



## INSTRUCTIONS FOR COMPLETING ACT 537 PLAN CONTENT AND ENVIRONMENTAL ASSESSMENT CHECKLIST

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### GENERAL INFORMATION

These instructions are designed to assist the applicant in completing the Act 537 Plan Content and Environmental Assessment Checklist.

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### APPLICANT IDENTIFIER

For purposes of identifying and tracking both planning and permit packages. Please be sure that the following information matches.

**NAMES.** Enter the municipality designated as the organization name required in Section B of the Permit Application – General Information form.

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### SUBMISSION IDENTIFIER

For the purpose of identifying the submission title, please enter the same document title in Section A of the Permit Application – General Information form and in the Title of Submission on the Act 537 Content and Environmental Assessment Checklist title page.

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### USING THE CHECKLIST

For specific details covering the Act 537 Planning Requirements, refer to Chapters 71 and 73 of the DEP's Regulations.

A copy of this completed checklist must be included with your Act 537 plan. The department will use the "DEP USE ONLY" column during the completeness evaluation of the plan. This column may also be used by DEP during the preplanning meeting with the municipality to identify planning elements which are not required to be included in the plan. All the planning elements required by DEP must be addressed in your plan or the plan will be returned as incomplete. The page number or other reference must be listed in column 1 of the checklist prior to plan submittal. If the municipality determines that any items listed in this checklist do not apply, or conditions stated in a certain part of this checklist do not exist in an area, a comment must be included in column 1 which states that the particular checklist item will have no impact on the plan or that it does not exist in the planning area. When information required as part of an official plan update revision has been developed separately or in a previous update revision, incorporate the information by reference to the planning document and page. Three copies of the completed plan with all attachments must be submitted to DEP.

The most recent version checklist is found in Appendix I of the current DEP publication "A Guide for Preparing Act 537 Update Revisions" 3620-BK-DEP1480 as published on the internet. Access the DEP website at <http://www.dep.state.pa.us> (Choose Information by Subject/Water Management/Sewage Planning).

Commonwealth of Pennsylvania  
Department of Environmental Protection  
Bureau of Water Quality Protection

## ACT 537 PLAN CONTENT AND ENVIRONMENTAL ASSESSMENT CHECKLIST

For specific details covering Act 537 planning requirements, refer to Chapters 71 and 73 of DEP's Regulations.

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Local Municipal Contact Official: Thomas Ernharth

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Consultant: RETTEW Associates, Inc.

Consultant's Telephone Number: (717) 394-3721

Consultant's Contact Person: Dan Becker, PE- Project Manager

Title of Submission: An Act 537 Sewage Facilities Plan for Penn Township, Lancaster County

Date Submitted: November 20, 2003

### About this checklist . . . . .

- \* DEP publication 3640-BK-DER1480 11/92, "A Guide For Preparing Act 537 Update Revisions -- November 1992", is obsolete. Do not use checklist pages from that publication.
- \* You must complete and attach this checklist when you submit the plan to the department for review and approval.
- \* This checklist is composed of two parts, one for Administrative Completeness and one for General Plan Content. A plan must be "administratively complete" in order to be formally reviewed and approved by the department. The General Plan Content checklist identifies each of the issues which must be addressed in your Act 537 Plan Update based on a pre-planning meeting between you and/or your consultant and the Department. The Administrative Completeness checklist is found on page 3. The General Content checklist is found on pages 4 through 14. PENNVEST funded or applicant plans must address planning requirements on page 15.
- \* You must use the right-hand column blanks in the checklist to identify the page in the plan on which each planning issue is found or reference a previously approved update or special study (title and page number).
- \* If you determine a planning issue is not applicable even though it was previously thought to be needed, please explain your decision within the text of the plan (or as a footnote) and indicate the page number where this documentation is found.
- \* After Municipal Adoption by Resolution, submit three copies of the plan, any attachments or addenda, and this checklist to the department.



