



<b>OAR 340-071-0220</b> <b>TABLE 1</b> <b>ONSITE WASTEWATER TREATMENT SYSTEMS:</b> <b>STANDARD SUBSURFACE SYSTEMS</b> <b>MINIMUM SEPARATION DISTANCES</b> (ALL MEASUREMENTS IN FEET UNLESS OTHERWISE NOTED)		
Items Requiring Setback	From Subsurface Absorption Area Including Replacement Area	From Septic Tank and Other Treatment Units, Effluent Sewer and Distribution Units
1. Groundwater Supplies and Wells	*100	50
2. Springs	Upgradient	50
	Downgradient	100
**3. Surface Public Waters	Year round	100
	Seasonal	50
4. Intermittent Streams	Piped (watertight not less than 20' from any part of the onsite system)	20
	Unpiped	50
5. Groundwater Interceptors	On a slope of 3% or less	20
	On a slope greater than 3%: Upgradient	10
	On a slope greater than 3%: Downgradient	50

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**TABLE 1**

**ONSITE WASTEWATER TREATMENT SYSTEMS:  
STANDARD SUBSURFACE SYSTEMS  
MINIMUM SEPARATION DISTANCES**

(ALL MEASUREMENTS IN FEET UNLESS OTHERWISE NOTED)

Items Requiring Setback		From Subsurface Absorption Area Including Replacement Area	From Septic Tank and Other Treatment Units, Effluent Sewer and Distribution Units
6. Irrigation Canals	Lined (watertight canal): Downgradient	25	25
	Unlined: Upgradient	25	25
	Unlined: Downgradient	50	50
7. Manmade Cuts Down - Gradient in Excess of 30 Inches (top of downslope cut)	Which Intersect Layers that Limit Effective Soil Depth Within 48 Inches of Surface	50	25
	Which Do Not Intersect Layers that Limit Effective Soil Depth	25	10
8. Downgradient Escarpments	Which Intersect Layers that Limit Effective Soil Depth	50	10
	Which Do Not Intersect Layers that Limit Effective Soil Depth	25	10
9. Property Lines		10	5
10. Water Lines		10	10
11. Foundation Lines of any Building, Including Garages and Out Buildings		10	5
12. Underground Utilities		10	—

\* 50-foot setback for wells constructed with special standards granted by WRD.

\*\*This does not prevent stream crossings of pressure effluent sewers.

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**TABLE 2**

**ONSITE WASTEWATER TREATMENT SYSTEMS:  
STANDARD SUBSURFACE SYSTEMS  
QUANTITIES OF SEWAGE FLOWS**

Type of Establishment		Column 1	Column 2
		Gallons Per Day	Minimum Gallons Per Establishment Per Day
Airports		5 (per passenger)	150
Bathhouses and swimming pools		10 (per person)	300
Camps: (4 Persons per Campsite, where Applicable)	Campground with central comfort stations	35 (per person)	700
	With flush toilets, no showers	25 (per person)	500
	Construction camps — semi- permanent	50 (per person)	1000
	Day camps — no meals served	15 (per person)	300
	Resort camps (night and day) with limited plumbing	50 (per person)	1000
	Luxury camps	100 (per person)	2000
Churches		5 (per seat)	150
Country clubs		100 (per resident member)	2000

**OAD 340-071-0220**  
**TABLE 2**  
**ONSITE WASTEWATER TREATMENT SYSTEMS:**  
**STANDARD SUBSURFACE SYSTEMS**  
**QUANTITIES OF SEWAGE FLOWS**

Country clubs		25 (per non- resident member present)	—
Dwellings:	Boarding houses	150 (per bedroom)	600
	Boarding houses – additional for non- residential boarders	10 (per person)	—
	Rooming houses	80 (per person)	500
	Condominiums, Multiple family dwellings — including apartments	300 (per unit)	900
<b>Type of Establishment</b>		<b>Column 1</b>	<b>Column 2</b>
		<b>Gallons Per Day</b>	<b>Minimum Gallons Per Establishment Per Day</b>
Dwellings:	Single family dwellings	300 (not exceeding 2 bedrooms)	450*
	Single family dwellings — with more than 2 bedrooms	75 (for third & each succeeding bedroom)	450
Factories (exclusive of industrial wastes — with shower facilities)		35(per person per shift)	300
Factories (exclusive of industrial wastes — without shower facilities)		15 (per person per shift)	150
Hospitals		250 (per bed space)	2500
Hotels with private baths		120 (per room)	600
Hotels without private baths		100 (per room)	500
Institutions other than hospitals		125 (per bed space)	1250

