



*State of Idaho*

**Technical Guidance Manual**

**for Individual and Subsurface  
Sewage Disposal Systems**

Idaho Department of Environmental Quality



**Cover:** Imogene Lake, Sawtooth Mountains, Idaho. Photo by Joe Canning.

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# Table of Contents

<b>List of Tables</b> .....	<b>v</b>
<b>List of Figures</b> .....	<b>vii</b>
<b>List of Equations</b> .....	<b>viii</b>
<b>List of Acronyms, Abbreviations, and Symbols</b> .....	<b>ix</b>
<b>Chapter 1. Introduction</b> .....	<b>1-1</b>
1.1 The Technical Guidance Committee .....	1-1
1.2 The Individual and Subsurface Sewage Disposal Coordinator.....	1-1
1.3 Disclaimer .....	1-1
<b>Chapter 2. Soils and Ground Water</b> .....	<b>2-1</b>
2.1 Soils Texture and Group Determinations .....	2-1
2.2 Separation Guidelines.....	2-6
2.3 Standard Percolation Test .....	2-9
2.4 Evaluating Fill Material.....	2-10
2.5 Ground Water Level.....	2-11
2.6 Cutoff Trenches .....	2-13
2.7 Unstable Landforms.....	2-18
<b>Chapter 3. Standard Subsurface Disposal System Components</b> .....	<b>3-1</b>
3.1 Dimensional Requirements.....	3-1
3.2 Components of Standard Systems.....	3-2
<b>Chapter 4. Alternative Systems</b> .....	<b>4-1</b>
4.1 General Requirements.....	4-1
4.2 Non-Profit Corporations .....	4-2
4.3 Vested Rights/Non-Conforming Uses.....	4-4
4.4 Easement.....	4-5
4.5 Capping Fill Trench.....	4-5
4.6 Composting Toilet.....	4-7
4.7 Drip Distribution System.....	4-9
4.8 Evapotranspiration System .....	4-14
4.9 Experimental System .....	4-24
4.10 Extended Treatment Package System .....	4-25
4.11 Extra Drain Rock Trench.....	4-32
4.12 Gravelless Trench System.....	4-34
4.13 Gray Water Sump .....	4-34
4.14 Gray Water System.....	4-36
4.15 Holding Tank.....	4-42
4.16 Incinerator Toilets .....	4-42
4.17 Individual Lagoon .....	4-44
4.18 Pit Privy .....	4-46
4.19 Portable Sanitation Units .....	4-47
4.20 Pressure Distribution System.....	4-50
4.21 RV Dump Station .....	4-63
4.22 Recirculating Gravel Filter.....	4-64

