King County

KING COUNTY

1200 King County Courthouse 516 Third Avenue Seattle, WA 98104

Signature Report

July 22, 2011

R&R BOH11-03

| | Proposed No. BOH11-03.1 Sponsors | | | | |
|----|--|--|--|--|--|
| 1 | A RULE AND REGULATION relating to approved water | | | | |
| 2 | sources for on-site sewage systems, amending R&R 99-01, | | | | |
| 3 | Section 2 (part), as amended, and BOH 2.18.020, R&R 3, | | | | |
| 4 | Part 13, Section 3, as amended, and BOH 13.04.070, and | | | | |
| 5 | adding a new section to BOH chapter 13.08; enacted | | | | |
| 6 | pursuant to RCW 70.05.060, including the latest | | | | |
| 7 | amendments or revisions thereto. | | | | |
| 8 | BE IT ADOPTED BY THE KING COUNTY BOARD OF HEALTH: | | | | |
| 9 | SECTION 1. R&R 99-01, Section 2 (part), as amended, and BOH 2.18.020 are | | | | |
| 10 | each hereby amended to read as follows: | | | | |
| 11 | Fee schedule. | | | | |
| 12 | ((Part 1 - Fees Pertaining to Title 13 | | | | |
| 13 | Effective Through December 31, 2009. | | | | |
| 14 | Persons shall pay permit fees, application review fees, reinspection fees, | | | | |
| 15 | monitoring report filing fees, variance request fees, special service fees and | | | | |
| 16 | miscellaneous fees under Title 13 as set forth in the following fee schedule: | | | | |
| | 1. On site sewage system construction permit fee | | | | |
| | a. single-family, new pressurized \$772.00 | | | | |
| | | | | | |

| b. | single-family, new gravity | \$665.00 | | |
|---------------|---|-----------------|--|--|
| e. | single-family, repair or modification \$596.00 | | | |
| d. | single-family, limited repair \$212.00 | | | |
| e. | non-single-family | \$1,035.00 | | |
| f. | delinquent submittal of record drawing | \$173.00 | | |
| 2. | On-site sewage system maintainer certificate of | | | |
| | competency fee | · | | |
| a. | Issued July 1 or before | \$277.00 | | |
| b. | Issued after July 1 | \$139.00 | | |
| e. | Maintainer competency examination | \$277.00 | | |
| 3. | Master installer certificate of competency fee | | | |
| a. | Issued July 1 or before | \$277.00 | | |
| b. | Issued after July 1 | \$139.00 | | |
| c. | Master installer competency examination | \$277.00 | | |
| 4. | Associate installer certificate of competency fee | | | |
| a. | Initial and renewal certificate | \$104.00 | | |
| b. | Associate installer competency examination | \$173.00 | | |
| 5. | On-site sewage system pumper certificate of | | | |
| | competency fee | | | |
| a. | Business owner | \$208.00 | | |
| b. | Pumper employee | \$104.00 | | |
| e. | Vehicle inspection tab | \$87.00/vehicle | | |

| d. | Pumper-competency examination | \$173.00 |
|---------------|--|-------------------------|
| 6. | Site design application review fee | |
| a. | Gravity system, new | \$442.00 |
| b. | Pressurized system, new | \$749.00 |
| e. | Revision review | \$173.00 base fee plus |
| | | \$173.00/hour after one |
| | | hour |
| 7. | Community and large on-site sewage systems | |
| | review fees | |
| a. | Preliminary engineering report, new and | \$659.00 |
| | replacement | |
| b. | Plans and specifications, new | \$763.00 |
| e. | Plans and specifications, repaired and | \$520.00 |
| | replacement | |
| d. | Management agreement review | \$243.00 |
| 8. | Subdivision review fees | |
| a. | Pre-application review | \$696.00 + \$115.00/lot |
| b. | Final application review | \$1,214.00 + |
| | | \$175.00/lot |
| 9. | Sewage review committee fees | |
| a. | Appeal review | \$1,279.00 |
| b. | Refunds, non refundable amount | \$75.00 |