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**TABLE 2**

**ONSITE WASTEWATER TREATMENT SYSTEMS:  
STANDARD SUBSURFACE SYSTEMS  
QUANTITIES OF SEWAGE FLOWS**

Laundries — self-service	500 (per machine)	2500	
Mobile home parks	250 (per space)	750	
Motels — with bath, toilet, and kitchen wastes	100 (per bedroom)	500	
Motels — without kitchens	80 (per bedroom)	400	
Picnic Parks — toilet wastes only	5 (per picnicker)	150	
Picnic Parks — with bathhouses, showers, and flush toilets	10 (per picnicker)	300	
Restaurants	40 (per seat)	800	
Restaurants — single-service	2 (per customer)	300	
Restaurants — with bars and/or lounges	50 (per seat)	1000	
<b>Type of Establishment</b>	<b>Column 1</b>	<b>Column 2</b>	
	<b>Gallons Per Day</b>	<b>Minimum Gallons Per Establishment Per Day</b>	
Schools:	Boarding	100 (per person)	3000
	Day — without gyms, cafeterias, or showers	15 (per person)	450
	Day — with gyms, cafeterias and showers	25 (per person)	750
	Day — with cafeteria, but without gyms or showers	20 (per person)	600
Service Stations	10 (per vehicle served)	500	
Swimming pools and bathhouses	10 (per person)	300	
Theaters:	Movie	5 (per seat)	300
	Drive-In	20 (per car space)	1000
Travel trailer parks — without individual water and sewer hookups	50 (per space)	300	

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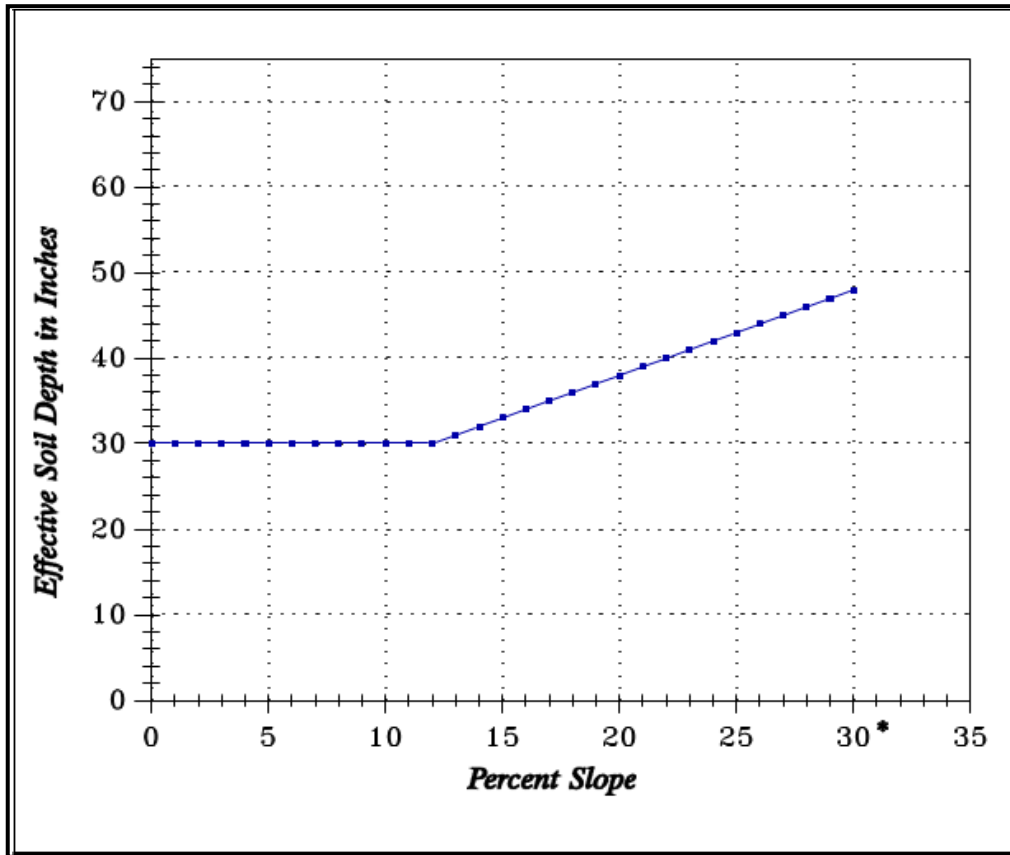
**TABLE 2**

