quality of surface and groundwaters, or for
28 making any serious, material misrepresentation of major facts as part of the pumping,
29 inspecting or servicing of an OSS.

1 2. When the holder has been issued three notices of violation by the Environmental
2 Health Division staff within any 12-month period.

3 3. When the holder's surety bond or general or specialty contractor's license is no longer
4 valid or in effect.

5 F. *Suspension.*

6 1. When the Water and Wastewater Manager finds that the pumper has committed a
7 significant violation of the regulations, principles, or practices of septic tank pumping or
8 system servicing, a notice of violation shall be issued. The pumper shall be notified by
9 certified and regular mail of the issuance of the violation notice. Where such violation
10 notice constitutes the third notice of violation within any 12-month period, the pumper
11 shall also be notified of the immediate suspension of the pumper certificate.

12 2. Upon finding that the conditions of pumper certification are no longer in effect,
13 specifically the maintenance of the Washington State contractor license, or by the
14 abandonment of the occupation either by relocation out of state, or by inactivity for more
15 than one year, the certification shall be suspended. The pumper shall be notified by
16 certified and regular mail of the immediate suspension of the pumper certificate of
17 competency.

18 G. *Reinstatement of Suspension.*

19 1. The pumper shall make written application for reinstatement to the Water and
20 Wastewater Manager, specifying what practices, performance, and conditions that were
21 named as grounds for suspension have been remedied, and a description of changes in
22 performance that will occur which will directly avoid the repetition of past violations.

23 2. The Water and Wastewater Manager, upon determining that noted deficiencies have
24 been satisfactorily addressed, shall schedule the pumper for participation in the next
25 available test. Recertification is subject to the pumper's successful completion of the
26 application and testing procedure and payment of testing and licensing fees as per
27 subsections [\(C\)](#) and [\(D\)](#) of this section.

1 3. Upon proof of reinstatement of the contractor's license, where that is the only fault,
2 the certificate of competency can be immediately reinstated by the Manager of the Water
3 and Wastewater Section.

4 H. *Appeal.*

5 1. Any pumper who feels that the suspension of the certificate of competency by the
6 Water and Wastewater Manager is an incorrect action may submit an appeal. Such request
7 must be filed in writing with the Director of Environmental Health within 21 days, with the
8 date of suspension counting as the first day.

9 2. In the request for an administrative review, the pumper must specifically state which
10 violations cited by the Water and Wastewater Manager were incorrectly cited, or which
11 portions of these certification procedures were incorrectly applied. In these instances,
12 suspension of the certificate will be stayed pending outcome of the final hearing unless, in
13 the opinion of the Health Officer, there exists an imminent health hazard that would result
14 from the continued activity of the pumper.

15 3. An administrative review shall be conducted in accordance with the step one appeals
16 procedure of ~~SCHD SHD~~ rules and regulations governing on-site sewage disposal, Chapter
17 [1.20 SCBHCSHDC](#).

18 I. *Revocation.* The certificate may be revoked for any of the following reasons:

19 1. A violation of a severity and magnitude that, in the opinion of the Health Officer,
20 warrants immediate revocation. Including but not limited to the following actions:

- 21 a. The creation of an extremely serious health hazard.
- 22 b. The concealment of major facts or pertinent information regarding a pumper's
23 activity.
- 24 c. Allowing another to submit work using the name on the pumper certificate.
- 25 d. By using the name of another certificate holder.
- 26 e. Fraudulent representation.
- 27 f. Asserting undue influence on or interference with ~~SCHD SHD~~ staff.

1 2. When notification of the pumper through the violation notice process has resulted in
2 the issuance of a notice of violation beyond the second suspension of certification, the
3 certificate shall be subject to complete revocation by the Health Officer.

4 3. Once revoked, a certificate of competency will not be granted to an individual at any
5 time within the subsequent three-year period from the date of notification.

6 4. The Health Officer will not revoke a certificate until an opportunity has been provided
7 for a hearing before the Health Officer or the Health Officer's designee. Certificates shall be
8 revoked through issuance of a Health Officer's order, to be mailed to the certificate holder
9 by regular and certified mail.

10 J. *Pumping, Inspecting or Servicing without Certification.* An individual found to be engaging in
11 the business of pumping, inspecting or servicing OSS without requisite certification shall be
12 notified by the Water and Wastewater Manager, by certified mail, of these requirements. If
13 eligible, the individual is to submit for examination at the next regularly scheduled time, and
14 pay double the test and certification fee. Refusal to comply with these requirements will then
15 make the individual ineligible for certification for three years. ~~[Res. 12-15, Res. 08-10, Revised~~
16 ~~and reapproved by DOH 12/15/94, Res. 93-32, Eff. 11/09/93, Res. 92-28. Prior code 5.8.4(VI)].~~

17 Chapter 5.55

18 ON-SITE SEWAGE SYSTEM PUMPER CERTIFICATION AND REPORTING REQUIREMENTS

19 Sections:

- 20 5.55.010 Purpose.
- 21 5.55.020 Background.
- 22 5.55.030 Pumper certification.
- 23 5.55.040 Pumper company certification.
- 24 5.55.050 Monitoring and maintenance inspection.
- 25 5.55.060 Reporting of monitoring and maintenance activities.
- 26 5.55.070 Limited repair measures.
- 27 5.55.080 Reporting of limited repairs.
- 28 5.55.090 Pumper's manual.

1 5.55.010 Purpose.

2 The Snohomish ~~Health District~~ County Board of Health has adopted ~~Sanitary Code~~
3 requirements regarding on-site sewage system (OSS) septic tank pumping, inspection and
4 limited repair requirements. These procedures contain the specific requirements regarding
5 certification of individuals and reporting of activities associated with OSS septic tank pumping,
6 inspection and limited repair. ~~[Res. 12-15. Prior code § 8.4 (Supplement)(II)].~~

7 5.55.020 Background.

8 The following procedures are established pursuant to Chapter 5.50 SHDC_SCBHC, prescribing
9 minimum requirements for certification as an OSS septic tank pumper and prescribing
10 minimum limited repair and reporting requirements related to OSS septic tank pumping and
11 inspection activities. Nothing contained in this policy shall be construed to prevent the Health
12 Officer from requiring compliance with higher requirements than those contained herein where
13 such higher requirements are essential to maintain a safe and sanitary condition. ~~[Res. 12-15-~~
14 ~~Prior code § 8.4 (Supplement)(II)].~~

15 5.55.030 Pumper certification.

16 Each individual applying for certification and/or recertification must satisfy the following:

17 A. *Application and Testing.* Certification of pumper's competency shall be determined in the
18 following manner:

19 1. The applicant must file notice of interest with the ~~Manager of the Water and~~
20 ~~Wastewater Section~~ Health Officer.

21 2. Testing will be conducted by the ~~Water and Wastewater Section Manager~~ Health Officer
22 at a mutually agreed upon date and time. At the time of testing, an applicant for pumper
23 certification of competency must submit an application and payment of the examination
24 fee as listed in the current fee schedule.

25 3. Testing will consist of two phases:

1 a. A written exam to determine the applicant’s knowledge of public health problems
2 involved in on-site treatment and disposal of sewage; of water and wastewater rules,
3 regulations and policies; of these rules and regulations; and, of standards and
4 procedures for septic tank maintenance and limited repair measures as contained in
5 the septic tank pumper’s manual. If the applicant scores below 70 percent on the
6 written exam, the applicant fails that exam and must wait until the next scheduled
7 examination to retake the exam, and may not continue with any other part of this
8 examination.