## ADMINISTRATIVE COMPLETENESS CHECKLIST

DEP Use Only	Indicate Page #(s) In Plan	In addition to the main body of the plan, the plan must include items one through eight listed below to be accepted for formal review by the department. Incomplete Plans will be returned unless the municipality is clearly requesting an advisory review.
_____	<u><b>Table of Contents-1</b></u>  <u><b>P-1</b></u>	1. Table of Contents  2. Plan Summary
_____	<u><b>P-1</b></u>	A. Identify the proposed service areas and major problems evaluated in the plan. (Reference - Title 25, §71.21.a.7.i).
_____	<u><b>Plan Summary, 7-1 and 7-2</b></u>	B. Identify the alternative(s) chosen to solve the problems and serve the areas of need identified in the plan. Also, include any institutional arrangements necessary to implement the chosen alternative(s). (Reference Title 25 §71.21.a.7.ii).
_____	<u><b>Table 6-3</b></u>	C. Present the estimated cost of implementing the proposed alternative (including the user fees) and the proposed funding method to be used. (Reference Title 25, §71.21.a.7.ii).
_____	<u><b>7-4</b></u>	D. Identify the municipal commitments necessary to implement the Plan. (Reference Title 25, §71.21.a.7.iii).
_____	<u><b>P-1 and 8-1</b></u>	E. Provide a schedule of implementation for the project which identifies the MAJOR milestones with dates necessary to accomplish the project to the point of operational status. (Reference Title 25, § 71.21.a.7.iv).
_____	<u><b>X</b></u>	3. Original, signed and sealed Resolution of Adoption by the municipality which contains, at a minimum, alternatives chosen and a commitment to implement the Plan in accordance with the implementation schedule. (Reference Title 25, §71.31.f) Section V.F. of the Planning Guide.
_____	<u><b>Appendix C</b></u>	4. Evidence that the municipality has requested, reviewed and considered comments by appropriate official planning agencies of the municipality, planning agencies of the county, planning agencies with areawide jurisdiction (where applicable), and any existing county or joint county departments of health. (Reference-Title 25, §71.31.b) Section V.E.1 of the Planning Guide.
_____	<u><b>Appendix B</b></u>	5. Proof of Public Notice which documents the proposed plan adoption, plan summary, and the establishment and uncontested conduct of a 30 day comment period. (Reference-Title 25, §71.31.c) Section V.E.2 of the Planning Guide.
_____	<u><b>Appendix C</b></u>	6. Copies of ALL written comments received and municipal response to EACH comment in relation to the proposed plan. (Reference-Title 25, §71.31.c) Section V.E.2 of the Planning Guide.
_____	<u><b>8-1</b></u>	7. A complete project implementation schedule with milestone dates specific for each existing and future area of need. Other activities in the project implementation schedule should be indicated as occurring a finite number of days from a major milestone. (Reference-Title 25, §71.31.d) Section F of the Planning Guide. Include dates for the future initiation of feasibility evaluations in the project's implementation schedule for areas proposing completion of sewage facilities for planning periods in excess of five years. (Reference Title 25, §71.21.b).
_____	<u><b>Appendix C</b></u>	8. Documentation indicating that the appropriate agencies have received, reviewed and concurred with the method proposed to resolve identified inconsistencies within the proposed alternative and consistency requirements in 71.21.(a)(5)(i-iii). (Reference-Title 25, §71.31.e). Appendix B of the Planning Guide.

## GENERAL PLAN CONTENT CHECKLIST

DEP Use Only	Indicate Page #(s) in Plan	Item Required
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### I. Previous Wastewater Planning

#### A. Identify and briefly analyze all existing wastewater planning that:

_____	<u>1-1</u>	1. Has been previously undertaken under the Sewage Facilities Act (Act 537). (Reference-Act 537, Section 5 §d.1).
_____	<u>1-1</u>	2. Has not been carried out according to an approved implementation schedule contained in the plans. (Reference-Title 25, §71.21.a.5.i.A-D). Section V.F of the Planning Guide.
_____	<u>1-1</u>	3. Is anticipated or planned by applicable sewer authorities. (Reference-Title 25, §71.21.a.5.i.A). Section V.D. of the Planning Guide.
_____	<u>4-1</u>	4. Has been done through planning modules for new land development, planning “exemptions” and addenda. (Reference-Title 25, §71.21.a.5.i.A).