**ONSITE WASTEWATER TREATMENT SYSTEMS:  
STANDARD SUBSURFACE SYSTEMS  
QUANTITIES OF SEWAGE FLOWS**

Travel trailer parks — with individual water and sewer hookups		100 (per space)	500
Workers:	Construction — as semi- permanent camps	50 (per person)	1000
	Day — at schools and offices	15 (per shift)	150

\* Except as otherwise provided in these rules.

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TABLE 3  
ONSITE WASTEWATER TREATMENT SYSTEMS:  
STANDARD SUBSURFACE SYSTEMS  
SLOPE, EFFECTIVE SOIL DEPTH RELATIONSHIP



**OAR 340-071-0220**  
**TABLE 4**  
**ONSITE WASTEWATER TREATMENT SYSTEMS:**  
**STANDARD SUBSURFACE SYSTEMS**

Minimum length of absorption trench (linear feet) required per 150 gallons projected daily sewage flow determined from soil texture versus effective soil depth.

Effective Soil Depth	Soil Group		
	A	B	C
18" to Less than 24"	125	150	175
24" to Less than 36"	100	125	150
36" to Less than 48"	75	100	125
48" or more	50	75	125

Soil Group A — Sand, Loamy Sand, Sandy Loam.  
 Soil Group B — Sandy Clay Loam, Loam, Silt Loam, Silt, Clay Loam.  
 Soil Group C — Silty Clay Loam, Sandy Clay, Silty Clay, Clay.  
 If sand grains are fine or very fine, site according to Group B soils.



**OAR 340-071-0220**

**TABLE 5**

**ONSITE WASTEWATER TREATMENT SYSTEMS:  
STANDARD SUBSURFACE SYSTEMS**

**Minimum length of absorption trench (linear feet) required per 150 gallons projected daily sewage flow determined from soil texture versus depth to temporary groundwater.**

<b>Depth to Temporary Groundwater</b>	<b>Soil Group</b>		
	<b>A</b>	<b>B</b>	<b>C</b>
24" to Less than 48"	100	125	150
48" or More	50	75	125