9 b. A satisfactory oral review with the ~~Water and Wastewater Section Manager, Health~~
10 ~~Officer~~ of the test results completes the exam. ~~[Res. 12-15. Prior code § 8.4~~
11 ~~(Supplement)(III)].~~

12 5.55.040 Pumper company certification.

13 Each company applying for certification and/or recertification must satisfy the following:

14 A. *Fees.* Fees as adopted by the ~~SHD, Snohomish County~~ Board of Health must be submitted
15 prior to issuance of a pumper company certificate of competency. Application for
16 reinstatement following suspension or revocation requires submittal of appropriate annual fee.

17 B. *Provider List.* Annual submittal of a list of certified pumpers who will be performing the
18 work on the company’s behalf. A minimum of one certified individual shall be required for each
19 company.

20 C. *Contractor’s License.* Each pumping company must hold a Washington State general
21 contractor’s license or applicable specialty contractor’s license. A copy of the applicable valid
22 contractor’s license must be submitted to ~~SHD, SCHED~~ prior to initial certification and annually
23 thereafter at time of certification renewal. Listing on any pumper provider list maintained and
24 distributed by ~~SHD, SCHED~~ will be alphabetically by company name.

25 D. *Equipment Inspection.* Satisfactory review of the applicant’s pumping equipment consistent
26 with the equipment requirements established in the septic tank pumper’s manual.

1 E. Be current and in good standing on all reports and submission fees. ~~{Res. 12-15. Prior code-~~
2 ~~§ 8.4 (Supplement)(IV)}.~~

3 5.55.050 Monitoring and maintenance inspection.

4 A complete and thorough evaluation of OSS components and the ground surface over the
5 gravity subsurface soil absorption system (SSAS). The evaluation of proprietary and
6 nonproprietary pretreatment devices, SSAS other than gravity and other related components
7 such as timers, control panels and disinfection equipment must be deferred to a certified
8 monitoring and maintenance specialist. The contents of the inspection will include, but will not
9 necessarily be limited to:

10 A. Condition of the septic tank, pump tank and grease trap as well as determining the need for
11 pumping.

12 B. Condition of baffles, lids, risers and filters.

13 C. Condition and operation of the pump, floats, alarm, valves, etc.

14 D. Visual observation of the gravity SSAS and monitoring ports if so equipped. ~~{Res. 12-15-~~
15 ~~Prior code § 8.4 (Supplement)(V)}.~~

16 5.55.060 Reporting of monitoring and maintenance activities.

17 A. Individuals performing monitoring and/or maintenance activities as described in Chapter
18 [246-272A](#) WAC, Chapter [5.50 SHDC-SCBHC](#) and/or in the various recommended standards and
19 guidance documents pertaining to OSS published by the Washington State Department of
20 Health shall report the activities to ~~SHD- SCHED~~ within 30 days of completion in the manner
21 herein described.

22 B. ~~SHD SCHED~~ will maintain an electronic database for the purpose of submitting reports
23 related to monitoring and maintenance of OSS as well as limited repair measures.

24 C. *Pumper's Report.* ~~SHD SCHED~~ will develop and distribute an electronic minimum standard
25 report form to be completed by the certified pumper upon servicing or inspection of an OSS.

1 This report will be given to the property owner upon completion of work and an electronic copy
2 forwarded to ~~SHD-SCHD~~ no later than 30 days from the date of service. A limited exception to
3 this requirement is provided for discovery of OSS failure which must be reported to the Health
4 Officer immediately. The contents of this report will include, but not necessarily be limited to:

- 5 1. Location of property.
- 6 2. Property tax number of property.
- 7 3. Owner of property.
- 8 4. Summary of work performed, including:
 - 9 a. Type of service performed (pumping vs. inspection, etc.).
 - 10 b. Gallons pumped.
 - 11 c. Condition of baffles, etc.
 - 12 d. Recording of ponding levels in monitoring ports.
- 13 5. Septage disposal location.
- 14 6. Name and certificate number of person performing the work.
- 15 7. Signature and date.

16 D. Reports must be accompanied by the appropriate fee as determined by the current fee
17 schedule. ~~[Res. 12-15. Prior code 5-8.4 (Supplement)(VI)].~~

18 5.55.070 Limited repair measures.

19 A pumper may perform limited repair measures. These are repairs to OSS components not
20 directly associated with the treatment, distribution (with the exception of subsection (D) of this
21 section) or absorption of the sewage and also as defined in WAC [246-272A-0200\(2\)](#). In addition
22 to those items defined as limited repair measures, for permitted OSS in which a record drawing
23 exists, a certified pumper may also perform the following:

24 A. Repair of sewage transport lines.

- 1 B. Repair or replacement of pump, floats and/or baffle screen.
- 2 C. Clearing of blocked sewage transport lines.
- 3 D. Provided there exists an approved as-built for the system, repair or replace the distribution
- 4 box (D-Box) on gravity systems. ~~[Res. 12-15. Prior code § 8.4 (Supplement)(VII)].~~

5 5.55.080 Reporting of limited repairs.

6 The certified pumper or monitoring and maintenance specialist who performs a limited repair
7 measure will be required to electronically submit a limited repair report outlining the work
8 performed, including:

- 9 A. Location of property.
- 10 B. Property tax number of property.
- 11 C. Owner of property.
- 12 D. Summary of work performed, including:
 - 13 1. Pump make and model.
 - 14 2. Dose setting, etc.
- 15 E. Name and certificate number of person performing the work.
- 16 F. Signature and date. ~~[Res. 12-15. Prior code § 8.4 (Supplement)(VIII)].~~

17 5.55.090 Pumper's manual.

18 ~~SCHD -SHD~~ will develop and distribute a manual of minimum standards, procedures, and
19 information for pumpers. The contents of this manual will include, but not necessarily limited
20 to:

- 21 A. Safety;

- 1 B. Equipment;
- 2 C. Inspection and service procedures;
- 3 D. Basics of troubleshooting;
- 4 E. Possible causes of problems;
- 5 F. Types, functions, and replacements of baffles;
- 6 G. Types, functions, and replacements of pumps and switches;
- 7 H. Basics of systems types and functions;
- 8 I. Principles of user habits related to system function (i.e., water conservation, area
- 9 landscaping, use of garbage grinders, use of additives, etc.);
- 10 J. Principles and requirements for approved disposal sites (dumping sites); and
- 11 K. Other applicable rules and regulations (i.e., septage hauling requirements, Washington
- 12 State patrol requirements, etc.). ~~[Res. 12-15. Prior code 5-8.4 (Supplement)(IX)].~~

13 Chapter 5.60

14 ON-SITE SEWAGE DISPOSAL SYSTEM APPLICATION PERMIT AND INSTALLATION PROCEDURES

15 Sections:

- 16 5.60.010 Purpose.
- 17 5.60.020 Permit.
- 18 5.60.030 Installation.

19 5.60.010 Purpose.

20 The process herein described relates to the permit process for application proposals for
21 construction of new on-site sewage disposal systems. This process does not apply to an
22 application to repair, replace or alter an existing on-site sewage disposal system.