#### B. Identify and briefly summarize all municipal and county planning documents adopted pursuant to the Pennsylvania Municipalities Planning Code (Act 247) including:

_____	<u>1-3 to 1-6 and Map 2</u>	1. All land use plans and zoning maps which identify residential, commercial, industrial, agricultural, recreational and open space areas. (Reference-Title 25, §71.21.a.3.iv).
_____	<u>1-4 to 1-5</u>	2. Zoning or subdivision regulations that establish lot sizes predicated on sewage disposal methods. (Reference-Title 25 §71.21.a.3.iv).
_____	<u>1-5</u>	3. All limitations and plans related to floodplain and stormwater management and special protection (Ch. 93) areas. (Reference-Title 25 §71.21.a.3.iv) Appendix B, Section II.F of the Planning Guide.

### II. Physical and Demographic Analysis utilizing written description and mapping (All items listed below require maps, and all maps should show all current lots and structures and be of appropriate scale to clearly show significant information).

_____	<u>2-1</u>	A. Identification of planning area(s), municipal boundaries, Sewer Authority/Management Agency service area boundaries. (Reference-Title 25, §71.21.a.1.i).
_____	<u>2-1 to 2-3 and Map 3</u>	B. Identification of physical characteristics (streams, lakes, impoundments, natural conveyance, channels, drainage basins in the planning area). (Reference-Title 25, §71.21.a.1.ii).
_____	<u>2-3 to 2-4, 2-7 to 2-8 and Map 4 and 9</u>	C. Soils - Analysis with description by soil type and soils mapping. Show areas suitable for in-ground on-lot systems, elevated sand mounds, individual residential spray irrigation systems, and areas unsuitable for soil dependent systems. (Reference-Title 25, §71.21.a.1.iii). Show Prime Agricultural Soils and any locally protected agricultural soils. (Reference-Title 25, §71.21.a.1.iii).

<b>DEP Use Only</b>	<b>Plan Page No.</b>	<b>Item Required</b>
	<u><b>2-4 to 2-6 and Maps 5,6,7 and 8</b></u>	D. Geologic Features - (1) Identification through analysis, (2) mapping and (3) their relation to existing or potential nitrate-nitrogen pollution and drinking water sources. Include areas where existing nitrate-nitrogen levels are in excess of five mg/l. (Reference-Title 25, §71.21.a.1.iii).
	<u><b>2-1 and Map 4</b></u>	E. Topography - Depict slopes that are suitable for conventional systems; slopes that are suitable for elevated sand mounds; slopes that are unsuitable for on-lot systems. (Reference-Title 25, §71.21.a.1.ii).
	<u><b>2-4 to 2-6 and Map 6,7 and 8</b></u>	F. Potable Water Supplies - Identification through mapping, description and analysis to include available public water supply capacity and aquifer yield for groundwater supplies. (Reference-Title 25 §71.21.a.1.vi). Section V.C. of the Planning Guide.
	<u><b>2-2 and Map 3</b></u>	G. Wetlands-Identify wetlands as defined in Title 25, Chapter 105 by description, analysis and mapping. Include National Wetland Inventory mapping and potential wetland areas per USDA, SCS mapped hydric soils. Proposed collection, conveyance and treatment facilities and lines must be located and labeled, along with the identified wetlands, on the map. (Reference-Title 25, §71.21.a.1.v). Appendix B, Section II.I of the Planning Guide.

### **III. Existing Sewage Facilities in the Planning Area - Identifying the Existing Needs**

	A. Identify, map and describe municipal and non-municipal, individual and community sewerage systems in the planning area including:
<u><b>3-1 to 3-2</b></u>	1. Location, size and ownership of treatment facilities, main intercepting lines, pumping stations and force mains including their size, capacity, point of discharge. Also include the name of the receiving stream, drainage basin, and the facility's effluent discharge requirements. (Reference-Title 25, §71.21a.2.i.A).
<u><b>3-1</b></u>	2. A narrative and schematic diagram of the facility's basic treatment processes including the facility's NPDES permitted capacity, and the Clean Streams Law permit number. (Reference-Title 25, §71.21.a.2.i).
<u><b>3-1</b></u>	3. A description of problems with existing facilities (collection, conveyance and/or treatment), including existing or projected overload under Title 25, Chapter 94 (relating to municipal wasteload management) or violations of the NPDES permit, Clean Streams Law permit, or other permit, rule or regulation of the department. (Reference-Title 25, §71.21.a.2.i.B).
<u><b>3-1</b></u>	4. Details of scheduled or in-progress upgrading or expansion of treatment facilities and the anticipated completion date of the improvements. Discuss any remaining reserve capacity and the policy concerning the allocation of reserve capacity. Also discuss the compatibility of the rate of growth to existing and proposed wastewater treatment facilities. (Reference-Title 25, §71.21.a.4.i & ii).
<u><b>3-3 to 3-8 and Map 11</b></u>	5. A detailed description of operation and maintenance requirements of the municipality for on-lot systems and the status of past and present compliance with these requirements and any other requirements relating to sewage management programs. (Reference-Title 25, §71.21.a.2.i.C).
<u><b>3-2</b></u>	6. Disposal areas, if other than stream discharge, and any applicable groundwater limitations. (Reference-Title 25, §71.21.a.4.i & ii).