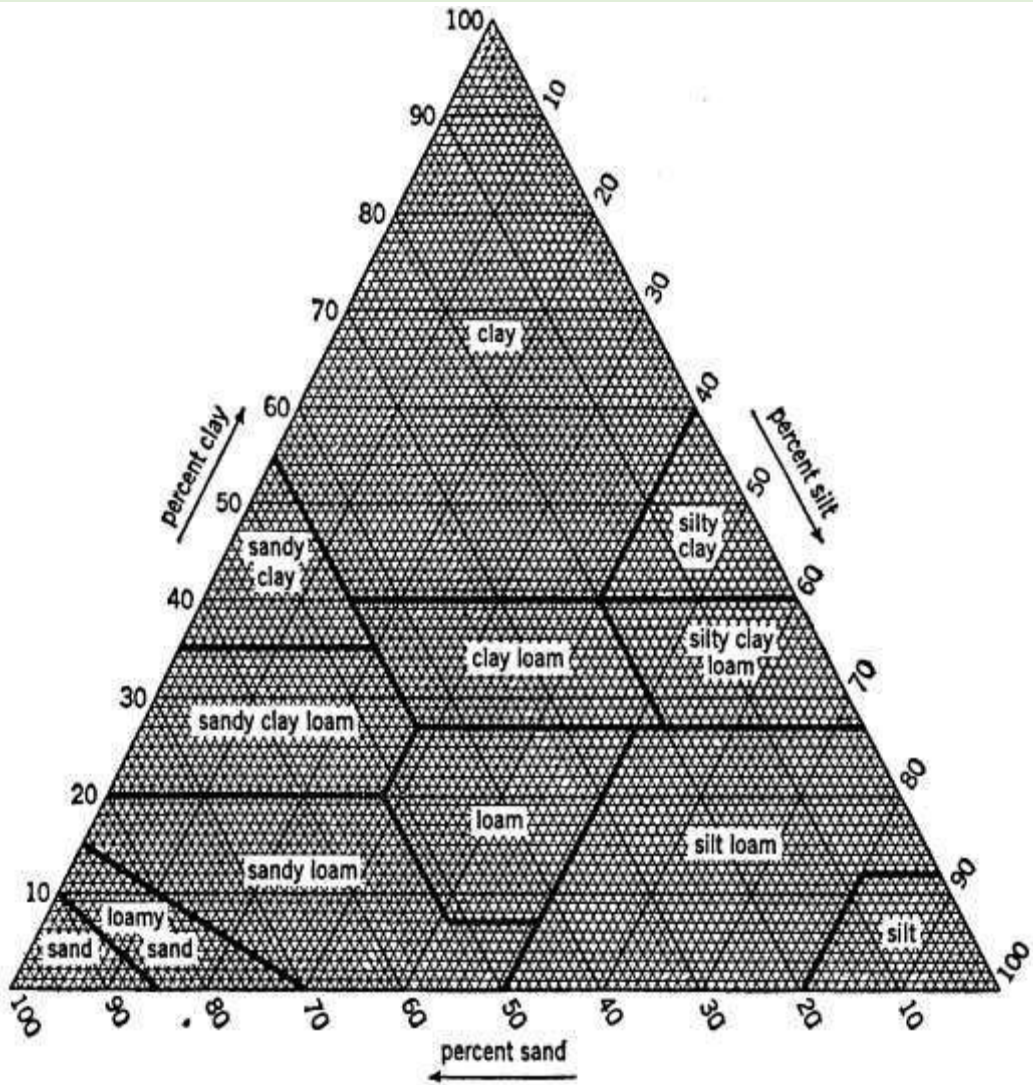
Soil Group A — Sand, Loamy Sand, Sandy Loam.

Soil Group B — Sandy Clay Loam, Loam, Silt Loam, Silt, Clay Loam.

Soil Group C — Silty Clay Loam, Sandy Clay, Silty Clay, Clay.

If sand grains are fine or very fine, site according to Group B soils.

**OAR 340-071-0100**  
**TABLE 6**  
**ONSITE WASTEWATER TREATMENT SYSTEMS:**  
**STANDARD SUBSURFACE SYSTEMS**  
**OAR 340-071-0100**  
**SOIL TEXTURAL CLASSIFICATION CHART**



**OAR 340-071-0100**  
**TABLE 7**  
**ONSITE WASTEWATER TREATMENT SYSTEMS:**  
**STANDARD SUBSURFACE SYSTEMS**  
**USDA SOIL CLASSIFICATION SIZES**  
**OF SOIL SEPARATES**

<b>Material</b>	<b>Sieve Sizes</b>	<b>Millimeters</b>
Clay		.002
Silt	270	.050
Very Fine Sand	200	.075
	140	.1
Fine Sand	60	.25
Medium Sand	35	.5
Coarse Sand	18	1.0
Very Coarse Sand	10	2.0
Fine Gravel	4	4.75
	3/8"	9.5
	1/2	12.5
Course Gravel	3"	76.2
Cobbles		

**OAR 340-071-0330**

**TABLE 8**

**ONSITE WASTEWATER TREATMENT SYSTEMS:  
STANDARD SUBSURFACE SYSTEMS  
MINIMUM SEPARATION DISTANCES FOR NONWATER-  
CARRIED WASTE DISPOSAL FACILITIES**

<b>Items requiring separation</b>	<b>Self-Contained Nonwater-Carried Waste Disposal</b>	<b>Unsealed Earth-Type Privies, Graywater Waste Disposal Sump and Seepage Chambers</b>
Groundwater supplies including springs and cisterns	50'	100'
Surface public waters, excluding intermittent streams	50'	100'
Intermittent streams	50'	50'
Property line	25'	25'