| 10. | Miscellaneous fees | |
|---------------|--|-------------------------|
| a. | Building remodel review | \$451.00 |
| b. | Wastewater tank manufacturers standards review | \$173.00 base fee plus |
| | | \$173.00/hour after one |
| | | hour |
| e. | On-site sewage system maintainer's maintenance | |
| | and performance monitoring inspection report | |
| | filing: | |
| | (1) Periodic maintenance and performance | \$25.00 |
| | monitoring | |
| | (2) Monitoring and performance inspection | \$95.00 |
| | before transfer of title to property | |
| d. | Alternative, community, commercial system | \$173.00 |
| | monitoring by the health officer | |
| e. | Review of new proprietary device, method or | actual cost |
| | product | |
| f. | Disciplinary/performance review conference for | \$173.00 |
| | certificate of competency holder | |
| g. | Reinstatement of certificate after suspension | Applicable certificate |
| | | fee |
| h. | Reinspection fee | actual cost/\$173.00 |
| | | minimum |

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| Change of designer of record | \$173.00 |
|---|--|
| Replacement private well/spring location review | \$225.00 |
| Watertable monitoring plan review | \$734.00 |
| On-site sewage system operation and | \$40.00 |
| maintenance program fee due from buyer or | |
| transferee of a property served by on-site sewage | |
| system at time of sale or transfer of property | |
| ownership | |
| Report on the condition of an individual private, | \$366.00 |
| nonpublic well | |
| Report on the condition of an on-site sewage | \$522.00 |
| system and an individual private, nonpublic well | |
| on the same premises | |
| Annual product development permit | actual cost of review |
| | of permit application, |
| | permit issuance and |
| | monitoring of product |
| | performance data |
| | Replacement private well/spring location review Watertable monitoring plan review On site sewage system operation and maintenance program fee due from buyer or transferee of a property served by on site sewage system at time of sale or transfer of property ownership Report on the condition of an individual private, nonpublic well Report on the condition of an on-site sewage system and an individual private, nonpublic well on the same premises |

Part 2 - Fees Pertaining to Title 13

Effective January 1, 2010, Through December 31, 2010.

Persons shall pay permit fees, application review fees, reinspection fees, monitoring report filing fees, variance request fees, special service fees and miscellaneous fees under BOH Title 13 as set forth in the following fee schedule:

| 1. | On site sewage system construction permit fee | |
|---------------|---|------------|
| a. | single-family, new pressurized | \$819.00 |
| b. | single-family, new gravity \$692.00 | |
| e. | single-family, repair or modification | \$619.00 |
| d. | single-family, limited repair | \$218.00 |
| e. | non-single-family | \$1,092.00 |
| f. | delinquent submittal of record drawing | \$182.00 |
| 2. | On site sewage system maintainer certificate of | |
| | competency fee | |
| a. | Issued July 1 or before | \$291.00 |
| b. | Issued after July 1 | \$146.00 |
| e. | Maintainer competency examination | \$291.00 |
| 3. | Master installer certificate of competency fee | |
| a. | Issued July 1 or before | \$291.00 |
| b. | Issued after July 1 | \$146.00 |
| e. | Master installer competency examination | \$291.00 |
| 4. | Associate installer certificate of competency fee | |
| a. | Initial and renewal certificate \$109.00 | |
| b. | Associate installer competency examination | \$182.00 |
| 5. | On-site sewage system pumper certificate of | |
| | competency fee | |
| a. | Business owner | \$218.00 |