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		B. Using DEP's manual titled "Sewage Disposal Needs Identification Guidance," identify, map and describe areas that utilize individual and community on-lot sewage disposal and, unpermitted collection and disposal systems ("wildcat" sewers, borehole disposal, etc.) and retaining tank systems in the planning area including:
_____	<u>3-7 and Map 10 Appendix E</u>	1. The types of systems in use. (Reference-Title 25, §71.21.a.2.ii.A).
_____		2. A sanitary survey complete with a description of documented and potential public health pollution, and operational problems (including malfunctioning systems) with the systems, including violations of local ordinances, the Sewage Facilities Act, the Clean Stream Law or regulations promulgated thereunder. (Reference-Title 25, §71.21.a.2.ii.B).
_____	<u>3-7</u>	3. A comparison of the types of on-lot sewage systems installed in an area with the types of systems which are appropriate for the area according to soil, geologic conditions, topographic limitations sewage flows, and Title 25 Chapter 73 (relating to standards for sewage disposal facilities). (Reference-Title 25, §71.21.a.2.ii.C).
_____	<u>2-4 to 2-6 and Map 6, 7 and 8</u>	4. Individual water supplies survey to identify possible contamination by malfunctioning on-lot sewage disposal systems consistent with the DEP Sewage Disposal Needs Identification Guidance manual. (Reference-Title 25 §71.21.a.2.ii.B).
		C. Identify wastewater sludge and septage generation, transport and disposal methods. Include this information in the sewage facilities alternative analysis including:
_____	<u>3-9</u>	1. Location of sources of wastewater sludge or septage (Septic tanks, holding tanks, wastewater treatment facilities). (Reference-Title 25 §71.71).
_____	<u>3-9</u>	2. Quantities of the types of sludges or septage generated. (Reference-Title 25 §71.71).
_____	<u>3-9</u>	3. Present disposal methods, locations, capacities and transportation methods. (Reference-Title 25 §71.71).

#### **IV. Future Growth and Land Development**

A. Delineate and describe the following through map, text and analysis:

_____	<u>4-3 to 4-6 and Map 12</u>	1. Areas with existing development or plotted subdivisions. Include the name, location, description, total number of EDU's in development, total number of EDU's currently developed and total number of EDUs remaining to be developed (include time schedule for EDU's remaining to be developed). (Reference-Title 25, §71.21.a.3.i).
_____	<u>1-4 to 1-5 and Map 2</u>	2. Land use designations established under the Pennsylvania Municipalities Planning Code (35 P.S. 10101-11202), including residential, commercial and industrial areas. (Reference-Title 25, §71.21.a.3.ii). Include a comparison of proposed land use as allowed by zoning and existing sewage facility planning. (Reference-Title 25, §71.21.a.3.iv).
_____	<u>4-1 to 4-3</u>	3. Future growth areas with population and EDU projections for these areas using historical, current and future population figures and projections of the municipality. Discuss and evaluate discrepancies between local, county, state and federal projections as they relate to sewage facilities. (Reference-Title 25, §71.21.a.1.iv). (Reference-Title 25, §71.21.a.3.iii).