- 1 A. Application and review fees are received from a certified designer or engineer. A review is
2 conducted in accordance with sewage disposal/water supply requirements and department
3 procedures.
- 4 B. Issuance of the decision to approve or disapprove an application results in either an
5 approved application or a denial. An approved application received after October 31, 2008, is
6 valid for two years and can be renewed for an additional two-year period, with written
7 concurrence from the system designer, review and approval from the Snohomish County Health
8 Department~~District~~ (SCHD) and payment of a renewal fee. [~~Res. 08-21. Res. 08-10. Revised and~~
9 ~~reapproved by DOH 12/15/94. Res. 93-32, Eff. 11/09/93. Prior code § 8.5(I)].~~

10 5.60.020 Permit.

- 11 A. Upon receipt of a request for building permit clearance for the subject use from the city or
12 county building department, a permit to install the approved on-site sewage disposal system
13 will be approved for issuance providing the building department site plan and the SCHD SHD
14 site plan are compatible.
- 15 B. The on-site sewage disposal system is valid only when issued concurrently with the
16 building/development permit. The permit will then remain valid for the term of the
17 building/development permit. Expiration or termination of the building/development permit
18 will cause the on-site sewage system permit to expire. Renewal of an expired on-site sewage
19 disposal system will require submittal of a new application and payment of fees.
- 20 C. In no case will an on-site sewage disposal system permit be issued prior to issuance of the
21 building permit for the proposed structure. [~~Res. 08-21. Res. 08-10. Revised and reapproved by~~
22 ~~DOH 12/15/94. Res. 93-32, Eff. 11/09/93. Prior code § 8.5(II)].~~

23 5.60.030 Installation.

- 24 A. SCHD SHD shall require certified installers to construct the on-site sewage disposal system,
25 except as noted under SCBHC SHDC 5.45.050. In all cases, construction of the on-site sewage
26 disposal system shall include system back fill and final grading.

1 B. The Health Officer may allow the owner of a single-family residence to install the on-site
2 sewage system for his/her single-family residence when:

- 3 1. The on-site sewage system is a conventional gravity or LPD system;
- 4 2. A certified installer performs all installation work not done by the resident owner.

5 C. The installer shall:

- 6 1. Follow the approved design. Design revisions must have the concurrence of the
7 designer and ~~SCHD SHD~~ before commencing work.
- 8 2. Have the approved design and permit in possession during installation.
- 9 3. Be on the site at all times during the construction of the on-site system.
- 10 4. Install the on-site system to be watertight, except for the disposal component.
- 11 5. Cover the installation only after the local Health Officer has given approval to cover.
- 12 6. Back fill and grade the site to prevent surface water from accumulating over any
13 component of the on-site system. ~~{Res. 08-21, Res. 08-10, Revised and reapproved by DOH-~~
14 ~~12/15/94, Res. 93-32, Eff. 11/09/93, Prior code § 8.5(III)}.~~

15 Chapter 5.65

16 SYSTEM PERMIT APPLICATION DESIGN AND RECORD DRAWINGS (AS-BUILT) STANDARDS

17 Sections:

- | | | |
|----|----------|---------------------------------------|
| 18 | 5.65.010 | Purpose. |
| 19 | 5.65.020 | Site identification and preparation. |
| 20 | 5.65.030 | Application and design procedures. |
| 21 | 5.65.040 | Record drawings (as-built) procedure. |
| 22 | 5.65.050 | Deficiencies. |

1 5.65.010 Purpose.

2 A completed application shall consist of adequate written and physical site information to
3 support the issuance of a permit for on-site sewage disposal. Such information must be
4 presented in the prescribed written format and the proposed site prepared in sufficient detail
5 to allow visual examination of its characteristics. A uniform presentation format is intended to
6 provide consistent evidence of compliance with Chapter [246-272A WAC](#), On-Site Sewage
7 Disposal Systems. ~~[Res. 08-10. Revised and reapproved by DOH 12/15/94. Res. 93-32, Eff.~~
8 ~~11/09/93. Prior code § 8.6(1)].~~

9 5.65.020 Site identification and preparation.

- 10 A. Property line shall be identified by corner flagging.
- 11 B. Access to on-site sewage disposal system site shall be flagged and identified with applicant's
12 name, or property tax account number.
- 13 C. The path to the on-site sewage disposal system site shall be flagged and cleared.
- 14 D. Drainfield and reserve area must be sufficiently cleared so as to make ground surface
15 contours easily observable. Further staking of proposed laterals may be necessary to
16 demonstrate the feasibility of installation.
- 17 E. All soil test holes shall be flagged and numbered to correspond with the lot number and soil
18 log number as shown on the design. If soil test holes are part of a proposed short plat, test hole
19 identification shall include the proposed lot number.
- 20 1. Soil log test holes shall be placed so as to demonstrate representative soil types in the
21 on-site sewage disposal system area and reserve area.
- 22 2. Provide for each single-family dwelling a minimum of three soil logs in representative
23 parts of the on-site sewage disposal system area and two soil logs in the reserve area.
24 Drainfield areas other than for a single-family residence must have at least two soil logs for
25 every 500 square feet of disposal area and in no case shall there be less than four soil test
26 holes.

- 1 3. Separate these holes by at least 50 feet.
- 2 4. Soil test holes shall be constructed, identified and maintained to prevent injury or
3 damage to the general public.
- 4 5. Soil log holes must be dug to the appropriate depth to justify meeting current minimum
5 vertical separation requirements.
- 6 6. The holes shall be of sufficient diameter for the reviewer to obtain representative
7 samples from the soil profile and determine soil color, texture, structure of each horizon
8 and the water table.
- 9 7. Soil test holes must be kept open for inspection until review by a representative from
10 SHD.
- 11 8. After ~~SCHD SHD~~ application review has been completed, the property owner/designer
12 is responsible for backfilling and covering soil test holes on the property.
- 13 9. Additional tests, such as percolation tests, sieve analysis, hydrometer tests, and bulk
14 density determinations may be required if in the opinion of the Health Officer they are
15 necessary for proper soil evaluation of a specific site. Percolation tests shall be conducted
16 in accordance with the Falling Head Percolation Test Procedure as outlined in the EPA
17 Design Manual, 1980, Table 3-8.
- 18 10. All soil tests must be performed in a manner consistent with the requirements of the
19 Department of Health (DOH) Interim Soil Evaluation Guidelines (Nov. 1979).
- 20 F. If a mound system or any other type of bed is being proposed, the four corners of the
21 mound basal area or bed corners shall be staked or flagged and labeled as "mound corner" or
22 "bed corner." Additionally, the mound or bed reserve area shall be flagged or staked and
23 identified. ~~[Res. 08-10. Revised and reapproved by DOH 12/15/94. Res. 93-32, Eff. 11/09/93.~~
24 ~~Prior code § 8.6(II)].~~

- 1 5.65.030 Application and design procedures.
- 2 A. Complete the application for an on-site sewage disposal system permit form including, but
3 not limited to:
- 4 1. Directions to the subject property (include vicinity map if needed);
- 5 2. Address or approximate address of property;
- 6 3. Name of current owner and name of system designer;
- 7 4. Type of building proposed. If other than single-family residence, include estimated daily
8 wastewater flow;
- 9 5. Classifications used for logs of subsurface soil conditions shall be in USDA Soil
10 Conservation Service terminology such as sandy loam, clay loam, medium sand, hardpan,
11 rock, etc. Any evidence of a seasonal water table including color and mottling must be
12 noted and described. These soil log notes must be attached to the application for review
13 and verification.
- 14 6. *Source of Domestic Water.*
- 15 a. If public water (any source other than an individual supply serving one single-family
16 residence) is provided, identify by name and include a letter from the purveyor
17 confirming water availability and commitment to serve.
- 18 b. If an individual water supply (well) is proposed, the proposed well site must be
19 shown on the design in relation to the proposed drainfield areas. In addition, a well site
20 application (detailing the well site and its 100-foot pollution control zone) may be
21 submitted for concurrent review.
- 22 7. Trench depth, width and required square footage of drainfield laterals.
- 23 8. If an alternative system is proposed, include all information, construction details,
24 calculations, etc., as required in the DOH Guideline as well as any specific ~~SCHD SHD~~
25 requirement.
- 26 9. Signature of designer and date of field testing.