| b. | Pump | e r employee | \$109.00 |
|---------------|-------------------|---|------------------------------|
| e. | Vehic | le inspection tab | \$91.00 per vehicle |
| d. | Pump | er competency examination | \$182.00 |
| 6. | Site de | esign application review fee The site design | |
| | applie | ation review fee shall consist of a base fee, | |
| | plus a | potable water review fee as follows, but the | |
| | potabl | e water review fee shall be waived if a potable | |
| | water | review has been completed in the last two | |
| | years: | | |
| a. | Base fee | | |
| | (1) | Gravity system, new | \$455.00 |
| | (2) | Pressurized system, new | \$783.00 |
| b. | Potabl | le water review fee | \$783.00 |
| | (1) | Served by Group A water system with | \$0.00 |
| | | more than 1000 connections | |
| | (2) | Served by Group A water system with | \$91.00 |
| | | 1000 or fewer connections | |
| | (3) | Served by Group B water system | \$243.00 |
| | (4) | Served by individual well | \$121.00 |
| e. | Revision review | | \$182.00 base fee |
| | | | plus \$182.00 per |
| | | | hour after one hour |

| 7. | Community and large on-site sewage systems | |
|----------------|--|-----------------------|
| | review fees | |
| a. | Preliminary engineering report, new and | \$692.00 |
| | replacement | |
| b. | Plans and specifications, new | \$801.00 |
| e. | Plans and specifications, repaired and replacement | \$546.00 |
| d. | Management agreement review | \$255.00 |
| 8. | Subdivision review fees | |
| a. | Pre-application review | \$728.00 plus |
| | | \$115.00 per lot |
| b. | Final application review | \$1,274.00 plus |
| | | \$175.00 per lot |
| 9. | Sewage review committee fees | |
| a. | Appeal review | \$1,347.00 |
| b. | Refunds, non refundable amount | \$75.00 |
| 10. | Miscellaneous fees | |
| a. | Building remodel review | \$473.00 base fee |
| | | plus potable water |
| | | review fee as |
| | | delineated in Part 2, |
| | | subsection 6.b., but |
| | | the potable water |
| | | <u> </u> |

| | | review fee shall be |
|---------------|--|------------------------|
| | | waived if a potable |
| | | water review has |
| | | been completed in |
| | | the last two years |
| b. | Wastewater tank manufacturers standards review | \$182.00 base fee |
| | | plus \$182.00 per |
| | | hour after one hour |
| e. | On-site sewage system maintainer's maintenance | |
| | and performance monitoring inspection report | |
| | filing: | |
| | (1) Periodic maintenance and performance | \$25.00 |
| | monitoring | |
| | (2) Monitoring and performance inspection before | \$100.00 |
| | transfer of title to property | |
| d. | Alternative, community, commercial system | \$182.00 |
| | monitoring by the health officer | |
| e. | Review of new proprietary device, method or | actual cost |
| | product | |
| f. | Disciplinary/performance review conference for | \$182.00 |
| | certificate of competency holder | |
| g. | Reinstatement of certificate after suspension | applicable certificate |

| | _ | fee |
|---------------|---|-----------------------|
| h. | Reinspection fee | \$182.00 minimum |
| i. | Change of designer of record | \$182.00 |
| j. | Replacement private well/spring location review | \$237.00 |
| k. | Watertable monitoring plan review | \$819.00 |
| <u>l</u> | On-site sewage system operation and maintenance | \$40.00 |
| | program fee due from buyer or transferee of a | |
| | property served by on-site sewage system at time of | |
| | sale or transfer of property ownership | |
| m. | Report on the condition of an individual private, | \$382.00 |
| | nonpublic well | |
| θ. | Report on the condition of an on-site sewage system | \$54 6.00 |
| | and an individual private, nonpublic well on the | |
| - | same premises | |
| p. | Annual product development permit | actual cost of review |
| · | | of permit |
| | | application, permit |
| | | issuance and |
| | | monitoring of |
| | | product performance |
| | | data)) |
| | I | L |

Part ((3)) 1 - Fees Pertaining to Title 13

Effective ((January 1, 2011,)) Through December 31, 2011.