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<hr/>	<u>1-4 to 1-5 and Map 2</u>	4. Zoning, and/or subdivision regulations; local, county or regional comprehensive plans; and existing plans of a Commonwealth agency relating to the development, use and protection of land and water resources with special attention to: (Reference-Title 25, §71.21.a.3.iv).  --public ground/surface water supplies --recreational water use areas --groundwater recharge areas --industrial water use --wetlands
<hr/>	<u>7-1 to 7-2</u>	5. Sewage planning to provide adequate wastewater treatment for the municipality. This planning must be related to both the <u>five and ten year</u> future planning periods and be based on growth impacts on existing and proposed wastewater collection and treatment facilities. (Reference-Title 25, §71.21.a.3.v).
<b>V. Identify Alternatives to Provide New or Improved Wastewater Disposal Facilities</b>		
A. Conventional collection, conveyance, treatment and discharge alternatives including:		
<hr/>	<u>5-1 to 5-54 and Maps 13 to 29</u>	1. The potential for regional wastewater treatment. (Reference-Title 25, §71.21.a.4).
<hr/>	<u>5-1 to 5-54 and Maps 13 to 29</u>	2. The potential for extension of existing municipal or non-municipal sewage facilities to areas in need of new or improved sewage facilities. (Reference-Title 25, §71.21.a.4.i).
<hr/>	<u>5-1 to 5-2</u>	3. The potential for the continued use of existing municipal or non-municipal sewage facilities through one or more of the following: (Reference-Title 25, §71.21.a.4.ii).
<hr/>	<u>5-1 to 5-2</u>	a. Repair. (Reference-Title 25, §71.21.a.4.ii.A).
<hr/>	<u>5-1 to 5-2</u>	b. Upgrading. (Reference-Title 25, §71.21.a.4.ii.B).
<hr/>	<u>5-1 to 5-54 and Maps 13 to 29</u>	c. Reduction of hydraulic or organic loading to existing facilities. (Reference-Title 25, §71.71).
<hr/>	<u>5-1 to 5-54 and Maps 13 to 29</u>	d. Improved operation and maintenance. (Reference-Title 25, §71.21.a.4.ii.C).
<hr/>	<u>5-1 to 5-54 and Maps 13 to 29</u>	e. Other applicable actions that will resolve or abate the identified problems. (Reference-Title 25, §71.21.a.4.ii.D).
<hr/>	<u>5-48 to 5-49</u>	4. The need for construction of new community sewage systems including sewer systems and/or treatment facilities. (Reference-Title 25, §71.21.a.4.iii).
<hr/>	<u>5-1 to 5-54 and Maps 13 to 29</u>	5. Repair or replacement of collection and conveyance system components. (Reference-Title 25, §71.21.a.4.ii.A).
<hr/>	<u>5-49 to 5-54</u>	6. Use of innovative/alternative methods of collection/conveyance to serve needs areas using existing wastewater treatment facilities. (Reference-Title 25, §71.21.a.4.ii.B).

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		B. The use of individual sewage disposal systems including individual residential spray irrigation systems based on:
_____	<u>5-49 to 5-54</u>	1. Soil and slope suitability. (Reference-Title 25, 71.21.a.2.ii.C).
_____	<u>5-49 to 5-54</u>	2. Preliminary hydrogeologic evaluation. (Reference-Title 25, §71.21.a.2.ii.C).
_____	<u>5-52 to 5-53</u>	3. The establishment of a sewage management program. (Reference-Title 25, §71.21.a.4.iv). See also Part “F” below.
_____	<u>5-1</u>	4. The repair, replacement or upgrading of existing malfunctioning systems in areas suitable for on-lot disposal considering: (Reference-Title 25, §71.21.a.4).
_____	<u>5-1 to 5-54 and Maps 13 to 29</u>	a. Existing technology and sizing requirements of Title 25 Chapter 73. (Reference-Title 25, §73.31-73.72).
_____	<u>5-1 to 5-54 and Maps 13 to 29</u>	b. Use of expanded absorption areas or alternating absorption areas. (Reference-Title 25, §73.16).
_____	<u>5-1 to 5-54 and Maps 13 to 29</u>	c. Use of water conservation devices. (Reference-Title 25, §71.73.b.2.iii).
		C. The use of small flow sewage treatment facilities or package treatment facilities to serve individual homes or clusters of homes based on: (Reference-Title 25, §71.64.d).
_____	<u>5-52</u>	1. Treatment and discharge requirements. (Reference-Title 25, §71.64.d).
_____	<u>5-52</u>	2. Soil suitability. (Reference-Title 25, §71.64.c.1).
_____	<u>5-52</u>	3. Preliminary hydrogeologic evaluation. (Reference-Title 25, §71.64.c.2).
_____	<u>5-52</u>	4. Agency or other controls over operation and maintenance requirements. (Reference-Title 25, §71.64.d). See Part “F” below.
		D. The use of community land disposal alternatives including:
_____	<u>5-48 to 5-49</u>	1. Soil and site suitability. (Reference-Title 25, 71.21.a.2.ii.C).
_____	<u>5-48 to 5-49</u>	2. Preliminary hydrogeologic evaluation. (Reference-Title 25, 71.21.a.2.ii.C).
_____	<u>5-48 to 5-49</u>	3. Controls over operation and maintenance requirements through a Sewage Management Program (Reference-Title 25, 71.21.a.2.ii.C). See Part “F” below.
_____	<u>5-48 to 5-49</u>	4. The rehabilitation or replacement of existing malfunctioning community land disposal systems. (See Part V, B, 4, a, b, c above). See also Part “F” below.