- 1 10. Any redesign submittals reflecting changes to the application cover sheet must be
- 2 accompanied by a new, original carbon application form (not copies).
- 3 B. Complete and submit four copies of an on-site sewage disposal system design and plot plan
- 4 and include:
 - 5 1. The plot plan is to be dimensioned and drawn to a scale which shows one inch to be
 - 6 equal to no more than 30 feet. Indicate compass direction by using a north arrow. If the
 - 7 entire parcel/lot cannot be included on a one inch equals 30 feet scale, an overall plot plan
 - 8 of the lot including location of residence, drainfield and easement (if proposed) shall be
 - 9 required in a smaller scale in addition to the one inch equals 30 feet (i.e., one inch equals
 - 10 100 feet).
 - 11 2. If a short plat is proposed an overall plot plan indicating the layout of the lots (in
 - 12 relation to each other) shall be submitted in addition to the individual designs.
 - 13 3. Show elevations at soil test holes and topographical contours at two feet intervals in
 - 14 the drainfield and reserve area.
 - 15 4. Show wells, other sources of potable water and other surface water bodies within 100
 - 16 feet of property lines.
 - 17 5. Identify and show location of soil test holes.
 - 18 6. The proposed on-site sewage disposal system and proposed site of the structure shall
 - 19 be located by giving dimensions to at least two intersecting property lines. Show driveway
 - 20 parking and any other proposed paving locations.
 - 21 7. Any proposed well site shall be shown together with the minimum circular area of
 - 22 protection having a radius no less than 100 feet.
 - 23 8. Construction plan specifications to include:
 - 24 a. Plumbing stub-out elevation in relation to a documented reference point.
 - 25 b. A minimum and maximum trench depth.
 - 26 c. An expected amount of cover soil required.

- 1 d. The lateral lengths and method of distribution.
- 2 e. Location of interceptor, curtain or footing drains, dosing system specifications, etc.
- 3 9. Show all required separations as required by WAC [246-272A-0210](#), Location.
- 4 10. All drainfield laterals shall be shown as dashed lines, with tightlines shown as solid
- 5 lines.
- 6 11. Reserve area boundaries shall be labeled and shown by outlining, or by shading of the
- 7 area or showing the laterals using double dashed lines and identifying as reserve.
- 8 12. If an alternative system is proposed include all information, construction details,
- 9 calculations, etc., as required in the applicable DOH guideline together with any specific
- 10 ~~SCHD SHD~~ requirements.
- 11 13. Design on sloping sites greater than 10 percent shall include a trench/slope cross-
- 12 section detail demonstrating compliance with minimum vertical separation and trench
- 13 depth requirements. ~~[Res. 08-10. Revised and reapproved by DOH 12/15/94. Res. 93-32,~~
- 14 ~~Eff. 11/09/93. Prior code 5 8.6(III)].~~

15 5.65.040 Record drawings (as-built) procedure.

16 Whenever a designer has approved an installation, a completely scaled and dimensional as-

17 built plan of the approved sewage disposal system shall be prepared in triplicate by the

18 designer of the system. Record drawing forms, provided by ~~SCHD SHD~~, shall be completed and

19 signed by the designer and, within 30 days, forwarded to ~~SCHD SHD~~. In addition to the

20 requirements outlined in WAC [246-272A-0265](#), the following plan details are required:

- 21 A. Location of the essential components of the sewage disposal system including:
 - 22 1. Septic tank;
 - 23 2. All plumbing stub outlets;
 - 24 3. Tightline between buildings and septic tank;
 - 25 4. Tightline between septic tank and distribution box, inspection box or drainfield line;

- 1 5. Distribution box;
- 2 6. All drainfield lines. The length of each individual drainfield shall be shown together with
3 the total number of lineal feet of drainfield line;
- 4 7. The location of any construction feature, such as a stepdown, must be clearly indicated;
- 5 8. Distances between drainfield lines and the edges of any cuts, banks, property lines,
6 lakes, streams, wells, driveways, water lines, fills, interceptor ditches;
- 7 9. Location, size, shape and placement of all structures on the building site showing their
8 relative location to the sewage disposal system and to any easements, water service supply
9 lines, property lines, etc.;
- 10 10. Location, direction of flow, and discharge point of all ground or surface water
11 interceptor drains;
- 12 11. Orientation of drawing with north direction by arrow;
- 13 12. Pump model number and manufacturer if applicable;
- 14 13. Pump chamber size and dose volume if applicable;
- 15 B. Alternative system as-builts shall include applicable items described in subsection (A) of this
16 section together with an owner's operational manual as required in the appropriate DOH
17 guideline and as specified in the conditional approval letter.
- 18 C. Location, size and dimensions of the 100 percent reserve area shall be shown in relation to
19 the sewage disposal system components, listed in subsection (A) of this section.
- 20 D. If the reserve area is designated as a mound system, the configuration shall be shown and
21 clearly identified as mound system/reserve.
- 22 E. Clearly indicate scale. Recommended scale is one inch equals 20 feet. Scales utilizing ratios
23 in excess of one inch equals 30 feet are not acceptable.
- 24 F. If the entire parcel/lot cannot be included on a one inch equals 30 feet scale, an overall plot
25 plan of the lot including house and drainfield location as well as the easement (if necessary)

1 shall be required in addition to the detail one inch equals 30 feet design. ~~[Res. 08-10. Revised~~
2 ~~and reapproved by DOH 12/15/94. Res. 93-32, Eff. 11/09/93. Prior code 5-8.6(IV)].~~

3 5.65.050 Deficiencies.

4 Failure to meet all of the above requirements may result in further submittal/inspection and/or
5 payment of additional fees. ~~[Res. 08-10. Revised and reapproved by DOH 12/15/94. Res. 93-32,~~
6 ~~Eff. 11/09/93. Prior code 5-8.6(V)].~~

7 Chapter 5.70

8 ON-SITE SEWAGE SYSTEM MONITORING AND MAINTENANCE SPECIALIST CERTIFICATION

9 PROGRAM

Commented [ER81]: Cleaned up redundant sections within this chapter. Renamed some sections to be better reflect its contents.