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- Persons shall pay permit fees, application review fees, reinspection fees,
- 25 monitoring report filing fees, variance request fees, special service fees and
- 26 miscellaneous fees under Title 13 as set forth in the following fee schedule:

| 1. | On-site sewage system construction permit fee | |
|----|---|------------|
| a. | single-family, new pressurized | \$860.00 |
| b. | single-family, new gravity | \$726.00 |
| c. | single-family, repair or modification | \$649.00 |
| d. | single-family, limited repair | \$229.00 |
| e. | non-single-family | \$1,146.00 |
| f. | delinquent submittal of record drawing | \$191.00 |
| 2. | On-site sewage system maintainer certificate of | |
| | competency fee | |
| a. | Issued July 1 or before | \$306.00 |
| b. | Issued after July 1 | \$153.00 |
| c. | Maintainer competency examination | \$306.00 |
| 3. | Master installer certificate of competency fee | |
| a. | Issued July 1 or before | \$306.00 |
| b. | Issued after July 1 | \$153.00 |
| c. | Master installer competency examination | \$306.00 |
| 4. | Associate installer certificate of competency fee | |
| a. | Initial and renewal certificate | \$115.00 |
| b. | Associate installer competency examination | \$191.00 |

| 5. | On-si | te sewage system pumper certificate of | |
|----|------------|--|--------------|
| | compo | etency fee | |
| a. | Busin | ess owner | \$229.00 |
| b. | Pump | er employee | \$115.00 |
| c. | Vehic | le inspection tab | \$96/vehicle |
| d. | Pump | er competency examination | \$191.00 _ |
| 6. | Site d | esign application review fee The site design | |
| | applic | eation review fee shall consist of a base fee, | |
| | plus a | potable water review fee as follows, but the | |
| | potabl | le water review fee shall be waived if a | |
| | potabl | le water review has been completed in the last | |
| | two years: | | |
| a. | Base fee | | |
| | (1) | Gravity system, new | \$478.00 |
| | (2) | Pressurized system, new | \$821.00 |
| b. | Potab | le water review fee | |
| | (1) | Served by Group A water system with | \$0.00 |
| | | more than 1000 connections | |
| | (2) | Served by Group A water system with | \$95.00 |
| | | 1000 or fewer connections | |
| | (3) | Served by Group B water system | \$254.00 |
| | (4) | Served by individual well | \$127.00 |

| c. | Revision review | \$191.00 base fee plus |
|-----|--|------------------------|
| | | \$191.00/hour after |
| | | one hour |
| 7. | Community and large on-site sewage systems | |
| : | review fees | |
| a. | Preliminary engineering report, new and | \$726.00 |
| | replacement | |
| b. | Plans and specifications, new | \$840.00 |
| C. | Plans and specifications, repaired and replacement | \$573.00 |
| d. | Management agreement review | \$267.00 |
| 8. | Subdivision review fees | |
| a. | Pre-application review | \$764.00 plus \$115.00 |
| | | per lot |
| b. | Final application review | \$1,337.00 plus |
| | | \$175.00 per lot |
| 9. | Sewage review committee fees | |
| a. | Appeal review | \$1,413.00 |
| b. | Refunds, non refundable amount | \$75.00 |
| 10. | Miscellaneous fees | |
| a. | Building remodel review | \$497.00 base fee plus |
| | | potable water review |
| | | fee as delineated in |

| : | | Part ((2)) <u>1</u> , |
|----|--|------------------------|
| | | subsection 6.b., but |
| | | the potable water |
| | | review fee shall be |
| | | waived if a potable |
| · | | water review has |
| | | been completed in the |
| | | last two years. |
| b. | Wastewater tank manufacturers standards review | \$191.00 base fee plus |
| | | \$191.00 per hour |
| | | after one hour |
| c. | On-site sewage system maintainer's maintenance | |
| | and performance monitoring inspection report | |
| | filing: | |
| | (1) Periodic maintenance and performance | \$27.00 |
| | monitoring | |
| | (2) Monitoring and performance inspection before | \$105.00 |
| | transfer of title to property | |
| d. | Alternative, community, commercial system | \$191.00 |
| | monitoring by the health officer | |
| e | Review of new proprietary device, method or | actual cost |
| | product | |
| | | |