<b>OAR 340-071-0140</b> <b>TABLE 9A</b> <b>ONSITE WASTEWATER TREATMENT SYSTEMS:</b> <b>SITE EVALUATION AND EXISTING SYSTEM EVALUATION</b> <b>FEEES</b> <b>Effective August 1, 2024</b>	
<b>New Site Evaluation Fees</b> Fees in this section apply to each system for which site suitability is evaluated	
Single family dwelling - First lot	\$819
Single family dwelling - Each additional lot evaluated during initial visit	\$819
Commercial facility with a design capacity of 1,000 gpd or less	\$819
Commercial facility with a design capacity of 1,001-1,500 gpd	\$1,031
Commercial facility with a design capacity of 1,501-2,000 gpd	\$1,243
Commercial facility with a design capacity of 2,001-2,500 gpd	\$1,455
Commercial facility s with a design capacity of 2,501-3,000 gpd	\$1,668
Commercial facility with a design capacity of 3,001-3,500 gpd	\$1,880
Commercial facility with a design capacity of 3,501-4,000 gpd	\$2,091
Commercial facility with a design capacity of 4,001-4,500 gpd	\$2,303
Commercial facility with a design capacity of 4,501-5,000 gpd	\$2,516
Commercial facility with a design flow greater than 5,000 gpd	\$2,776
Site Evaluation Report Review fee	\$771
Existing System Evaluation Report fee	\$771

**OAR 340-071-0140**

**TABLE 9B**

**ONSITE WASTEWATER TREATMENT SYSTEMS:  
PERMITTING FEES FOR SYSTEMS NOT SUBJECT TO WPCF PERMITS**

Effective August 1, 2024

Type of Fee		System Type					Plan Review fees for Commercial Facility Systems
		A	B	C	D	E	
Construction-Installation Permit Fees	For systems with a design capacity of less than 600 gpd	\$539	\$1,041	\$1,214	\$1,488	\$1,832	\$0
	For systems with a design capacity of 601-1,000 gpd	\$539	\$1,041	\$1,214	\$1,488	\$1,832	\$443
	For systems with a design capacity of 1,001-1,500 gpd	\$655	\$1,157	\$1,330	\$1,581	\$2,000	\$520
	For systems with a design capacity of 1,501-2,000 gpd	\$771	\$1,272	\$1,446	\$1,676	\$2,062	\$597
	For systems with a design capacity of 2,001-2,500 gpd	\$886	\$1,388	\$1,561	\$1,770	\$2,178	\$675
Reinspection fee		\$120	\$120	\$120	\$120	\$120	\$120
Pump Evaluation fee. For all permits that specify the use of a pump or dosing siphon except for sand filter, Alternative treatment technologies, Recirculating gravel filter, and pressurized distribution systems		\$77	\$77	\$77	\$77	\$77	\$77

**System Type Key:**

Type A = Gray Water waste disposal sumps

Type B = Holding tanks

Type C = Standard subsurface, Absorption trenches in saprolite, Redundant, Seepage trench, Steep slope

Type D = Alternative treatment technologies, Capping fill, Pressurized distribution, Tile dewatering

Type E = Recirculating gravel filter, Sand filter (commercial or residential)

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TABLE 9C  
ONSITE WASTEWATER TREATMENT SYSTEMS:  
OTHER PERMITTING FEES FOR SYSTEMS  
NOT SUBJECT TO WPCF PERMITS  
Effective August 1, 2024**

Fee Subject	Fee	Field Visit required	No Field Visit required
Minor Alteration Permit	\$318		
Major Alteration Permit	\$665		
Minor Repair Permit - Single Family Dwelling	\$308		
Major Repair Permit - Single Family Dwelling	\$644		
Minor Repair Permit - Commercial Facility	\$559		
Major Repair Permit - Commercial Facility	\$1,214		
Permit Denial Review	\$424		
Permit Transfer, Reinstatement, or Renewal		\$627	\$183
Authorization Notice		\$752	\$193
Authorization Notice Denial Review	\$771		
Renewal of hardship authorization for temporary dwelling		\$397	\$120
Alternative system inspection - Holding tanks	\$463		
Variance from onsite system rules	\$2,506		
Land use clearance	\$60		
Annual report evaluation - Holding tanks – hard copy submittal	\$36		
Annual report evaluation - Holding tanks – online submittal	\$30		
Alternative system inspection - Other alternative systems listed in Table 9B	\$636		

**OAR 340-071-0140  
TABLE 9C  
ONSITE WASTEWATER TREATMENT SYSTEMS:  
OTHER PERMITTING FEES FOR SYSTEMS  
NOT SUBJECT TO WPCF PERMITS**

