

Tacoma-Pierce County Health Department

Class B Waiver Review Criteria and Mitigation Measures

7/6/2016

For permitting time-dosed pressure distribution systems in Soil Types 3-6 with $\geq 18''$ to $< 24''$ of vertical separation

WAC Section	Specific Item Considered for Variance	Extend or Degree Mitigated	Minimum Issues/Criteria to Consider	Required Mitigation Measures
246-272A-0230 (2)(g)(i), Table VI	Treatment Level 'B' with time dosed pressure distribution for Soil Types 3-6 with $\geq 18''$ to $< 24''$ of vertical separation	Treatment Level 'E' with time dosed pressure distribution for Soil Types 3-6 with $\geq 18''$ to $< 24''$ of vertical separation	a) Evaluation of special site characteristics	1) Minimum horizontal separations between the edge of the soil dispersal component and down gradient surface water or a drinking water well is 150 feet. 2) Minimum horizontal separations between the edge of the soil dispersal component and up gradient surface water or a drinking water well is 100 feet. 3) No further reductions allowed in Table IV (Horizontal Separations) per WAC 246-272A-0210 (3) or (4). 4) Application limited to sites having soils with a glacial till or bedrock restrictive layer on slopes 3%-25%. 5) Minimum land areas must be met per Method 1.
			b) Special design conditions	1) Minimum design flow of 150 gallons per day/bedroom. 2) No increase in hydraulic loading rate with the use of gravelless distribution products. 3) Maximum 5% variation in dosing volume between any two (2) laterals. 4) Maximum 3' wide soil dispersal component; <u>no</u> beds allowed. 5) Dispersal trenches must be designed and installed on a minimum of 7.5' on center. 6) A minimum 10' setback is required from the dispersal component to any down-gradient property line.
			c) Operation and maintenance measures	1) Annual routine O&M inspection required. 2) Annual O&M requirement must be recorded on the property title.
			d) Special administrative requirements	1) Limited to a development application design for a new single-family residence (SFR). 2) Variance does not apply to requirements for the reserve area (sized at 100%). 3) No additional DOH Class A, B, or C waivers will be granted in conjunction with this waiver.



STATE OF WASHINGTON
DEPARTMENT OF HEALTH

OFFICE of ENVIRONMENTAL HEALTH and SAFETY

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July 6, 2016

Dr. Anthony Chen
Director of Health
Tacoma Pierce County Health Department
3629 South D Street MS 1035
Tacoma, WA 98418-6813

Re: Class B Waiver Request

Dear Dr. Chen:

The Tacoma Pierce County Health Department has requested Department of Health review of a proposal for a Class B waiver of requirements in the Rules and Regulations of the State Board of Health, Chapter 246-272A WAC On-Site Sewage Systems, Table VI, Treatment Component Performance Levels and Method of Distribution. The item to be waived is WAC 246-272A-0230, (2)(g)(i), Table VI, for Soil Types 3-6 with $\geq 18''$ and $< 24''$ of vertical separation must meet Treatment Level B with timed dosing. The specific request is:

Soil Types 3 – 6 with $\geq 18''$ and $< 24''$ of vertical separation must meet treatment Level E with timed dosing.

The enclosed chart identifies the review criteria and mitigation measures provided by Tacoma Pierce County Health Department.

In the waiver request your department has identified a combination of design requirements, quality control, and operation and maintenance measures needed to provide public health and water quality protection. When granting the Class B waiver we understand our department will require an operation and maintenance contract of these systems as an added mitigation measure.

We have reviewed your submitted review criteria and mitigation measures and conclude that waivers granted under the provisions of the Class B waiver are consistent with the standards and intent of the State Board of Health rules for on-site sewage systems.

Copies of each Class B waiver request acted on locally are to be submitted by the local health officer to the Department of Health for each quarter of the year as provided in RCW 70.05.072.

Dr. Anthony Chen
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The quarterly report form and information of the quarterly reporting process are available upon request to this department. If you have any questions or need additional information please contact Leslie Turner, Wastewater Management Specialist, Department of Health Wastewater Program, at (360)236-3043 or Leslie.Turner@doh.wa.gov

Sincerely,



Rick Porso
Deputy Director
Office of Environmental Health & Safety

Enclosure

cc: Frank DiBiase, Environmental Health Director, TPCHD
Gary Porter, Wastewater Division Director, TPCHD
Jeremy Simmons, Wastewater Management Section Manager, DOH
Leslie Turner, Wastewater Management Specialist, DOH