10 Sections:

- 11 5.70.010 Purpose and authority.
- 12 5.70.020 Applicability.
- 13 5.70.030 Definitions.
- 14 5.70.040 Procedures.
- 15 5.70.050 Certificate required.
- 16 5.70.060 Reporting requirements.
- 17 5.70.070 Duties and obligations.
- 18 5.70.080 Continuing education.
- 19 5.70.090 Certification.
- 20 5.70.100 Implementation period.
- 21 ~~5.70.110 Reporting requirements—Purpose.~~
- 22 ~~5.70.120 Reporting requirements—Background.~~
- 23 ~~5.70.130 Reporting requirements—Definitions.~~
- 24 ~~5.70.140 Reporting requirements—Monitoring and maintenance specialist certification.~~
- 25 5.70.150 Reporting requirements—Monitoring and maintenance company certification.
- 26 5.70.160 Reporting requirements—Reporting of monitoring and maintenance activities.
- 27 5.70.170 Reporting requirements—Limited repair measures.
- 28 5.70.180 Reporting requirements—Reporting of limited repairs.

1 5.70.010 Purpose and authority.

2 A. Purpose. Pursuant to WAC [246-272A-0340](#) the following administrative procedure is
3 adopted. The purpose of the monitoring and maintenance specialist program, and the
4 underlying rules, regulations and policies thereto, is to establish minimum competency
5 standards, including certification requirements, for individuals and companies engaged in the
6 practice of monitoring and maintaining on-site sewage disposal systems (OSS) within the
7 jurisdiction of the Snohomish County Health Department District (SCHD) as well as establishing
8 minimum requirements for the reporting of ~~related~~ activities and observations associated with
9 OSS monitoring and maintenance. -

10 B. Authority. The Health Officer and local Board of Health shall administer these regulations
11 under authority and requirements of Chapters [43.20](#), [70.05](#), and [70.46](#) RCW, as well as Chapter
12 [246-272A](#) WAC which specifically proclaims in WAC [246-272A-0340](#) an allowance for the
13 establishment of the monitoring and maintenance program. ~~{Res. 12-15. Prior code § 8.7(1)}.~~

14 5.70.020 Applicability.

15 The following rules contained herein shall apply to all persons and companies engaged in the
16 commercial activity of monitoring and/or maintaining all or any part of an OSS. ~~{Res. 12-15-
17 Prior code § 8.7(1)}.~~

18 5.70.030 Definitions.

19 In addition to the definitions found in WAC [246-272A-0010](#) and in any supplemental on-site
20 sewage disposal regulations of ~~SCHD SHD~~ and in any of the recommended standards and
21 guidance documents published by the Washington State Department of Health pertaining to
22 OSS, the following shall apply:

23 “Certification by reciprocity” means current certification or licensure as a monitoring and
24 maintenance specialist in a local health jurisdiction with an examination process deemed
25 acceptable by the ~~SCHD SHD~~ Director of Environmental Health.

Commented [ER82]: Renamed title to better reflect the content.

Commented [ER83R82]: Merged 5.70.110 with this section. 5.70.110 is now deleted.

1 “Certified company” means a business entity which employs individuals possessing a
2 monitoring and maintenance specialist certification.

3 “Installer” means an individual who personally holds an ~~SCHD SHD~~ installer certificate of
4 competency.

5 “Limited repair measure” means repairs to OSS components not directly associated with the
6 treatment, distribution or absorption of the sewage and as defined in WAC [246-272A-0200\(2\)](#).

7 “Limited repair measures” may also include other incidental activities enumerated within the
8 supplemental procedures or for which prior approval has been granted by SHD.

9 “Limited repair report (for limited repair measures)” means a documentation of work
10 performed, submitted in the format and by the means designated by the Health Officer within
11 30 days from the date of service in accordance with the supplemental procedures (reference
12 ~~SCBHC SHDC 5.70.180~~), and accepted by ~~SCHD SHD~~.

13 “Monitoring and maintenance specialist” means an individual who personally holds a
14 monitoring and maintenance certificate of competency and performs the actual work of
15 monitoring, maintaining, and limited repairs of on-site sewage treatment and disposal systems.

16 “Monitoring and maintenance specialist certificate of competency” means a document issued
17 by ~~SCHD SHD~~ indicating an individual’s satisfactory completion of the application and testing
18 procedures relative to OSS operation, monitoring and maintenance.

19 Professional Development Hour (PDH). One PDH is equivalent to one hour participation in
20 trainings or seminars where the major topic is related to OSS regulations, practices or products.

21 “Pumper” means an individual who personally holds an ~~SCHD SHD~~ pumper certificate of
22 competency.

23 “Violation” means the omission of any significant element of an on-site sewage disposal system
24 monitoring inspection or maintenance activity which, if left uncorrected, may result in the
25 malfunction of the wastewater treatment or disposal system, or would allow the use of the
26 system to circumvent required treatment and disposal of wastewater. Also, the failure to
27 truthfully report all pertinent observations and activities associated with the monitoring and
28 maintenance of an OSS, including the failure to electronically submit reports to ~~SCHD SHD~~

1 within 30 days of the conclusion of a monitoring and/or maintenance activity including limited
2 repair measures.

3 “Violation notice” means a written determination that the named monitoring and maintenance
4 specialist and/or certified company has committed a violation of these rules or regulations and
5 associated supplemental procedures. ~~[Res. 12-15. Prior code § 8.7(III)].~~

6 ~~“WOSSA” means the Washington On-Site Sewage Association.~~

Commented [ER84]: Relocated from 5.70.130. **Note:** 5.70.130 is now deleted due to redundancy.

7 ~~5.70.040 — Procedures.~~

8 ~~The SHD policy titled Supplemental Procedures Regarding: On-Site Sewage System Monitoring~~
9 ~~and Maintenance Specialist Certification and Reporting Requirements prescribes the activities~~
10 ~~associated with monitoring and maintenance and minimum standards and procedures for~~
11 ~~reporting OSS monitoring and maintenance activities. Revisions or modifications to the policy~~
12 ~~shall be approved by the Director of Environmental Health. [Res. 12-15. Prior code § 8.7(IV)].~~

Commented [ER85]:
This is an erroneous reference. The supplemental procedures were codified into 5.70.110-1.80. Deleting this section as it no longer adds any value.

13 5.70.050 Certificate required.

14 A. No person shall engage directly or indirectly in the activity of monitoring and/or
15 maintaining all or any part of an OSS without first having obtained a monitoring and
16 maintenance specialist certificate of competency from ~~SCHD~~SHD. A limited exception to this
17 requirement is granted to ~~SCHD~~SHD-certified pumpers, installers, and State Department of
18 Licensing licensed designers for the purpose of performing monitoring and maintenance on
19 conventional gravity OSS where no pretreatment or disinfection is employed.

20 B. A monitoring and maintenance specialist certificate of competency shall be
21 nontransferable.

22 C. A monitoring and maintenance specialist may perform limited repair measures.

23 D. Each certified individual shall conduct his or her work in the employ of a certified company
24 appropriate to the work performed and provide to ~~SCHD~~SHD the name of the certified

1 company with which they are employed and shall notify ~~SCHD SHD~~ within 30 days of any
2 employment changes.

3 E. When complying with the requirements of this chapter, the certified individual represents
4 the certified company with which he or she is employed. The certified company, as well as the
5 certified individual, may be subject to disciplinary action for violating the requirements of this
6 chapter. ~~[Res. 12-15. Prior code § 8.7(V)].~~

7 5.70.060 Reporting requirements.

