# *BROADWATER COUNTY SEPTIC REQUIREMENTS*

An application must be completed and a permit obtained prior to construction. Problems to look for when installing a septic system:

1. Adequate area to install a disposal field and replacement area.
2. Poor soil conditions (clay, bedrock less than 6 feet deep).
3. Seasonal high groundwater less than 6 feet deep.
4. Proximity to water sources (well, streams, irrigation ditches).
5. Buildings, utilities, driveways, etc.

## *TABLE I*

*Safe and Legal Distances*

| | SEPTIC TANK | DISPOSAL FIELD |
|---|---|---|
| Water Well | 50 feet | 100 feet |
| Stream or lake | 50 feet | 100 feet |
| Property line | 10 feet | 10 feet |
| Foundation wall | 10 feet | 10 feet |
| Water Lines | 10 feet | 10 feet |
| Groundwater | - | 4 feet |
| Roadcuts, cliffs, or banks | 10 feet | 25 feet |

## *TABLE II*

*Liquid Capacity for Residential Septic Tanks (Effluent Filter Required)*

| Number of Bedrooms | Gallons Required |
|---|---|
| 1, 2, or 3 | 1000 |
| 4 or 5 | 1500 |
| 6 or 7 | 2000 |

## *TABLE II*

Drain Field Requirements (Conventional Gravity Flow)

| | Minimum Requirements |
|---|---|
| Separation of lines | 7 feet (Center to Center) |
| Width of trenches | 24 inches (36" pressure dosed) |
| Depth to bottom of trench | 24-36 inches |
| Slope of Pipe in Drain field | Level |
| Slope of line from dwelling to tank | 1/4" per foot |
| Dwelling to Septic Tank | 10 feet minimum-4" Schedule 40 PVC pipe |
| Septic Tank to Distribution Box | 10 feet minimum-4" Schedule 40 PVC pipe |
| Distribution Box to Junction of Chambers | 5 feet minimum-4-inch PVC Pipe |
| Distribution Box | Must be level- Outlet Must be Lower than Inlet |

THE HEALTH DEPARTMENT MUST BE NOTIFIED NOT LESS THAN ONE BUSINESS DAY (24 HOURS) PRIOR TO COMPLETION