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		E. The use of retaining tank alternatives on a temporary or permanent basis including: (Reference- Title 25, §71.21.a.4).
_____	<u>5-1 to 5-54 and Maps 13 to 29</u>	1. Commercial, residential and industrial use. (Reference-Title 25, §71.63.e).
_____	<u>5-1 to 5-54 and Maps 13 to 29</u>	2. Designated conveyance facilities (pumper trucks). (Reference-Title 25, §71.63.b.2).
_____	<u>5-1 to 5-54 and Maps 13 to 29</u>	3. Designated treatment facilities or disposal site. (Reference-Title 25, 71.63.b.2).
_____	<u>5-1 to 5-54 and Maps 13 to 29</u>	4. Implementation of a retaining tank ordinance by the municipality. (Reference-Title 25, §71.63.b.2). See Part “F” below.
_____	<u>5-1 to 5-54 and Maps 13 to 29</u>	5. Financial guarantees when retaining tanks are used as an interim sewage disposal measure. (Reference-Title 25, §71.63.c.2).
		F. Sewage management programs to assure the future operation and maintenance of existing and proposed sewage facilities through:
_____	<u>5-52 to 5-53</u>	1. Municipal ownership or control over the operation and maintenance of individual on-lot sewage disposal systems, small flow treatment facilities, or other traditionally non-municipal treatment facilities. (Reference-Title 25, §71.21.a.4.iv).
_____	<u>5-52 to 5-53</u>	2. Required inspection of sewage disposal systems on a schedule established by the municipality. (Reference-Title 25, §71.73.b.1.).
_____	<u>5-52 to 5-53</u>	3. Required maintenance of sewage disposal systems including septic and aerobic treatment tanks and other system components on a schedule established by the municipality. (Reference-Title 25, §71.73.b.2).
_____	<u>5-52 to 5-53</u>	4. Repair, replacement or upgrading of malfunctioning on-lot sewage systems. (Reference-Title 25, §71.21.a.4.iv) through: <ul style="list-style-type: none"> <li>a. Aggressive pro-active enforcement of ordinances which require operation and maintenance and prohibit malfunctioning systems. (Reference-Title 25, §71.73.b.5).</li> <li>b. Public education programs to encourage proper operation and maintenance and repair of sewage disposal systems.</li> </ul>
_____	<u>5-1 to 5-54 and Maps 13 to 29</u>	5. Establishment of joint municipal sewage management programs. (Reference-Title 25, §71.73.b.8).
_____	<u>5-1 to 5-54 and Maps 13 to 29</u>	6. Requirements for bonding, escrow accounts, management agencies or associations to assure operation and maintenance for non-municipal facilities. (Reference-Title 25, §71.71).

