

Yamhill County

DEPARTMENT OF PLANNING AND DEVELOPMENT

400 NE BAKER STREET • McMINNVILLE, OREGON 97128

Phone: 503-434-7516 • Fax: 503-434-7544 • Internet Address: <https://www.co.yamhill.or.us/283/Planning-Development>

Alternative Treatment Technology (ATT) **Construction Installation Permit Application** **Instructions**

Items required to process your application:

1. Completed Application Form and Fee:

(OAR) 340-071-0160 does not allow Yamhill County to accept incomplete applications.

2. Signed Authorization for Agents to apply for permit, signed by owner.

The application form must be signed by the owner or the owner's "Authorized Representative".

3. Advanced Treatment Technology Unit (ATT) spec sheet for model to be installed.

4. Land Use Compatibility Statement: Must be signed by Yamhill County Planning Department.

5. Certified Installer:

ATT's must be installed in accordance with the manufacturer's instructions and DEQ rules. In addition to DEQ certification, the installer must be certified by the ATT manufacturer to install the system.

6. Proposed Plot Plan:

Draw a site plan with actual measurements that shows existing and proposed locations of all buildings, roads, driveways, property lines, easements, water sources, surface water bodies and other physical features. Show the exact location you propose to locate the septic tank, distribution box or drop boxes and disposal lines. The sanitarian has indicated area approved for drain field installation on the site evaluation for the property. Identify future repair drain field within the area(s) approved for drain field installation.

7. Service Contract:

The owner of an ATT system must maintain a contract with a maintenance provider certified by the manufacturer and DEQ to serve and maintain the onsite system. A service contract must be obtained before the system is installed and must be maintained until the system is decommissioned.

The service contract must provide the following:

A.) Provide for a minimum of 4 inspections and service visits by the maintenance provider scheduled once every 6 months over a 2 year period to inspect, adjust, and service the ATT. The contract must be renewed and an operation and maintenance contract must be carried for the life of the system.

B.) Provide for an ATT-effluent quality inspection.

C.) Include a clause stating that the maintenance provider will notify the system's owner in writing about any improper system function that cannot be fixed during the time of the inspection.

D.) Include the following:

Owners name and address

Property address

Tax Lot #

Permit Requirements

Contact information for the owner

Maintenance provider

County agent

Details of the service to be provided

Schedule of maintenance duties

Cost and length of service contract and time period covered

Details of any warranty

Owner's responsibilities

Refer to your Site Evaluation Report since it shows the approved disposal field location, the type of approved system and other construction details.

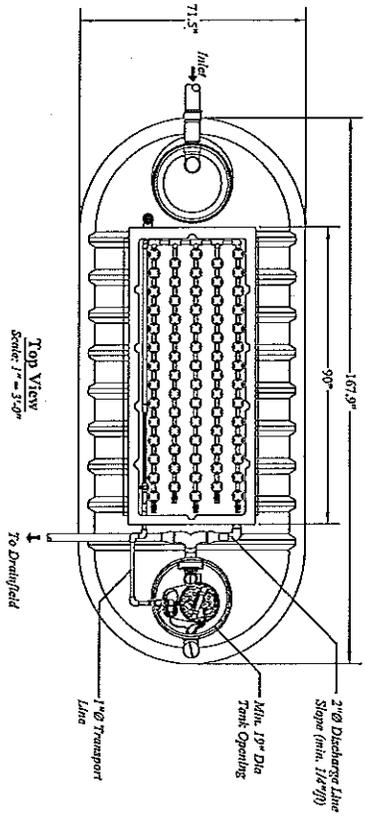
Submit the application, fee, and attachments to the address listed above. A permit will be issued when all documents have been reviewed and received. A Stake Out inspection may be required. Call the Yamhill County Department of Planning and Development if you have any questions.

Applications must have all required paperwork filled out and signed at time of submittal.