| f. | Disciplinary/performance review conference for | \$573.00 |
|----|---|------------------------|
| | certificate of competency holder | |
| g. | Reinstatement of certificate after suspension | applicable certificate |
| | | fee |
| h. | Reinspection fee | actual cost/\$191.00 |
| | | minimum |
| i. | Change of designer of record | \$191.00 |
| j. | Replacement private well/spring location review | \$248.00 |
| k. | Watertable monitoring plan review | \$860.00 |
| 1. | On-site sewage system operation and maintenance | \$40.00 |
| | program fee due from buyer or transferee of a | |
| | property served by on-site sewage system at time of | |
| | sale or transfer of property ownership | |
| m. | Report on the condition of an individual private, | \$401.00 |
| | nonpublic well | |
| 0. | Report on the condition of an on-site sewage | \$401.00 |
| | system and an individual private, nonpublic well on | |
| | the same premises | |
| p. | Annual product development permit | actual cost of review |
| | | of permit application, |
| | | permit issuance and |
| | | monitoring of product |
| | | |

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| | _ | performance data |
|-----------|-----------------------------------|-----------------------|
| <u>q.</u> | Rainwater catchment system review | actual cost of review |
| | | of application for |
| | | approval of rainwater |
| | | catchment system |
| | | source |

Part ((4)) 2 - Fees Pertaining to Title 13

Effective January 1, 2012, and Thereafter.

Persons shall pay permit fees, application review fees, reinspection fees, monitoring report filing fees, variance request fees, special service fees and

miscellaneous fees under Title 13 as set forth in the following fee schedule:

| 1. | On-site sewage system construction permit fee | |
|----|--|------------|
| a. | single-family, new pressurized | \$905.00 |
| b. | single-family, new gravity | \$764.00 |
| c. | single-family, repair or modification | \$683.00 |
| d. | single-family, limited repair | \$241.00 |
| e. | non-single-family | \$1,206.00 |
| f. | delinquent submittal of record drawing | \$201.00 |
| 2. | On-site sewage system maintainer certificate of competency fee | |
| a. | Issued July 1st or before | \$322.00 |
| b. | Issued after July 1st | \$161.00 |

| c. | Maintainer competency examination | \$322.00 |
|----|---|---------------|
| 3. | Master installer certificate of competency fee | |
| a. | Issued July 1 or before | \$322.00 |
| b. | Issued after July 1 | \$161.00 |
| c. | Master installer competency examination | \$322.00 |
| 4. | Associate installer certificate of competency fee | |
| a. | Initial and renewal certificate | \$121.00 |
| b. | Associate installer competency examination | \$201.00 |
| 5. | On-site sewage system pumper certificate of | |
| | competency fee | |
| a. | Business owner | \$241.00 |
| b. | Pumper employee | \$121.00 |
| c. | Vehicle inspection tab | \$101/vehicle |
| d. | Pumper competency examination | \$201.00 |
| 6. | Site design application review fee The site design | |
| | application review fee shall consist of a base fee, | |
| | plus a potable water review fee as follows, but the | |
| | potable water review fee shall be waived if a | |
| | potable water review has been completed in the last | |
| | two years: | |
| a. | Base fee | |
| | (1) Gravity system, new | \$503.00 |

| | (2) | Pressurized system, new | \$864.00 |
|----|---------|--|------------------------|
| b. | Potab | le water review fee | |
| | (1) | Served by Group A water system with | \$0.00 |
| | | more than 1000 connections | |
| | (2) | Served by Group A water system with | \$101.00 |
| | · | 1000 or fewer connections | - |
| | (3) | Served by Group B water system | \$268.00 |
| | (4) | Served by individual well | \$134.00 |
| c. | Revisi | ion review | \$201.00 base fee plus |
| | | | \$201.00 per hour |
| | | | after one hour |
| 7. | Comn | nunity and large on-site sewage systems | |
| | reviev | v fees | |
| a. | Prelin | ninary engineering report, new and | \$764.00 |
| | replac | ement | · |
| b. | Plans | and specifications, new | \$884.00 |
| c. | Plans | and specifications, repaired and replacement | \$603.00 |
| d. | Manaş | gement agreement review | \$281.00 |
| 8. | Subdi | vision review fees | |
| a. | Pre-ap | pplication review | \$804.00 plus |
| | | | \$115.00/lot |
| b. | Final a | application review | \$1,407.00 plus |