4.23	Sand Filter - Intermittent .....	4-69
4.24	Sand Filter – In-Trench .....	4-71
4.25	Sand Mound.....	4-74
4.26	Seepage Pit.....	4-80
4.27	Steep Slope System.....	4-81
4.28	Two Cell Infiltrative System.....	4-82
4.29	Vault Privy .....	4-84
<b>Chapter 5. Approved Installers and Components .....</b>		<b>5-1</b>
5.1	Approved Installers .....	5-1
5.2	Approved Septic Tank Pumpers.....	5-2
5.3	Approved Septic Tanks.....	5-3
5.4	Extended Treatment Package Systems .....	5-12
5.5	Composting Toilets .....	5-16
5.6	Incinerating Toilets.....	5-17
5.7	Gravelless Trench Components .....	5-18
5.8	Septic Tank Pump Vaults .....	5-20
5.9	Septic Tank Effluent Filters.....	5-22
5.10	Pipe Materials for Specified Uses.....	5-24
5.11	Vault Toilets .....	5-25
<b>Chapter 6. Septic Tank Pumpers’ Guidance Manual.....</b>		<b>6-1</b>
6.1	Introduction .....	6-1
6.2	The Public Health Importance of Septage.....	6-1
6.3	Parts and Mechanics of a Sewage System .....	6-1
6.4	Checking the Level of Scum and Sludge .....	6-2
6.5	Practices of the Septic Tank Pumper .....	6-3
6.6	Disposal of Septage.....	6-5
<b>Chapter 7. Operation and Maintenance Guidance for Alternative Systems.....</b>		<b>7-1</b>
7.1	Extended Treatment Package System Operation and Maintenance .....	7-1
7.2	Lagoon Operation and Maintenance .....	7-1
7.3	Sand Filter Operation and Maintenance.....	7-1
7.4	Sand Mound Operation and Maintenance.....	7-2
7.5	Open Sewage Complaint Investigation Protocol .....	7-3
<b>Chapter 8. Rules, Codes, and Policy .....</b>		<b>8-1</b>
8.1	Individual/Subsurface Sewage Disposal Rules (IDAPA 58.01.03) .....	8-1
8.2	Rules Governing The Cleaning of Septic Tanks (IDAPA 58.01.15).....	8-27
8.3	Idaho Code Title 39, Chapter 1: Environmental Quality–Health .....	8-30
8.4	Idaho Code Title 39, Chapter 36: Water Quality .....	8-35
8.5	Idaho Code Title 50, Chapter 13: Plats and Vacations .....	8-39
8.6	Total Nitrogen Reduction Policy .....	8-44
<b>Glossary.....</b>		<b>Glossary-1</b>
<b>References.....</b>		<b>References-1</b>

## List of Tables

Table 2-1. Sizes of Mineral Soil and Rock Fragments .....	2-1
Table 2-2. Soil Textural Characteristics.....	2-2
Table 2-3. Soil Textural Proportions .....	2-3
Table 2-4. Soil Textural Classification Design Groups.....	2-5
Table 2-5. Modified ASTM C-33 Medium Sand Allowable Particle Size Percent Composition..	2-6
Table 2-6. USDA Test for Medium Sand.....	2-6
Table 2-7. Minimum Effective Soil Depth, in Feet, by Soil Design Subgroup to the Limiting Layer.....	2-7
Table 2-8. Effective Soil Depth, in Feet, to Impermeable Layers on Sloped Terrain.....	2-7
Table 2-9. Criteria for Reduction in Separation Distances to Permanent Water .....	2-8
Table 2-10. Percolation and Application Rates by Soil Type .....	2-9
Table 2-11. Natural Settling of Fill over a 10-Year Period.....	2-10
Table 2-12. Setbacks of Drain Field from Cutoff Trench Based on Percent Slope .....	2-14
Table 2-13. Descriptions and Characterizations of Different Unstable Landforms.....	2-18
Table 3-1. Constituent Mass Loadings and Concentrations in Typical Residential Wastewater .....	3-3
Table 3-2. Area Requirements and Total Trench Lengths for Standard Subsurface Sewage Disposal Systems.....	3-8
Table 4-1. Calculating Water Mass Balance for ET Systems .....	4-19
Table 4-2. Sample Water Mass Balance Calculations.....	4-23
Table 4-3. Percent Reduction of Standard Trench Length .....	4-32
Table 4-4. Gray Water Application Rates for Landscape Plants .....	4-37
Table 4-5. Sodium- and Chloride-Tolerant Plants.....	4-39
Table 4-6. Gray Water Mini-Leachfield Design Criteria.....	4-39
Table 4-7. Portable Units Required per Number of Workers .....	4-47
Table 4-8. Portable Unit Requirements for Number of People per Event Hours .....	4-48
Table 4-9. Lateral Sizing.....	4-52
Table 4-10. Manifold Sizing .....	4-53
Table 4-11. Friction Loss in Feet per 100 Feet (pipe diameter in inches) .....	4-55
Table 4-12. Pump Selection Considerations .....	4-57
Table 4-13. Minimum Dosing per Soil Type .....	4-58
Table 4-14. Gallons per Foot of Pipe Length .....	4-58
Table 4-15. Recirculating Gravel Filter Vertical Setback to Limiting Layers (ft).....	4-65
Table 4-16. Secondary Biological Treatment System Hydraulic Application Rates.....	4-66
Table 4-17. Intermittent Sand Filter Vertical Setback to Limiting Layers (ft).....	4-70
Table 4-18. Secondary Biological Treatment System Hydraulic Application Rates.....	4-70
Table 4-19. Minimum Depth of Natural Soil to Limiting Layer, in Feet.....	4-74
Table 4-20. Maximum Slope of Natural Ground.....	4-75
Table 4-21. Sample Sand Mound Design Checklist.....	4-78
Table 4-22. Sand Mound Design Checklist .....	4-79
Table 4-23. Effective Area of Seepage Pits .....	4-80
Table 4-24. Dike and Embankment Slope Minimums .....	4-83