8 A. *Operating OSS.* The owner of each operating OSS is responsible for ensuring that the system
9 is monitored and maintained, with reports submitted to ~~SCHD SHD~~, in accordance with the
10 requirements of Chapter [246-272A](#) WAC, the applicable Washington State Department of
11 Health Recommended Standards and Guidance for Performance, Application, Design, and
12 Operation and Maintenance document, and the ~~SCHD rules and regulations contained within~~
13 ~~this Chapter. SHD Supplemental Procedures Regarding: On-Site Sewage System Monitoring and~~
14 ~~Maintenance Specialist Certification and Reporting Requirements.~~

15 B. Certified individuals shall report the failure of an OSS to the Health Officer immediately.
16 ~~[Res. 12-15. Prior code § 8.7(VI)].~~

17 5.70.070 Duties and obligations.

18 By virtue of performing OSS maintenance, a monitoring and maintenance specialist incurs the
19 obligation to comply with the minimum requirements for OSS which includes proper OSS
20 monitoring and maintenance in conformance with ~~SCHD SHD~~ standards. These standards
21 include any applicable ~~SCHD SHD~~ policies, Chapter [246-272A](#) WAC and Washington State
22 Department of Health recommended standards and guidance. Further, it is the monitoring and
23 maintenance specialist's responsibility to be knowledgeable regarding any proprietary or public
24 domain technologies they monitor or maintain. All maintenance work and associated records
25 are subject to ~~SCHD SHD~~ inspection and review to determine compliance with these
26 requirements. ~~[Res. 12-15. Prior code § 8.7(VII)].~~

1 5.70.080 Continuing education.

2 Beginning January 1, 2014, each individual holding a monitoring and maintenance specialist
3 certificate of competency shall obtain 10 PDHs per year, beginning with the first year in which
4 they are certified for greater than 10 months. PDHs earned in excess of the 10 per year
5 requirement may be carried over to the next calendar year. PDHs carried over expire December
6 31 of the year they are carried over to. It is the monitoring and maintenance specialist's
7 responsibility to maintain adequate records concerning PDHs. ~~SCHD SHD~~ reserves the right of
8 auditing PDHs at time of certificate of competency renewal. ~~[Res. 12-15. Prior code 5-8.7(VIII)].~~

9 5.70.090 ~~Certification~~ Monitoring and maintenance specialist certification.

10 Each individual applying for certification and/or recertification must satisfy the following:

Commented [ER86]: This is not new code. Relocated from 5.70.140.

11 A. Qualification and Experience. Under these regulations an individual shall be subjected to
12 testing, as is further defined herein, as well as be obligated to satisfy contractor licensing
13 requirements as referenced. Each individual applying for certification as a monitoring and
14 maintenance specialist must demonstrate the equivalent of two years' work experience related
15 to OSS design and/or installation. Any determination of not meeting this requirement may be
16 appealed to the Director of Environmental Health whose decision shall be final.

Commented [ER87]: This is not new code. Relocated from 5.70.140.

17 B. Term. A monitoring and maintenance specialist certificate of competency shall run from the
18 date of issue concurrent with the calendar year, and will expire on December 31 of the year
19 unless otherwise suspended or revoked.

20 ~~C. -Examination~~ Application and Testing. ~~Certification of monitoring and maintenance specialist~~
21 ~~competency shall be determined in the following manner:~~ Each individual applying for
22 certification as a monitoring and maintenance specialist must receive, within the past 12
23 months, either:

24 1. A minimum of two years' relevant and verifiable experience related to OSS design,
25 installation, monitoring and/or maintenance and satisfactory written examination results
26 within the past 12 months, or

- 1 1. A score of 70 percent or greater for each exam portion on the WOSSA administered
- 2 O&M specialist examination. Scores may not be combined to achieve 70 percent; or
- 3 2. A passing score on an examination administered by a local health jurisdiction, as
- 4 determined by that jurisdiction, to be deemed relevant to the knowledge expectations of
- 5 SCHD.

6 ~~A minimum of two years' relevant and verifiable experience related to OSS design,~~
7 ~~installation, monitoring and/or maintenance and certification by reciprocity.~~

8 ~~2. Individuals not applying for certification by reciprocity must receive a passing~~
9 ~~examination score in accordance with the supplemental procedures.~~

Commented [ER88]: This is not new code. Merged examination requirements from 5.70.140 with this section.

10 D. *Issuance.* A certificate will be issued by the Health Officer to qualified individuals who have
11 passed the necessary written examination, experience verification, and otherwise complied
12 with the other licensing and bonding requirements contained herein so as to demonstrate that
13 said candidate appears to be qualified to monitor and maintain sewage disposal systems
14 consistent with ~~SCHD SHD~~ standards. This certification does not constitute a guaranty, a
15 warranty, or any representation by ~~SCHD SHD~~ relative to the specific work or performance of
16 the certificate holder.

17 1. A new certificate shall be issued upon:

- 18 a. Determination of competency through testing and experience verification as
19 described above, ~~and within the supplemental procedures.~~
- 20 b. Proof of possession of a current, valid general or specialty contractor license issued
21 by the state of Washington.
- 22 c. Application submittal and payment of the annual certification fee as listed in the
23 current fee schedule.

24 2. A renewal monitoring and maintenance specialist certificate of competency will be
25 issued to a holder of an expired monitoring and maintenance specialist certificate upon
26 receipt of payment not later than March 1 of the next certificate year. A late fee, as
27 prescribed in the current fee schedule, shall be imposed on applications for renewal
28 received later than that date. After March 31 the certificate will be nonrenewable and the
29 maintainer must apply for new certification. OSS monitoring and maintenance may not be

1 performed by any provider until the renewal application is completed and the annual fee is
2 paid.

3 E. *Suspension and Revocation.* The Health Officer may suspend or revoke any monitoring and
4 maintenance specialist certification of competency upon making the determination that the
5 holder has performed with negligence, incompetence, misrepresentation, or violation of the
6 rules, regulations, guidelines, policies, or practices adopted by SCHD SHD which pertain to
7 water supply and wastewater disposal, either existing at the time of certification or as
8 thereafter enacted. A certificate may be suspended by the Health Officer for any of the
9 following reasons:

10 1. For committing a violation that would allow the existence of a real or potentially
11 serious threat to the public health or to the quality of surface and groundwaters, or for
12 making any serious, material misrepresentation or omission of major facts as part of the
13 reporting of activities associated with the monitoring or maintenance of any OSS.

14 2. When the holder has been issued three notices of violation by the SCHD SHD within any
15 12-month period.

16 3. When the holder's surety bond or general or specialty contractor's license is no longer
17 valid or in effect.

18 F. *Suspension.*

19 1. *Violation.* When the SCHD SHD ~~water and wastewater manager~~ Health Officer finds that
20 the monitoring and maintenance specialist has committed a significant violation of the
21 regulations, principles, or practices of OSS monitoring and maintenance, a notice of
22 violation shall be issued. The monitoring and maintenance specialist shall be notified by
23 certified and regular mail of the issuance of the violation notice. Where such violation
24 notice constitutes the third notice of violation within any 12-month period, the monitoring
25 and maintenance specialist shall also be notified of the immediate suspension of the
26 monitoring and maintenance specialist certificate.