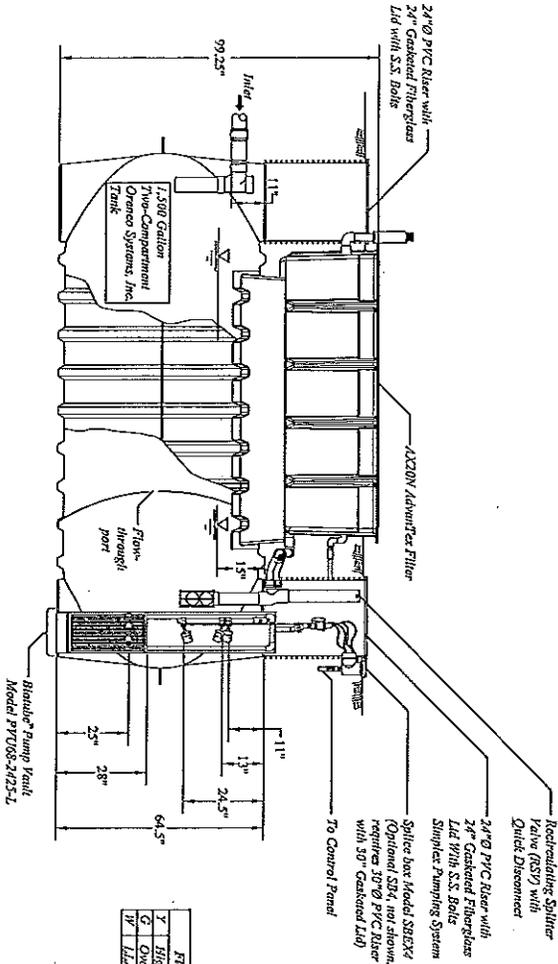
Yamhill County Department of Planning & Development
ON-SITE SEWAGE DISPOSAL FEES -- AUGUST 1, 2024

DESCRIPTION	Fee	Agency	Surcharge	Total
NEW SITE EVALUATIONS:				
RESIDENTIAL				
Site Evaluation - 1st lot	799		117.00	\$916
Site Evaluation - each additional	799		117.00	\$916
COMMERCIAL FACILITY SYSTEMS				
For 1st 1,000 gallons projected daily sewage flow	799		117.00	\$916
For each 500 gallon or part thereof above 1,000 gallons	195			\$195
CONSTRUCTION- INSTALLATION PERMITS:				
Standard On-Site System	891	54	117.00	\$1,062
ALTERNATIVE SYSTEMS				
Alternative Treatment Technologies (ATT)	1,249	54	117.00	\$1,420
Capping Fill	1,336	54	117.00	\$1,507
Disposal Trenches in Sapolite	891	54	117.00	\$1,062
Holding Tanks	989	54	117.00	\$1,160
Pressure Distribution	1,262	54	117.00	\$1,433
Recirculating Gravel Filters	1,649	54	117.00	\$1,820
Sand Filter	1,649	54	117.00	\$1,820
Steep Slope System	891	54	117.00	\$1,062
Tile Dewatering	1,200	54	117.00	\$1,371
All Pumps & Siphons	73			\$73
SYSTEMS GREATER THAN 1,000 GPD BUT LESS THAN 2,500 GPD				
For each 500 gallon or part thereof above 1,000 gpd, maximum of 2,500 gpd	114			\$114
<i>(Note: this fee is in addition to the construction installation permit)</i>				
ALTERATIONS				
Major (drainfield or tank and drainfield)	891	54	117.00	\$1,062
Minor (tank and/or tight-line only – plumbing permit may be required)	337	54	117.00	\$508
PERMIT RENEWAL, REINSTATEMENT OR TRANSFER				
Field visit required	596	54	117.00	\$767
Field visit not required	157	54	117.00	\$328
REPAIR PERMIT:				
Major (drainfield or tank and drainfield)	478	54	117.00	\$649
Minor (tank and/or tight-line only - plumbing permit may be required)	249	54	117.00	\$420
PLAN REVIEW FEE: (Commercial Only)				
1st 1,000 gallons	410			\$410
Over 1,000 gallon - Projected flow for each 500 gallon or part thereof	68			\$68
AUTHORIZATION:				
If field visit is required	553	54	117.00	\$724
If field visit is not required	154	54	117.00	\$325
New Temporary Hardship	308	54	117.00	\$479
Renewal of Temporary Hardship <i>(tank must be pumped every 4 years)</i>	170	54	117.00	\$341
EXISTING SYSTEM:				
Evaluation	454		117.00	\$571
ANNUAL EVALUATIONS				
INSPECTIONS				
Alternative Systems (ATT, sandfilters, recirculating gravel filters)	608			\$608
Holding Tanks	170			\$170
REPORTS				
Alternative Systems (ATT, sandfilters, recirculating gravel filters)	88			\$88
Holding Tanks	46			\$46
SEWAGE DISPOSAL SERVICE:				
Pump Truck Inspection - 1st	211			\$211
Pump Truck Inspection - each additional	107			\$107
OTHER FEES				
DEQ Surcharge				\$117
Agency Sign Off	54			\$54
Reinspection Fee – permits	244			\$244
Inspection - Consultation Fee	107			\$107