Table 5-1. Approved Septic Tanks .....	5-3
Table 5-2. Extended Treatment Package Systems Certified by DEQ .....	5-12
Table 5-3. Composting toilets certified by DEQ.....	5-16
Table 5-4. Incinerating Toilets Certified by DEQ .....	5-17
Table 5-5. Gravelless Trench Components.....	5-18
Table 5-6. Trench and Product Width to Rating Correlation Table.....	5-19
Table 5-7. Septic Tank Pump Vaults Certified by DEQ.....	5-20
Table 5-8. Septic Tank Effluent Filters Certified by DEQ .....	5-22
Table 5-9. Pipe Materials for Specified Uses .....	5-24
Table 5-10. Vault Toilets .....	5-25
Table 8-1. Best Practical Methods for Onsite Wastewater Systems.....	8-44

## List of Figures

Figure 2-1. USDA Soil Textural Triangle .....	2-3
Figure 2-2. Shallow Ground Water Monitoring Well Design .....	2-12
Figure 2-3. Cutoff Trench Outfall .....	2-15
Figure 2-4. Cutoff Trench Side View .....	2-16
Figure 2-5. Cutoff Trench Plan View .....	2-17
Figure 2-6. Cross Section of an Unstable Landform .....	2-19
Figure 3-1. Dimensional Requirements for a Standard Drain Field .....	3-1
Figure 3-2. Cross-Sectional View of a Standard Drain Field and Trench Dimensional Requirements .....	3-2
Figure 3-3. Drop Box Detail .....	3-9
Figure 4-1. Cross-Sectional View of Capping Fill Trench .....	4-7
Figure 4-2. Overhead View of Typical Drip Distribution System .....	4-12
Figure 4-3. Overhead View of Filter, Valve, and Meter Assembly.....	4-13
Figure 4-4. Cross-Sectional View of Typical Filter, Valve, and Meter Assembly .....	4-13
Figure 4-5. Cross-Section of Evapotranspiration System .....	4-18
Figure 4-6. Two Examples of Properly Constructed Stand Pipes.....	4-19
Figure 4-7. ETPS Individual System Sampling Process .....	4-30
Figure 4-8. Operations and Maintenance Entity Reporting Process.....	4-31
Figure 4-9. Cross-Section of Standard Trench with Extra Drain Rock.....	4-33
Figure 4-10. Cross-section of Gray Water Sump System .....	4-35
Figure 4-11. Gray Water System (Single Tank Gravity).....	4-40
Figure 4-12. Gray Water System (Single Tank Pumped).....	4-41
Figure 4-13. Sizing Lateral Pipe Using Quarter-Inch Orifices .....	4-51
Figure 4-14. Example of Proper Pump Selection for Various Pump Curves .....	4-56
Figure 4-15. Dosing Chamber .....	4-59
Figure 4-16. Example of Float Configuration.....	4-60
Figure 4-17. Dosing Chamber Drywell.....	4-61
Figure 4-18. Example of Effluent Pump Installed into Single-Compartment Septic Tank .....	4-62
Figure 4-19. Two Examples of Recirculating Flow Splitters.....	4-66
Figure 4-20. Recirculating/Dose Tank .....	4-67
Figure 4-21. Cross-Section of Recirculating Gravel Filter System.....	4-68
Figure 4-22. Cross-Sectional View of Intermittent Sand Filter .....	4-71
Figure 4-23. In-Trench Sand Filter.....	4-73
Figure 4-24. Cross-Sectional View of Sand Mound .....	4-74
Figure 4-25. Illustration Used in Conjunction with Sand Mound Design Checklist for Flat and Sloped Sites .....	4-75
Figure 4-26. Illustration of Steep Slope Rise Over Run .....	4-81
Figure 4-27. Cross-Sectional and Overhead View of Two-Cell Infiltrative System.....	4-84
Figure 6-1. Components of a Standard Sewage System.....	6-1
Figure 6-2. Methods Used to Check Scum and Sludge Depth .....	6-3