27 2. Upon finding that the conditions of monitoring and maintenance specialist certification
28 are no longer in effect, specifically the maintenance of the Washington State contractor's
29 license, or by the abandonment of the occupation either by relocation out of state, or by
30 inactivity for more than one year, the certification shall be suspended. The monitoring and

Commented [ER89]: Changing Title as there is no longer a "Water & Wastewater Manager"

1 maintenance specialist shall be notified by certified and regular mail of the immediate
2 suspension of the monitoring and maintenance specialist certificate of competency.

3 G. *Reinstatement of Suspension.*

4 1. The monitoring and maintenance specialist shall make written application for
5 reinstatement to the ~~Water and Wastewater Manager~~ Health Officer, specifying what
6 practices, performance, and conditions that were named as grounds for suspension have
7 been remedied, and a description of changes in performance that will occur which will
8 directly avoid the repetition of past violations.

Commented [ER90]: Changing Title as there is no longer a "Water & Wastewater Manager"

9 2. The ~~Water and Wastewater Manager~~ Health Officer, upon determining that noted
10 deficiencies have been satisfactorily addressed, shall schedule the monitoring and
11 maintenance specialist for participation in the next available test. Recertification is subject
12 to the monitoring and maintenance specialist's successful completion of the application
13 and testing procedure and payment of testing and licensing fees as per subsections (C) and
14 (D) of this section.

Commented [ER91]: Changing Title as there is no longer a "Water & Wastewater Manager"

15 3. Upon proof of reinstatement of the performance bond or contractor's license, where
16 that is the only fault, the certificate of competency can be immediately reinstated by the
17 ~~Manager~~ Health Officer.

18 H. *Appeal.*

19 1. Any monitoring and maintenance specialist who feels that the suspension of the
20 certificate of competency by the ~~Water and Wastewater Manager~~ Health Officer is an
21 incorrect action may submit an appeal. Such request must be filed in writing with the
22 Director of Environmental Health within 21 days, with the date of suspension counting as
23 the first day.

Commented [ER92]: There is no Water & Wastewater Manager. Replaced with HO.

24 2. In the request for an administrative review, the monitoring and maintenance specialist
25 must specifically state which violations cited by the ~~Water and Wastewater~~ Health Officer-
26 ~~Section Manager~~ were incorrectly cited, or which portions of these certification procedures
27 were incorrectly applied. In these instances, suspension of the certificate will be stayed
28 pending outcome of the final hearing unless, in the opinion of the Health Officer, there
29 exists an imminent health hazard that would result from the continued activity of the
30 maintainer.

Commented [ER93]: There is no Water & Wastewater Manager. Replaced with HO.

1 3. An administrative review shall be conducted in accordance with the step one appeals
2 procedure of ~~SCHD SHD~~ Rules and Regulations Governing On-site Sewage Disposal, Chapter
3 [1.20 SCBHCSHDC](#), Right of Appeal.

4 I. *Revocation.* The certificate may be revoked for any of the following reasons:

5 1. A violation of a severity and magnitude that, in the opinion of the Health Officer,
6 warrants immediate revocation. Including but not limited to the following actions:

7 a. The creation of an extremely serious health hazard.

8 b. The concealment of major facts or pertinent information regarding maintenance
9 activities.

10 c. Allowing another to submit reports using the name on the monitoring and
11 maintenance specialist certificate.

12 d. By using the name of another certificate holder; fraudulent representation.

13 e. Asserting undue influence on or interference with ~~SCHD SHD~~ staff.

14 2. When notification of the monitoring and maintenance specialist through the violation
15 notice process has resulted in the issuance of a notice of violation beyond the second
16 suspension of certification, the certificate shall be subject to revocation by the Health
17 Officer.

18 3. Once revoked, a certificate of competency will not be granted to an individual at any
19 time within the subsequent three-year period from the date of notification.

20 4. The Health Officer will not revoke a certificate until an opportunity has been provided
21 for a hearing before the Health Officer or the Health Officer's designee. Certificates shall be
22 revoked through issuance of a Health Officer's order, to be mailed to the certificate holder
23 by regular and certified mail.

24 J. *Monitoring or Maintaining without Certification.* An individual found to be engaging in the
25 business of OSS monitoring or maintenance without requisite certification shall be notified by
26 the ~~Water and Wastewater Manager~~ Health Officer, by certified mail, of these requirements. If
27 eligible, the individual is to submit for examination at the next regularly scheduled time. Refusal

Commented [ER94]: There is no Water & Wastewater Manager. Replaced with HO.

1 to comply with these requirements will then make the individual ineligible for certification for
2 three years. ~~{Res. 12-15. Prior code § 8.7(I)}.~~

3 K. Fees. Fees as adopted by the SCHD Board of Health must be submitted prior to issuance of a
4 monitoring and maintenance specialist certificate of competency. Application for reinstatement
5 following suspensions or revocation requires submittal of appropriate annual fee and
6 reexamination.

7 L. Professional Development Hours (PDHs). Signature confirmation concerning earned PDHs
8 must be provided on the appropriate form(s) at time of certification renewal. SCHD may audit
9 up to 20 percent of the applicants in any calendar year concerning their PDHs by being required
10 to document their participation in the listed events as a condition of renewal. Any individual
11 thus audited will not be audited in the next calendar year.

12 M. Be current and in good standing on all reports and submission fees.

Commented [ER95]: Not new code. Relocated from 5.70.140

13 5.70.100 Implementation period.

14 During the initial 12 months that this regulation is effective, any installer certified in accordance
15 with Chapter [5.40 SCBHCSHDC](#) or on-site wastewater treatment systems designers licensed per
16 Chapter [18.210](#) RCW may perform the duties of a certified monitoring and maintenance
17 specialist in accordance with this regulation and the supplemental procedures. ~~{Res. 12-15-~~
18 ~~Prior code § 8.7(X)}.~~

19 ~~5.70.110 Reporting requirements – Purpose.~~

20 ~~The Snohomish Health District (SHD) has adopted Sanitary ~~has adopted~~ Code requirements~~
21 ~~regarding on-site sewage disposal system (OSS) monitoring and maintenance requirements.~~
22 ~~These policies and procedures contain the specific requirements regarding certification of~~
23 ~~individuals and reporting of activities associated with OSS monitoring and maintenance. {Res.~~
24 ~~12-15. Prior code § 8.7 (Supplement)(I)}.~~

Commented [ER96]: Merged this section with 5.70.010. This section is now redundant and can be deleted.

~~5.70.120 Reporting requirements – Background.~~

~~The following procedures are established pursuant to this chapter, prescribing minimum requirements for certification as an OSS monitoring and maintenance specialist and prescribing minimum data reporting requirements related to OSS monitoring and maintenance activities. Nothing contained in this policy shall be construed to prevent the Health Officer from requiring compliance with higher requirements than those contained herein where such higher requirements are essential to maintain a safe and sanitary condition. [Res. 12-15. Prior code § 8.7 (Supplement)(II)].~~

Commented [ER97]:
This is already covered under 5.70.010, *Purpose and Authority*.

