

Department of Health & Human Services  
Division of Environmental and Consumer Health Services



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**FORM 4**  
**GENERAL DESIGN DATA**

1. Volume of Sanitary Sewage, gal. \_\_\_\_\_ Garbage Disposal Unit- Yes No  
Residential: No. of Dwelling Units \_\_\_\_\_ Total No. of Bedrooms \_\_\_\_\_  
Commercial/Institutional—Indicate type of establishment and show method of calculation. If estimate is based on water meter data, indicate source of data, frequency of readings, average daily flow, and maximum recorded daily reading \_\_\_\_\_
2. Alterations or Repairs a) Reason for Alteration or Repair (Check appropriate categories):  
 Expansion or Change in Use  Upgrade Existing Facilities  Correct Malfunctioning System  
 Other—Specify \_\_\_\_\_ b) Describe Nature of Alteration or Repairs:  
\_\_\_\_\_
3. System Components:  
a) Grease Trap Capacity, gals \_\_\_\_\_ Show Calculation Used: \_\_\_\_\_  
b) Septic Tank Capacities, gals: \_\_\_\_\_ First (Single) Compartment \_\_\_\_\_  
Second Compartment \_\_\_\_\_ Third Compartment \_\_\_\_\_  
c) Effluent Distribution Method:  Gravity Flow  Gravity Dosing  Pressure Dosing  
Dosing Device:  Pump  Siphon  
d) Dosing Tank Capacities, gals: Total Capacity \_\_\_\_\_ Dose Volume(Vd) \_\_\_\_\_ Reserve Capacity \_\_\_\_\_  
e) Laterals: Number \_\_\_\_\_ Total Length, ft \_\_\_\_\_ Pipe Diameter, in \_\_\_\_\_ Spacing, ft \_\_\_\_\_  
f) Connecting Pipe: Diam., in \_\_\_\_\_ Length, ft \_\_\_\_\_ g) Manifold: Diam., in \_\_\_\_\_ Length, ft \_\_\_\_\_  
h) Disposal Field: Design Permeability (Percolation Rate) \_\_\_\_\_ Type of Installation- \_\_\_\_\_  
 Trenches: Width, ft \_\_\_\_\_ Total Length, ft \_\_\_\_\_  Bed: Area, sq ft \_\_\_\_\_  
i) Seepage Pits: Design Percolation Rate \_\_\_\_\_ Number of Pits \_\_\_\_\_  
Total Percolating Area Provided, sq ft \_\_\_\_\_
4. Attachments (Check items included):  General Plan of System Showing Location of All System Components  X-Sections of Each System Component Including Grease Trap, Septic Tank, Dosing Tank, Disposal Field, Seepage Pits and Interceptor Drains  Pump Performance Curve  
 "I" Map  
 Other—Specify \_\_\_\_\_
5. I hereby certify that the information furnished on Form 4 of this application (and attachments thereto) is true and accurate. I am aware that falsification of data is a violation of the Water Pollution Control Act (N.J.S.A. 58:10A-1 et seq.) and is subject to penalties as prescribed in N.J.A.C. 7:14-8.

Signature of Professional Engineer \_\_\_\_\_ Date \_\_\_\_/\_\_\_\_/\_\_\_\_