EXAMPLE ONLY



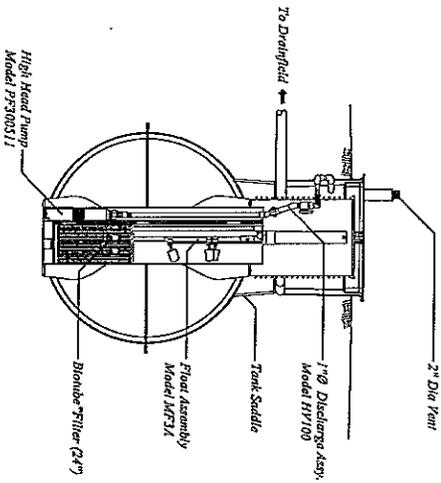
Top View
Scale: 1" = 3'-0"



Side View
Scale: 1" = 3'-0"

Float Functions	
Y	High Level Alarm
G	Override Timer ON/OFF
W	LA/RO

Approved by DEQ
9/14/2007



End View
Scale: 1" = 3'-0"

Design Notes	
Expected Flow	• Q _{max} = 500 gpd
	Up To 4 Bedrooms
Expected Influent Quality	Grease & Oil: 20 mg/L
	BOD: 150 mg/L
	TSS: 40 mg/L
	TKN: 63 mg/L
Typical Effluent Quality	BOD: <10 mg/L
	TSS: <10 mg/L
	TN: <25 mg/L