| Sewage review committee fees | |
|--|--|
| 1 | |
| Appeal review | \$1,487.00 |
| Refunds, non refundable amount | \$75.00 |
| Miscellaneous fees | |
| Building remodel review | \$523.00 base fee plus |
| | potable water review |
| | fee as delineated in |
| | Part 2, subsection |
| | 6.b., but the potable |
| | water review fee shall |
| | be waived if a potable |
| | water review has |
| | been completed in the |
| | last two years |
| Wastewater tank manufacturers standards review | \$201.00 base fee plus |
| | \$201.00/hour after |
| | one hour |
| On-site sewage system maintainer's maintenance | |
| and performance monitoring inspection report | |
| filing: | |
| (1) Periodic maintenance and performance | \$28.00 |
| | Refunds, non refundable amount Miscellaneous fees Building remodel review Wastewater tank manufacturers standards review On-site sewage system maintainer's maintenance and performance monitoring inspection report filing: |

| _ | monitoring | |
|----|---|------------------------|
| | (2) Monitoring and performance inspection before | \$111.00 |
| | transfer of title to property | |
| d. | Alternative, community, commercial system | \$201.00 |
| | monitoring by the health officer | |
| e. | Review of new proprietary device, method or | actual cost |
| | product | |
| f. | Disciplinary/performance review conference for | \$603.00 |
| | certificate of competency holder | |
| g. | Reinstatement of certificate after suspension | applicable certificate |
| | | fee |
| h. | Reinspection fee | actual cost/\$201.00 |
| | | minimum |
| i. | Change of designer of record | \$201.00 |
| j. | Replacement private well/spring location review | \$261.00 |
| k. | Watertable monitoring plan review | \$905.00 |
| 1. | On-site sewage system operation and maintenance | \$40.00 |
| | program fee due from buyer or transferee of a | |
| | property served by on-site sewage system at time of | |
| | sale or transfer of property ownership | |
| m. | Report on the condition of an individual private, | \$422.00 |
| | nonpublic well | |
| | | |

| 0. | Report on the condition of an on-site sewage | \$603.00 |
|-----------|---|------------------------|
| | system and an individual private, nonpublic well on | |
| | the same premises | |
| p. | Annual product development permit | actual cost of review |
| | | of permit application, |
| | | permit issuance and |
| | | monitoring of product |
| | | performance data |
| <u>q.</u> | Rainwater catchment system review | actual cost of review |
| | | of application for |
| | | approval of rainwater |
| | | catchment system |
| | | source |

32 <u>SECTION 2.</u> R&R 3, Part 13, Section 3, as amended, and BOH 13.04.070 are

each hereby amended to read as follows:

Domestic water supply source. No on-site sewage system may be constructed or expanded if the plumbing fixtures draining to the system are not supplied with water from an approved source. An approved water source consists of one of the following:

- A. Public water source: A public water source currently in compliance with chapter 246-290 or 246-291 WAC and BOH Title 12.
- B. Private individual well source: A private well on a lot five acres or greater in size or a lot created prior to May 18, 1972, which complies with all of the following conditions:

| 42 | 1. ((Source)) Well location approval: Any proposed new or replacement |
|----|---|
| 43 | individual private well location shall be submitted to the health officer and receive |
| 44 | approval prior to construction of the ((water source)) well. |