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		G. Non-structural comprehensive planning alternatives that can be undertaken to assist in meeting existing and future sewage disposal needs including: (Reference-Title 25, §71.21.a.4).
		1. Modification of existing comprehensive plans involving:
<u>5-53</u>		a. Land use designations. (Reference-Title 25, §71.21.a.4).
<u>5-53</u>		b. Densities. (Reference-Title 25, §71.21.a.4).
<u>5-53</u>		c. Municipal ordinances and regulations. (Reference-Title 25, §71.21.a.4).
<u>5-53</u>		d. Improved enforcement. (Reference-Title 25, §71.21.a.4).
<u>5-53</u>		e. Protection of drinking water sources. (Reference-Title 25, §71.21.a.4).
<u>5-53</u>		2. Consideration of a local comprehensive plan to assist in producing sound economic and consistent land development. (Reference-Title 25, §71.21.a.4).
<u>5-53</u>		3. Alternatives for creating or changing municipal subdivision regulations to assure long-term use of on-site sewage disposal which consider lot sizes and protection of replacement areas. (Reference-Title 25, §71.21.a.4).
<u>5-1 to 5-2</u>		4. Evaluation of existing local agency programs and the need for technical or administrative training. (Reference-Title 25, §71.21.a.4).
		H. A no-action alternative which includes discussion of both short-term and long-term impacts on: (Reference-Title 25, §71.21.a.4).
<u>5-1 to 5-2</u>		1. Water Quality/Public Health. (Reference-Title 25, §71.21.a.4).
<u>5-1 to 5-2</u>		2. Growth potential (residential, commercial, industrial). (Reference-Title 25, 71.21.a.4).
<u>5-1 to 5-2</u>		3. Community economic conditions. (Reference-Title 25, 71.21.a.4).
<u>5-1 to 5-2</u>		4. Recreational opportunities. (Reference-Title 25, §71.21.a.4).
<u>5-1 to 5-2</u>		5. Drinking water sources. (Reference-Title 25, §71.21.a.4).
<u>5-1 to 5-2</u>		6. Other environmental concerns. (Reference-Title 25, 71.21.a.4).
<b>VI. Evaluation of Alternatives</b>		
		A. Technically feasible alternatives identified in Section V of this check-list must be evaluated for consistency with respect to the following: (Reference-Title 25, §71.21.a.5.i.A).
<u>6-1</u>		1. Applicable plans developed and approved under Sections 4 and 5 of the Clean Streams Law or Section 208 of the Clean Water Act (33 U.S.C.A. 1288). (Reference-Title 25, §71.21.a.5.i.A). Appendix B, Section II.A of the Planning Guide.



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	<u><b>6-1</b></u>	2. Municipal wasteload management plans developed under PA Code, Title 25, Chapter 94. (Reference-Title 25, §71.21.a.5.i.B). The municipality's recent Wasteload Management (Chapter 94) Reports should be examined to determine if the proposed alternative is consistent with the recommendations and findings of the report. Appendix B, Section II.B of the Planning Guide.
	<u><b>6-1</b></u>	3. Plans developed under Title II of the Clean Water Act (33 U.S.C.A. 1281-1299) or Titles II and VI of the Water Quality Act of 1987 (33 U.S.C.A 1251-1376). (Reference-Title 25, §71.21.a.5.i.C). Appendix B, Section II.E of the Planning Guide.
	<u><b>6-1</b></u>	4. Comprehensive plans developed under the Pennsylvania Municipalities Planning Code. (Reference-Title 25, §71.21.a.5.i.D). The municipality's comprehensive plan must be examined to assure that the proposed wastewater disposal alternative is consistent with land use and all other requirements stated in the comprehensive plan. Appendix B, Section II.D of the Planning Guide.
	<u><b>6-2</b></u>	5. Antidegradation requirements as contained in PA Code, Title 25, Chapters 93, 95 and 102 (relating to water quality standards, wastewater treatment requirements and erosion control) and the Clean Water Act. (Reference-Title 25, §71.21.a.5.i.E). Appendix B, Section II.F of the Planning Guide.
	<u><b>6-1</b></u>	6. State Water Plans developed under the Water Resources Planning Act (42 U.S.C.A. 1962-1962 d-18). (Reference-Title 25, §71.21.a.5.i.F). Appendix B, Section II.C of the Planning Guide.
	<u><b>6-3</b></u>	7. Pennsylvania Prime Agricultural Land Policy contained in Title 4 of the Pennsylvania Code, Chapter 7, Subchapter W. Provide narrative on local municipal policy and an overlay map on prime agricultural soils. (Reference-Title 25, §71.21.a.5.i.G). Appendix B, Section II.G of the Planning Guide.
	<u><b>6-3</b></u>	8. County Stormwater Management Plans approved by DEP under the Storm Water Management Act (32 P.S. 680.1-680.17). (Reference-Title 25, §71.21.a.5.i.H). Conflicts created by the implementation of the proposed wastewater alternative and the existing recommendations for the management of stormwater in the county Stormwater Management Plan must be evaluated and mitigated. If no plan exists, no conflict exists. Appendix B, Section II.H of the Planning Guide.
	<u><b>6-3</b></u>	9. Using wetland mapping developed under Section II.A.7, identify and discuss mitigative measures including the need to obtain permits for any encroachments on wetlands from the construction or operation of any proposed wastewater facilities. Appendix B, Section II.I of the Planning Guide.
	<u><b>6-3 and Appendix A</b></u>	10. Protection of rare, endangered or threatened plant and animal species as identified by the Pennsylvania Natural Diversity Inventory (PNDI). (Reference-Title 25, §71.21.a.5.i.J). Provide the department with a copy of the completed Request For PNDI Search document. Also <u>provide a copy of the response letter from the Department of Conservation and Natural Resources' Bureau of Forestry regarding the findings of the PNDI search.</u> Appendix B, II.J.