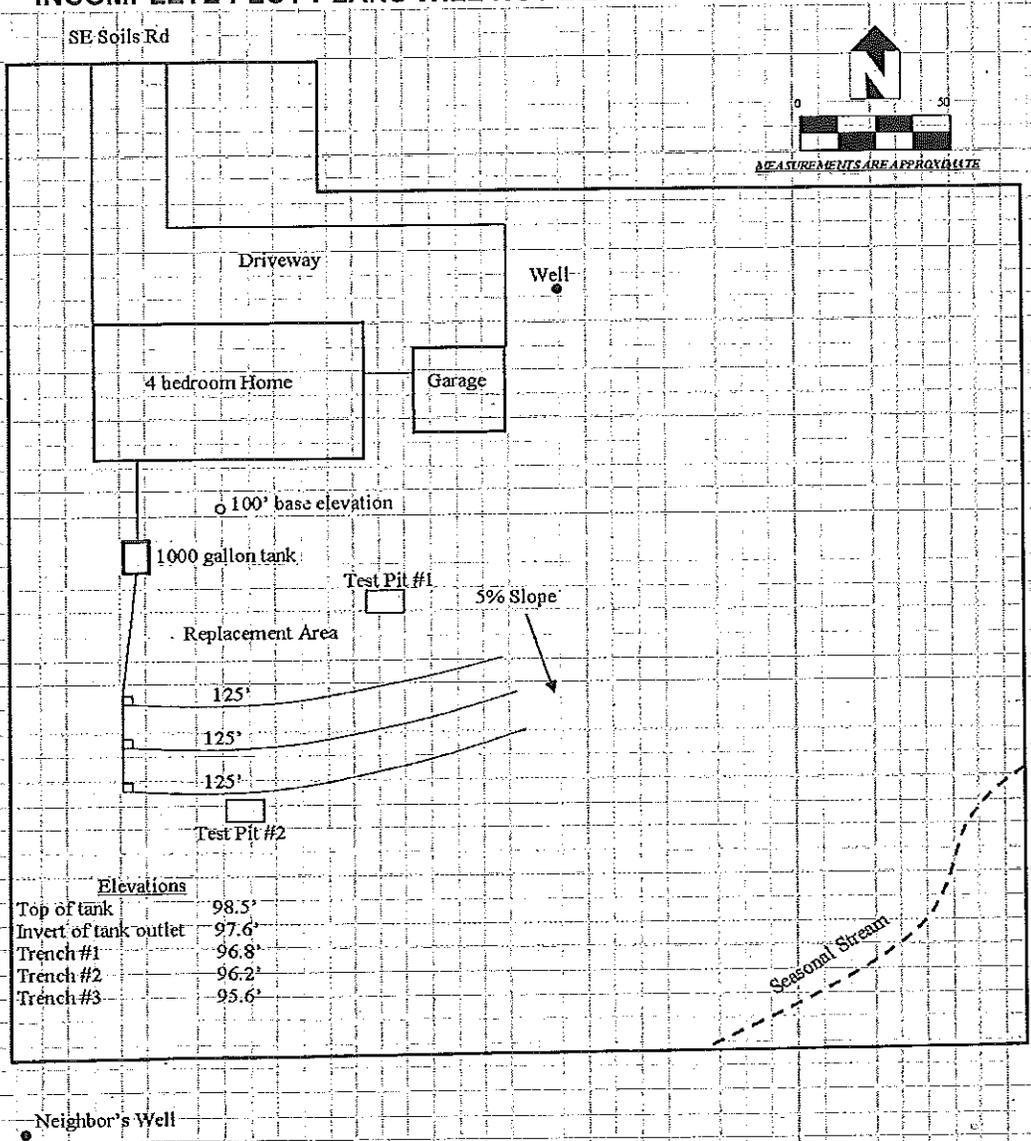
SEPTIC INSTALLATION PLOT PLAN REQUIREMENTS

As part of your application for a septic permit, you must submit a plot plan of your proposed septic installation. This plan must show all of the items listed below. You may use the reverse side of this form for your plan.

ITEMS THAT MUST BE ON THE PLOT PLAN:

1. Applicant's name and property address.
2. Legal description of the property (Township, Range, Section and Tax Lot).
3. Location of the approved test pits.
4. North Arrow and Scale.
5. Driveway (existing or proposed) location.
6. All relevant structures (existing or proposed) including dwellings and outbuildings.
7. Location of property lines and/or easement boundaries
8. Location of all creeks, streams, rivers, lakes, ponds, springs, or other drainage ways (if applicable)
9. Location of any existing or proposed wells within 200' of the septic system.
10. Location of the existing and/or proposed septic tank, sand filter, ATT, drainfield, and drainfield replacement area (as applicable).
11. Length of each drainline.
12. Approximate ground slope percent and direction.
13. Relative elevations for septic tank top, invert of septic tank outlet, top of ATT or Sand Filter (if applicable), elevation of the header pipe invert of each drain line, and any applicable components.
14. If your system includes a pump, provide pump calculations, pump curve, and a cross section of the dosing tank with float settings

INCOMPLETE PLOT PLANS WILL NOT BE RECEIVED OR PROCESSED.



