



STANDARD SYSTEM DESIGN INDIVIDUAL SEWAGE TREATMENT SYSTEM

WASHINGTON COUNTY PUBLIC HEALTH & ENVIRONMENT
14949 62ND STREET NORTH, P.O. BOX 6, STILLWATER, MN 55082-0006
651/430-6688 OR 651/430-6655 FAX 651/430-6730

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| Owner's Name <u>Sandy Daurette</u> | Geo Code |
| Job Site Address <u>2225 113th Street</u> | |
| City or Township <u>Cottage Grove</u> | |
| Use of Building <u>2-bedroom home</u> | |

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|---|--|------------------------------------|---------|
| Design Flow Rate <u>300</u> | Perc Rate <u>1.75</u> | Land Slope <u>10</u> | Percent |
| Two Required Tank Sizes <u>1000 Gallons</u> | <u>500 Gallons</u> | Lift Station Tank Size <u>1000</u> | Gallons |
| Type of System (standard, at grade, or rockless pipe add 20%) <u>standard or chambered</u> | | | |
| System Size: <u>500</u> -Square Feet | <u>167</u> -Linear Feet | <u>36"</u> -Trench Width | |
| Depth of rock below pipe <u>12"</u> | Depth of Rock Above Pipe <u>2</u> | | |
| MINimum Depth of Trench From Existing Grade <u>24</u> inches | MAXimum Depth of Trench From Existing Grade <u>34</u> inches | | |
| Recommended Number of Trenches <u>4</u> | Recommended Length of Trenches <u>42'</u> | | |
| Trench Spacing Measured Center to Center <u>7</u> | | | Feet |
| Any Other Special Conditions <u>chambers may be installed on a 1:1 basis with rock trench</u> | | | |

IF PRESSURE DISTRIBUTION IS USED, COMPLETE THE PRESSURE DISTRIBUTION WORK SHEET ATTACHED.

This design must be accompanied by a site plan that clearly shows the location of the area tested and approved by the following:

1. Use an appropriate scale and indicate direction by use of a north arrow.
2. Show ALL property boundaries, rights-of-way, easements, wetlands. If necessary, an enlarged detail of the house site may also be required.
3. Show location of house, garage, driveway and all other improvements existing or proposed.
4. Show location and layout of sewage treatment system.
5. Show location of water supply (well and/or community supply line).
6. Dimension all setbacks and separation distances.

This system has been designed by a Pollution Control Agency (PCA) Certified Professional.

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| Designer Name <u>Barry Brown</u> | PCA Certification # <u>1772</u> |
| Address <u>3044 Wood Lane Dr Woodbury MN 55095</u> | Phone # <u>651-735-7321</u> |
| Signature <u>Barry J Brown</u> | Date <u>7-26-03</u> |

An Equal Employment Opportunity/Affirmative Action Employer
If You Need Assistance Due to Disability or Language Barrier, Please Call 651/430-6708 OR 430-6656 (TDD) 651/439-3220