- a. All private water system development in the urban growth area or in the rural area as defined by the King County Comprehensive Plan is subject to the provisions of King County Code Sections 13.24.140 and 13.24.138, respectively.
- b. Proposed new initial water ((source)) well locations shall be accurately specified upon an OSS site design application and shall be submitted for review by the health officer in conjunction with evaluation of the proposed OSS design. If the protective well radius is within ten feet of any lot line, easement line or any source of contamination, the health officer may require the well site to be surveyed.
- c. Application for replacement water ((source)) well locations shall be made on forms obtained from the health officer and shall be accompanied by a review fee as specified in the fee (([schedule])) schedule.
 - d. The new or replacement well location shall be clearly identified at the site.
- e. Information shall be provided as part of the ((source)) well location application to include, at minimum, a completely dimensioned plot plan, drawn to a scale not smaller than one inch equals one hundred feet accurately showing the location of the proposed water ((source)) well relative to property boundary lines, existing and proposed OSS components including OSS reserve area, existing and proposed structures, roads and driveways, surface water, direction of surface drainage, a designated ((source)) well protection sanitary control area and any other features relevant to the siting of a water ((source)) well location.

- f. A <u>water</u> well ((source)) site approval is valid for two years from the date of approval or until the expiration of a building permit issued by the building official for construction of the primary structure to be served by the new well, whichever period is longer.
- 2. ((Source)) Water well protection covenant: The property owner shall establish a ((source)) water well protection sanitary control area by providing a recorded protective covenant prohibiting, within a horizontal distance of not less than one hundred feet of the well, potential sources of contamination as described in BOH 12.24.010 and WAC 173-160-171.
 - 3. Demonstrate adequate water quantity by:
- a. Drilling, in known or suspected areas of low production, the well and conducting a four hour pump test that demonstrates that the proposed ((source)) well is capable of providing water to a residential dwelling in the amount of not less than four hundred gallons per day. This pump test may be required to be performed during the months of August, September or October at the health officer's discretion; or
- b. Providing, in all other areas, adequate information to the satisfaction of the health officer to demonstrate the aquifer's capability to provide four hundred gallons per day. This information may include well logs or pumping reports from neighboring wells utilizing the same aquifer. The neighboring well or wells shall be shown on a map of the surrounding area identifying both the subject property and the location of the well or wells identified as neighboring. The map shall be included with the OSS site design application submittal.

| 87 | 4. Demonstrate adequate water quality by submitting results of all tests taken for |
|-----|--|
| 88 | the following and showing: |
| 89 | a. At least one bacteriological analysis from the ((source)) well water which |
| 90 | does not exceed the maximum contaminant level prescribed in WAC 246-291-320; and |
| 91 | b. At least one chemical test for nitrate and arsenic from the ((source)) well |
| 92 | water described in table 1, WAC 246-291-330, which does not exceed the maximum |
| 93 | contaminant level ((per)) under WAC 246-291-330. |
| 94 | 5. Provide a copy of well driller's report ((per requirements of WAC 173-160- |
| 95 | 050)) under WAC 173-160-141. |
| 96 | 6. Construction of the well must meet Washington state Department of |
| 97 | Ecology's construction standards ((as per requirements of WAC)) under chapter 173-160 |
| 98 | WAC. |
| 99 | C. A private spring on a lot five acres or greater or a lot created prior to May 18, |
| 100 | 1972, that complies with all of the following conditions prior to application for OSS site |
| 101 | design approval: |
| 102 | 1. Application for an individual private spring water source shall be made on |
| 103 | forms provided by the health officer and shall be accompanied by a fee as specified in the |
| 104 | fee schedule. |
| 105 | 2. The application shall include: a recorded protective covenant of no less than |
| 106 | two hundred feet up slope and one hundred feet down slope from the spring prohibiting |
| 107 | any potential sources of contamination as described in BOH ((Section)) 13.04.070 B.2., a |
| 108 | spring location plot plan, a detailed spring construction plan, and information |