Yamhill County

DEPARTMENT OF PLANNING AND DEVELOPMENT

525 NE 4TH STREET · McMinnville, Oregon 97128

Phone: (503) 434-7516 · Fax (503) 434-7544 · TTY: (800) 735-2900 ·

Internet Address: <http://www.co.yamhill.or.us/plan/>

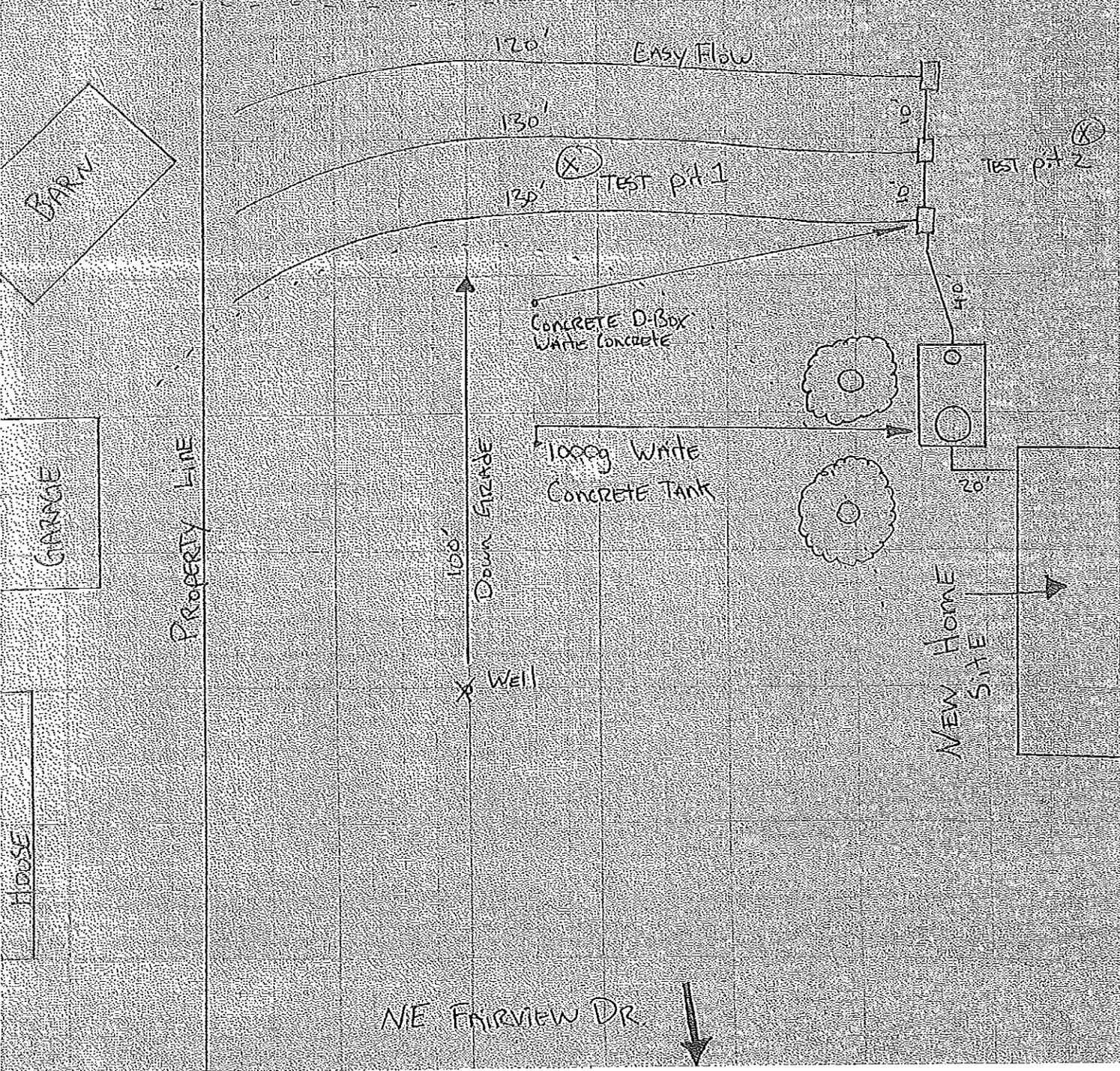
Plot Plan Check List

- North Arrow
- Test Pit locations
- Wells, for the parcel the system is going as well as neighbors wells.
- Water sources, creeks, springs, rivers, seasonal drainages,
- House location
- Septic tank location
- Property lines.
- Roads and driveways
- Drainlines, length of each line and distance from one line to the next.
- Drop boxes or distribution box
- Ground water interceptors and setbacks to drainlines (length of line and length of setback)
- Length of effluent line from tank to box
- Length of sewerline from house to tank.