## List of Equations

Equation 4-1. ET System Horizontal Area (square feet [ft <sup>2</sup> ]) .....	4-14
Equation 4-2. ET System Vertical Effluent Depth (ft <sup>2</sup> ) .....	4-15
Equation 4-3. Plant Water Efficiency Adjustment.....	4-15
Equation 4-4. ET System Monthly Storage Depth (ft) .....	4-16
Equation 4-5. ET System Cumulative Storage Depth (ft).....	4-16
Equation 4-6. ET System Saturated Bed Depth (ft) .....	4-16
Equation 4-7. Monthly Precipitation Contribution (Column A in Table 4-1).....	4-20
Equation 4-8. Cumulative Storage (Column E in Table 4-1) .....	4-22
Equation 4-9. Saturated Bed Depth (Column F in Table 4-1) .....	4-23
Equation 4-10. Percent of Standard Trench.....	4-32
Equation 4-11. Landscaped Area Needed for Gray Water Produced.....	4-37
Equation 4-12. Gallons per Week Needed for Irrigated Plants .....	4-37
Equation 4-13. Lagoon Horizontal Area, Square Feet (ft <sup>2</sup> ).....	4-44
Equation 4-14. Horizontal Area Factoring in BOD.....	4-45
Equation 4-15. Total Head.....	4-55
Equation 4-16. Effluent Application Area .....	4-76
Equation 6-1. Percent Sludge Depth .....	6-2

## List of Acronyms, Abbreviations, and Symbols

$<, \leq, >, \geq$	Less than, less than or equal to, greater than, greater than or equal to
$\Delta A$	change in area
ABS	acrylonitrile-butadiene-styrene
AR	aspect ration
ASTM	An international organization, originally known as the American Society for Testing and Materials, that sets voluntary standards for technical products, materials, systems, and services.
BOD	biological oxygen demand
CAP	corrective action plan
CBOD5	5-day carbonaceous biochemical oxygen demand
CFR	Code of Federal Regulations
cm	centimeters
Cu	coefficient of uniformity
DEQ	Idaho Department of Environmental Quality
EPA	U.S. Environmental Protection Agency
ET	evapotranspiration
ETPS	extended treatment package system
ETV	environmental technology verification
gal/cap/day	gallons per capita per day
GPD	gallons per day
GPM	gallons per minute
GPW	gallons per week

HDPE	high-density polyethylene
HRT	hydraulic residence time
IDAPA	A numbering designation for all administrative rules in Idaho promulgated in accordance with the Idaho Administrative Procedures act.
mg/L	milligrams per liter
mm	millimeters
MPC	monthly precipitation contribution
NFPA	National Fire Protection Association
NOV	notice of violation
NPDES	National Pollutant Discharge Elimination System
NRCS	Natural Resources Conservation Service
NSF	National Sanitary Foundation
O&M	operations and maintenance
PF	peaking factor
PSI	pounds per square inch
PVC	polyvinyl chloride
SI	International System of Units (from the French <i>le Système International d'Unités</i> )
TKN	total Kjeldahl nitrogen
TN	total nitrogen
TP	total phosphorus
TSS	total suspended solids
UPC	Uniform Plumbing Code
USDA	U.S. Department of Agriculture