| 109 | demonstrating acceptable water quality and quantity as specified in BOH 12.20.040 and |
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| 110 | chapter 246-291 WAC. |
| 111 | 3. Within thirty $(((30)))$ days of receiving a complete application the health |
| 112 | officer shall approve, deny or notify the applicant that the application is pending. |
| 113 | Reasons for denial or pendency of the application shall be stated in writing. |
| 114 | D. A rainwater catchment system that serves as the only source of drinking water |
| 115 | for a single family residence and that complies with each of the following conditions: |
| 116 | 1. The health officer finds that requiring connection of the plumbing system to |
| 117 | an approved public water source or to an approved private well would cause undue |
| 118 | hardship. |
| 119 | 2. Application for a rainwater catchment system source approval shall be |
| 120 | submitted for review on forms provided by the health officer. The applicant shall pay to |
| 121 | the health officer the rainwater catchment system review fee as specified in the fee |
| 122 | schedule, payable after completion of the application review. |
| 123 | 3. Application for a rainwater catchment system source approval shall be |
| 124 | prepared by any one or more of the following: |
| 125 | a. a professional engineer authorized under a current, valid license to practice |
| 126 | in Washington state; |
| 127 | b. an environmental health professional holding a current, valid registration |
| 128 | from either the Washington State Environmental Health Association or the National |
| 129 | Environmental Health Association; |
| 130 | c. a King County licensed water system designer holding a current, valid |
| 131 | license to design water systems in King County; and |

| 132 | d. a rainwater system designer holding a current, valid accreditation from the |
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| 133 | American Rainwater Catchment System Association. |
| 134 | 4. Rainwater catchment system source design shall conform to Part III of |
| 135 | Chapter 16 of the Uniform Plumbing Code, 2009 edition, as amended, and shall include, |
| 136 | at a minimum, the following information: |
| 137 | a. estimated daily and weekly and annual demand; |
| 138 | b. available catchment area and estimated annual rainwater capture; |
| 139 | c. roofing materials used; |
| 140 | d. storage capacity of and materials used in the construction of the rainwater |
| 141 | catchment system; |
| 142 | e. treatment specifications including filtrations and disinfection system |
| 143 | specifications; and |
| 144 | f. operation and maintenance requirements. |
| 145 | 5. Composite or shake shingles or other materials determined by the health |
| 146 | officer to present a risk of contamination may not be approved or used as roofing |
| 147 | materials for a rainwater catchment system source. |
| 148 | 6. Before using a rainwater catchment system source, the property owner shall |
| 149 | file in the county recorder's office a notice on title advising that the property is served by |
| 150 | a rainwater catchment system and including the following information: |
| 151 | a. the estimated daily, weekly and annual water supply furnished by the |
| 152 | rainwater catchment system; |
| 153 | b. that the water supply from the rainwater catchment system may be limited |
| 154 | due to variations in rainfall or usage; and |

| 155 | c. that regular maintenance of the treatment system and components is required |
|-----|--|
| 156 | in order to minimize the risk of consuming contaminated water. |
| 157 | E. Lot area designated in whole or in part as a critical area may be included in the |
| 158 | computation of the minimum five-acre lot size required ((by)) under subsections B. and |
| 159 | C. of this section. |
| 160 | NEW SECTION. SECTION 3. There is hereby added a new section to BOH |
| 161 | chapter 13.08 to read as follows: |
| 162 | Rainwater catchment system. "Rainwater catchment system" means a cistern or |
| 163 | cisterns, pipe, fittings, pumps and other plumbing appurtenances required for or used to |
| 164 | harvest and distribute rainwater. |
| 165 | SECTION 4. Severability. If any provision of this rule or its application to any |

person or circumstance is held invalid, the remainder of the rule or the application of the
 provision to other persons or circumstances is not affected.

168

R&R BOH11-03 was introduced on and passed by the Board of Health on 7/21/2011, by the following vote:

Yes: 11 - Mr. Hutchinson, Mr. Conlin, Ms. Patterson, Ms. Lambert, Ms. Clark, Dr. Sherman, Dr. Danielson and Mr. McDermott

No: 0

Excused: 3 - Ms. Frisinger, Mr. Licata and Dr. Nicola

BOARD OF HEALTH KING COUNTY, WASHINGTON

Joe McDermott, Chair

ATTEST:

Anne Noris, Clerk of the Board

Attachments: None