Example

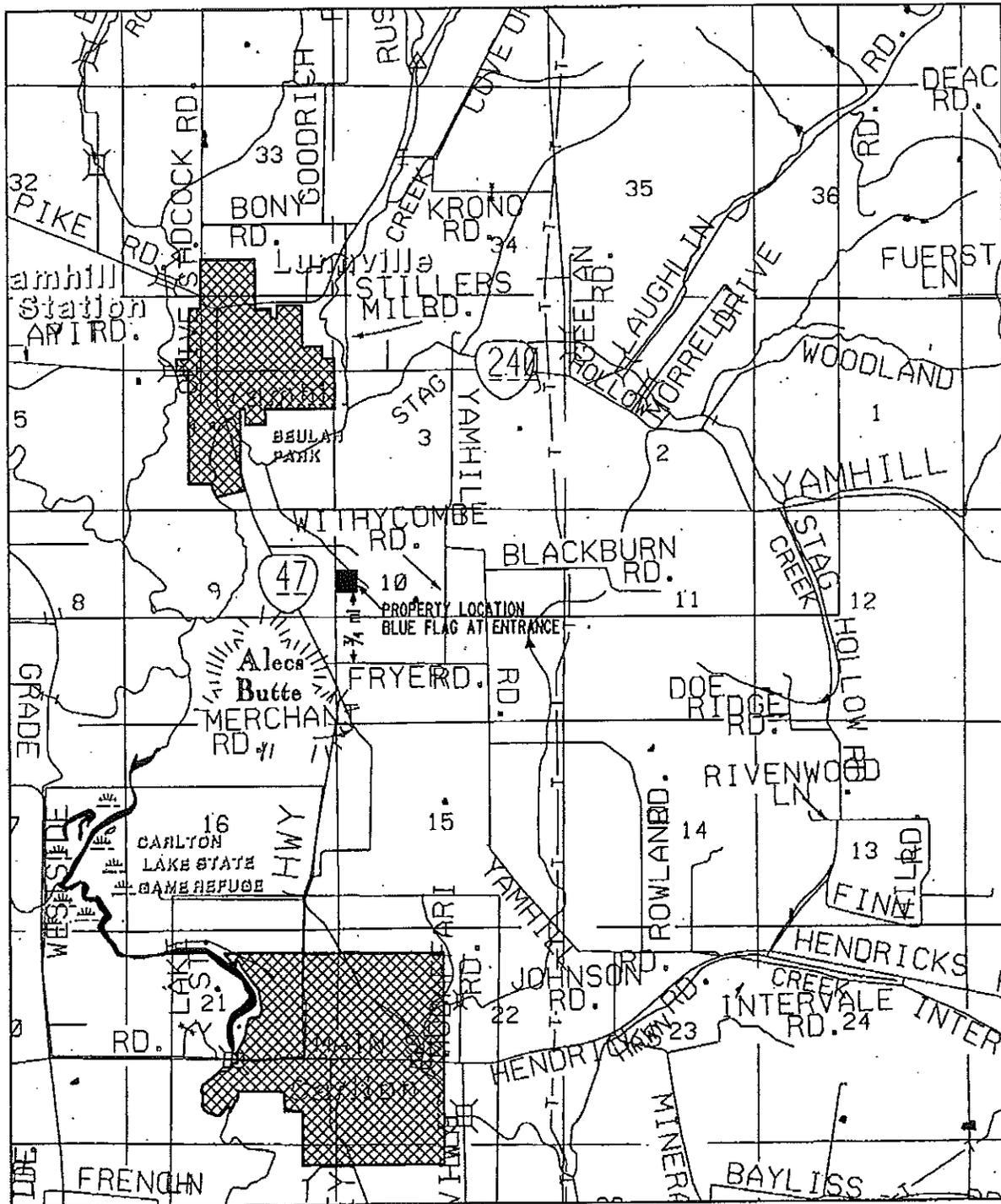


20-25% GRADE ↑





VICINITY MAP



Septic System Alternative Treatment Technologies



State of Oregon
Department of
Environmental
Quality

Background

Residences with septic systems typically use one of several septic technologies: standard, capping fill, pressure distribution or sand filter systems. However, alternatives to these systems do exist for homeowners that require the use of septic systems. Under Oregon Administrative Rules, Chapter 340 Division 71, these alternatives are classified as Alternative Treatment Technologies (ATTs). Several of these ATTs offer advantages over conventional septic systems and are worth considering.

What is an ATT?

Alternative Treatment Technologies are wastewater treatment devices. These treatment devices take wastewater generated from a home or business and improve its quality before sending it to a drainfield for further treatment and dispersal.

These systems are generally installed in place of a sand filter treatment system. An ATT can also be used instead of a standard system, which includes a septic tank and drainfield. ATT systems may include such features as blowers or motors to provide aeration or filters made of materials other than sand. Typically the systems are designed to perform as well as a sand filter or provide additional treatment capabilities.

Why would I want an ATT?

Many homeowners are interested in ATTs for their property because of aesthetic reasons. ATTs typically are installed entirely below the ground surface with access lids being the only visible feature. These access lids and the different materials and components used in the systems can make repairs easier and more cost effective than other systems. Moreover, due to the modular nature of many ATTs they are typically easy to install and may have a smaller footprint than conventional systems.

Also, some areas around the state are experiencing problems with water pollution resulting from high densities of septic systems. High levels of wastewater treatment may be required in these areas to correct or avoid the problem. Many types of ATTs can provide higher levels of treatment and thus be more effective than conventional septic systems in protecting water quality.

How do I know if I qualify for an ATT?