Type	Fee	Field Visit required	No Field Visit required
Annual report evaluation - Sand filters, pressurized distribution systems, recirculating gravel filters, and alternative treatment technology – hard copy submittal	\$72		
Annual report evaluation - Sand filters, pressurized distribution systems, recirculating gravel filters, and alternative treatment technology – online submittal	\$60		



**OAR 340-071-0140**  
**TABLE 9D**  
**ONSITE WASTEWATER TREATMENT SYSTEMS**  
**WPCF PERMIT FEES**  
**Effective November 1, 2024**

	Application filing fee (all systems)	Permit processing fees for onsite systems with a design capacity of 1,200 gpd or less	Permit processing fees for onsite systems with a design capacity over 1,200 gpd
New application	\$126	\$1,025	\$5,125
Permit renewal (involving request for effluent limit modifications)	\$126	\$509	\$2,565
Permit renewal (without request for effluent limit modifications)	\$126	\$257	\$1,279
Permit modification (involving increase in effluent limitations)	\$126	\$509	\$2,565
Permit modification (not involving an increase in effluent limits)	\$126	\$382	\$1,279
<b>Plan Review fee</b>			
For commercial facilities with a design capacity less than 600 gpd	\$0		
For commercial facilities with a design capacity of 600 - 1,000 gpd	\$487		
For commercial facilities with a design capacity of 1,001 - 1,500 gpd	\$574		
For commercial facilities with a design capacity of 1,501 - 2,000 gpd	\$661		
For commercial facilities with a design capacity of 2,001 - 2,500 gpd	\$745		
For commercial facilities with a design capacity of 2,501 - 3,000 gpd	\$875		
For commercial facilities with a design capacity of 3,001 - 3,500 gpd	\$960		
For commercial facilities with a design capacity of 3,501 - 4,000 gpd	\$1,044		

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TABLE 9D  
ONSITE WASTEWATER TREATMENT SYSTEMS  
WPCF PERMIT FEES  
Effective November 1, 2024**

<b>Plan Review fee</b>	
For commercial facilities with a design capacity of 4,001 - 4,500 gpd	\$1,128
For commercial facilities with a design capacity of 4,501 - 5,000 gpd	\$1,216
Commercial facilities with a design capacity greater than 5,000 gpd	\$1,279
Single family dwelling	\$257
<b>Annual Compliance Determination fee</b>	
Onsite sewage lagoon with no discharge	\$1,535
Treatment Standard 1 or better systems with design capacities less than 2,500 gpd	\$640
Treatment Standard 1 or better systems with design capacities of 2,500 - 20,000 gpd	\$1,279
Holding tanks, if by the date specified by DEQ, the owner does not submit written certification to DEQ that the holding tank has been operated the previous calendar year in full compliance with the permit or that the previous year's service logs for the holding tanks are not available for inspection by the DEQ	\$509
Holding tanks, if by the date specified by DEQ, the owner submits written certification to DEQ that the holding tank has been operated the previous calendar year in full compliance with the permit and that the previous year's service	\$54
Other systems with design capacities less than 20,000 gpd	\$640
Other systems with design capacities 20,000 gpd or more	\$1,279

**OAR 340-071-0140**  
**TABLE 9E**  
**ONSITE WASTEWATER TREATMENT SYSTEMS**  
**SEWAGE DISPOSAL SERVICE LICENSE AND TRUCK**  
**INSPECTION FEES**  
**EFFECTIVE AUGUST 1, 2024**

New 3-year business license	\$512 per year
Renewal of business license	\$386 per year
Additional license fee for additional pumper vehicles	\$18 per vehicle
Transfer of or amendments to license	\$241
Reinstatement of suspended license	\$301
Pumper truck inspections - First vehicle, each inspection	\$120
Pumper truck inspections - Each additional vehicle, each inspection	\$60

**OAR 340-071-0140**  
**TABLE 9F**  
**ONSITE WASTEWATER TREATMENT SYSTEMS OTHER FEES**  
**Effective August 1, 2024**

Innovative or Alternative Technology Review	\$1,928
Alternative Technology Review (greater than 1,500 gpd)	\$3,856
Alternative Treatment Technology Annual Compliance Determination Fee (per listed model)	\$602
Material Plan Review	\$577
Department Surcharge	\$117