~~5.70.130 Reporting requirements – Definitions.~~

~~In addition to the definitions found in WAC 246-272A-0010, this chapter and in any of the recommended standards and guidance documents published by the Washington State Department of Health pertaining to OSS, the following shall apply:~~

~~“WOSSA” means the Washington On-Site Sewage Association. [Res. 12-15. Prior code § 8.7 (Supplement)(III)].~~

Commented [ER98]: Relocated definition to 5.70.030, *Definitions*

~~5.70.140 Reporting requirements – Monitoring and maintenance specialist certification.~~

~~Each individual applying for certification and/or recertification must satisfy the following:~~

~~A. *Experience.* Each individual applying for certification as a monitoring and maintenance specialist must demonstrate the equivalent of two years’ work experience related to OSS design and/or installation. Any determination of not meeting this requirement may be appealed to the Director of Environmental Health whose decision shall be final.~~

Commented [ER100]: Relocated to 5.70.090

~~B. *Examination.* Each individual applying for certification as a monitoring and maintenance specialist must receive either:~~

Commented [ER101]: Merged with 5.70.090(C)

- ~~1. A passing score on an examination administered by a local health jurisdiction, as determined by that jurisdiction, to be deemed relevant to the knowledge expectations of SHD; or~~

~~2. A score of 70 percent or greater for each exam portion on the WOSSA-administered O&M specialist examination. Scores may not be combined to achieve 70 percent.~~

~~C. Fees. Fees as adopted by the SHD Board of Health must be submitted prior to issuance of a monitoring and maintenance specialist certificate of competency. Application for reinstatement following suspensions or revocation requires submittal of appropriate annual fee and reexamination.~~

~~D. Professional Development Hours (PDHs). Signature confirmation concerning earned PDHs must be provided on the appropriate form(s) at time of certification renewal. SHD may audit up to 20 percent of the applicants in any calendar year concerning their PDHs by being required to document their participation in the listed events as a condition of renewal. Any individual thus audited will not be audited in the next calendar year.~~

~~E. Be current and in good standing on all reports and submission fees. [Res. 12-15. Prior code § 8.7 (Supplement)(IV)].~~

Commented [ER102]: These have been relocated to 5.70.090 (K-M).

5.70.150 ~~Reporting requirements~~—Monitoring and maintenance company certification.

Each company applying for certification and/or recertification must satisfy the following:

A. *Fees.* Fees as adopted by the ~~SCHD SHD~~ Board of Health must be submitted prior to issuance of a monitoring and maintenance company certificate of competency. Application for reinstatement following suspension or revocation requires submittal of appropriate annual fee.

B. *Provider List.* Annual submittal of a list of certified providers who will be performing the work on the company’s behalf. A minimum of one certified individual shall be required for each company.

C. *Contractor’s License.* Each monitoring and maintenance company must hold a Washington State general contractor’s license or applicable specialty contractor’s license. A copy of the applicable valid contractor’s license must be submitted to ~~SCHD SHD~~ prior to initial certification and annually thereafter at time of certification renewal. Listing on any monitoring and maintenance provider list maintained and distributed by ~~SHD SCHD~~ will be alphabetically by company name.

1 D. Be current and in good standing on all reports and submission fees. ~~[Res. 12-15. Prior code~~
2 ~~§ 8.7 (Supplement)(V)]~~.

3 5.70.160 ~~Reporting requirements~~—Reporting of monitoring and maintenance activities.

4 A. Individuals performing monitoring and/or maintenance activities as described in Chapter
5 [246-272A](#) WAC, Snohomish ~~Health District Sanitary~~[County Board of Health](#) Code and/or in the
6 various Recommended Standards and Guidance documents pertaining to OSS published by the
7 Washington State Department of Health shall report the activities to ~~SCHDSHD~~ within 30 days
8 of completion in the manner herein described.

9 B. ~~SCHDSHD~~ will maintain an electronic database for the purpose of submitting reports related
10 to monitoring and maintenance of OSS as well as limited repair measures.

11 C. Reports must be submitted electronically and in the format prescribed by ~~SCHDSHD~~. At a
12 minimum, reports must include the following:

13 1. Address of property.

14 2. Parcel number of property.

15 3. Owner of property.

16 4. Description of work performed, including:

17 a. A complete and thorough evaluation of each system component.

18 b. Any adjustments or calibrations performed on the system and related components.

19 c. Limited repair measures as described in ~~SCBHCSHD~~ [5.70.170](#).

20 d. Replacement or repair of proprietary system components.

21 5. Name and certificate number of person performing the work.

22 6. Signature and date.

23 D. Reports must be accompanied by the appropriate fee as determined by the current fee
24 schedule. ~~[Res. 12-15. Prior code § 8.7 (Supplement)(VI)]~~.

- 1 5.70.170 ~~Reporting requirements~~—Limited repair measures.
- 2 A monitoring and maintenance specialist may perform limited repair measures. These are
3 repairs to OSS components not directly associated with the treatment, distribution (with the
4 exception of subsection (E) of this section) or absorption (with the exception of subsection (D)
5 of this section) of the sewage and also as defined in WAC [246-272A-0200\(2\)](#). In addition to
6 those items defined as limited repair measures, for permitted OSS in which a record drawing
7 exists, a certified monitoring and maintenance specialist may also perform the following:
- 8 A. Repair or replacement of sewage effluent transport lines.
- 9 B. Replacement or repair of disinfection equipment such as ultraviolet light bulbs and related
10 components.
- 11 C. Recalibration and adjustment of timer mechanisms.
- 12 D. Provided there exists an approved as-built for the system, repair up to six lineal feet of
13 damaged OSS dispersal line in the original location where the damage occurred.
- 14 E. Provided there exists an approved as-built for the system, repair or replace the distribution
15 box (D-Box) on gravity systems. ~~[Res. 12-15. Prior code § 8.7 (Supplement)(VII)].~~
- 16 5.70.180 ~~Reporting requirements~~—Reporting of limited repairs.
- 17 Documentation of work performed by the monitoring and maintenance specialist, submitted to
18 ~~SCHD~~ in electronic format within 30 days from the date of service. The certified monitoring
19 and maintenance specialist who performs a limited repair measure will be required to submit a
20 limited repair report accurately describing the work performed, including:
- 21 A. Address of property.
- 22 B. Parcel number of property.
- 23 C. Owner of property.
- 24 D. Description of work performed, including:

- 1 1. Any adjustments or calibrations performed on the system and related components such
- 2 as changes to timer and dose settings.
- 3 2. A list of system components that are replaced or added including the name of the
- 4 manufacturer and model number.
- 5 3. A list of components that were repaired along with an accurate description of the work
- 6 performed.
- 7 E. Name and certificate number of person performing the work.
- 8 F. Signature and date. ~~[Res. 12-15, Prior code § 8.7 (Supplement)(VIII)].~~

9 ~~The Snohomish Health District Code is current through Resolution 22-34, passed December~~
10 ~~29, 2022.~~

11 ~~Disclaimer: The District has the official version of the Snohomish Health District Code. Users~~
12 ~~should contact the District for enactments passed subsequent to the enactment cited above.~~

13 ~~District Website: www.snohd.org~~

14 ~~District Telephone: (425) 339-5210~~

15 ~~Code Publishing Company~~

Commented [ER103]:

The Code Publishing Company handles all of this, so this would not be part of the Code when sent to the BOH for adoption.

1 -

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