As with any septic system, you will be required to have a site evaluation performed on your property. Once the state or county

environmental health specialist has reviewed the site and soil conditions, they can determine what types of systems can be used on your property.

What are regulatory requirements for ATTs?

Oregon Department of Environmental Quality (DEQ) rules require that an Operation and Maintenance (O&M) service contract is established and continued for the life of the system. The homeowner has the option of obtaining special training on the O&M system from the manufacturer if they wish to perform the service themselves. In addition, the maintenance provider or homeowner must submit an O&M report annually with a \$50 fee to the appropriate permitting authority, either DEQ or local county (this fee may vary by county). Also, the system must be inspected any time the property sells, and the system's maintenance records must be available to potential buyers.

How do I get a permit for an ATT?

Once DEQ approves a particular ATT for use in Oregon, permits for ATTs are issued by the same authority that issues permits for conventional septic systems in your area. In most counties, the local county office will issue the permit. If the county does not issue septic system permits, then you need to contact the local DEQ office for the pertinent information on permit requirements, fees and procedures.

Are there potential problems associated with ATTs?

Yes. ATTs can provide a high level of treatment to wastewater but often use a complicated process that includes blowers, pumps and other devices that require periodic inspections and maintenance to ensure that the system works to the best level possible. Proper maintenance not only protects the environment but also protects the homeowner's investment in their property.

Preventive maintenance for septic systems also helps the homeowner avoid costly repairs. Proper O&M needs to occur for the life of the system. Just as with your car, a little preventive maintenance can greatly prolong the life of your ATT system. You will need to consider the requirement for an ongoing O&M contract with a certified maintenance provider when you decide on the type of system you want to serve your house.

How do I find a maintenance provider?

Each vendor or manufacturer of ATTs that distributes in Oregon must train local maintenance providers to ensure their systems receive the

Water Quality Onsite Program

Western Region Eugene

1102 Lincoln St., #210
Eugene, OR 97401
Phone: (541) 687-7425
Fax: (541) 686-7551
Toll Free: (800) 844-8467
Contact: Zach Loboy
www.oregon.gov/DEQ/

Western Region Roseburg

725 SE Main Street
Roseburg, OR 97470
Phone: (541) 440-3338
Fax: (541) 440-3396
Toll Free: (800) 452-4011

Western Region Grants Pass

510 NW 4th, Room 76
Grants Pass, OR 97526
Phone: (541) 471-2850
Fax: (541) 479-2764
Toll Free: (800) 452-4011

Eastern Region Bend

300 SE Reed Market Rd.
Bend, OR 97701
Phone: (541) 388-6146
Fax: (541) 388-8283
Toll Free: (866) 863-6668

Eastern Region Pendleton

700 SE Emigrant, Suite 330
Pendleton, OR 97801
Phone: (541) 276-4063
Fax: (541) 278-0168
Toll Free: (800)304-3513

DEQ HQ Portland

811 SW 6th Avenue
Portland, OR 97204
Phone: (503) 229-5696
Toll Free: (800) 452-4011
Fax: (503) 229-5850

appropriate maintenance. A list of qualified maintenance providers is available from the distributor of the system you purchase.

In addition, DEQ certifies maintenance providers to ensure that persons working on ATT systems are qualified. A list of certified maintenance providers is available on DEQ's website.

For more information

For program information, please contact the program coordinator at the number listed in the right column on the first page of this fact sheet.

Alternative formats

Alternative formats (Braille, large type) of this document can be made available. Contact DEQ's Office of Communications & Outreach, Portland, at (503) 229-5696, or call toll-free in Oregon at 1-800-452-4011, ext. 5696.



Licensed Alternative Treatment Installers

Yamhill County Area

Toney Excavation

(503) 864-4838

11130 SE Oak Dr
Dayton, OR 97114

Precision Excavating

(503) 868-7388

13640 NW Oak Rd
Salem, OR 97304

Keller Excavating

(503) 550-0511

7411 Eola Hills Rd
Amity, OR 97101

Cary Laughlin Excavating

(503) 550-1923

20005 Rosenbalm Rd
Sheridan, OR 97378

High Heaven Timberland Inc

(971) 261-9797

P.O. Box 57
McMinnville, OR 97128

David H. Schroeder

McMinnville, OR. 97128
Phone: (503) 804-6896
License# 39055

A Affordable Septic Service

(503) 682-1929

PO Box 818
Canby, OR 97013

Bell Construction

(503) 357-8892

47333 Carpenter Creek Rd
Forest Grove, OR 97116

American On-Site

(503) 538-8808

31881 S Hwy 213
Molalla, OR 97038

Ole Bergman Excavating, Inc.

(503) 510-9405

1901 S Church St
Dallas, OR 97338

Pihl Inc.

(503) 324-6210

41660 NW Sunset Hwy
Banks, OR 97106

Garber Excavating

(503) 623-0217

PO Box 1032
Dallas, OR 97338

Terry Vandergrift

(503) 434-0400

Amity, OR 97101

Lil' Stinky Environmental Service

(503) 829-8458

19631 S Kolar Dr
Oregon City, OR 97045

CAC Excavation Inc.

(503) 550-6408

9669 SE Wallace Rd
Dayton, OR 97114

On-Site Septic & Excavation

(503) 362-7000

PO Box 5241
Salem, OR 97304

John Kroo Construction

(503) 538-5301

P.O. Box 969
Newberg, Or 97132

David H. Schroeder

(503) 804-6898

Riverside Drive
McMinnville, OR 97128

Alternative Treatment Technology and Sand Filter
Maintenance Providers
Yamhill County Area

A & B Septic Service

(541) 924-0851

PO Box 444

Albany, OR 97321

Speedy Septic Service

(503) 663-2807

PO Box 1260

Boring, OR 97009

Mike Hamer, Inc.

(541) 928-5074

32948 Brewster Rd

Lebanon, OR 97355

American On-Site

(503)538-8808

31881 S Hwy 213

Molalla, OR 97038

Oregon Waste Water Service, Inc

(503) 819-5822

PO Box 65

Oregon City, OR 97045

Insight Sanitary Services

(503) 313-5462

37111 SE Palmire Ct

Hillboro, OR 97123

David H. Schroeder

(503) 804-6898

Riverside Drive

McMinnville, OR 97128