<b>DEP Use Only</b>	<b>Plan Page No.</b>	<b>Item Required</b>
	<b><u>6-3 and Appendix A</u></b>	11. Historical and archaeological resource protection under P.C.S. Title 37, Section 507 relating to cooperation by public officials with the Pennsylvania Historical and Museum Commission. (Reference-Title 25, §71.21.a.5.i.K). Provide the department with a completed copy of a Cultural Resource Notice request to the Bureau of Historic Preservation (BHP) to provide a listing of known historical sites and potential impacts on known archaeological and historical sites. <u>Also provide a copy of the response letter from the BHP.</u> Appendix B, Section II.K of the Planning Guide.
	<b><u>6-1 to 6-2</u></b>	B. Provide for the resolution of any inconsistencies in any of the points identified in Section VI.A. of this checklist by submitting a letter from the appropriate agency stating that the agency has received, reviewed and concurred with the resolution of identified inconsistencies. (Reference-Title 25, §71.21.a.5.ii). Appendix B of the Planning Guide.
	<b><u>6-10 to 6-18</u></b>	C. Evaluate alternatives identified in Section V of this checklist with respect to applicable water quality standards, effluent limitations or other technical, legislative or legal requirements. (Reference-Title 25, §71.21.a.5.iii).
	<b><u>Table 6-3</u></b>	D. Provide cost estimates using present worth analysis for construction, financing, on going administration, operation and maintenance and user fees for alternatives identified in Section V of this checklist. Estimates shall be limited to areas identified in the plan as needing improved sewage facilities within five years from the date of plan submission. (Reference-Title 25, §71.21.a.5.iv).
	<b><u>6-5 to 6-9</u></b>	E. Provide an analysis of the funding methods available to finance the proposed alternatives evaluated in Section V of this checklist. Also provide documentation to demonstrate which alternative and financing scheme combination is the most cost-effective; and a contingency financial plan to be used if the preferred method of financing cannot be implemented. The funding analysis shall be limited to areas identified in the plan as needing improved sewage facilities within five years from the date of the plan submission. (Reference-Title 25, §71.21.a.5.v).
		F. Analyze the need for immediate or phased implementation of each alternative proposed in Section V of this checklist including: (Reference-Title 25, §71.21.a.5.vi).
	<b><u>6-1 to 6-18</u></b>	1. A description of any activities necessary to abate critical public health hazards pending completion of sewage facilities or implementation of sewage management programs. (Reference-Title 25, §71.21.a.5.vi.A).
	<b><u>6-1 to 6-18</u></b>	2. A description of the advantages, if any, in phasing construction of the facilities or implementation of a sewage management program justifying time schedules for each phase. (Reference-Title 25, §71.21.a.5.vi.B).
	<b><u>6-1 to 6-18</u></b>	G. Evaluate administrative organizations and legal authority necessary for plan implementation. (Reference - Title 25, §71.21.a.5.vi.D.).

<b>DEP Use Only</b>	<b>Plan Page No.</b>	<b>Item Required</b>
		<b>VII. Institutional Evaluation</b>
		A. Provide an analysis of all existing wastewater treatment authorities, their past actions and present performance including:
	<u>6-10 to 6-18</u>	1. Financial and debt status. (Reference-Title 25, §71.61.d.2).
	<u>6-1 to 6-18</u>	2. Available staff and administrative resources. (Reference-Title 25, §71.61.d.2).
		3. Existing legal authority to:
	<u>6-1 to 6-18</u>	a. Implement wastewater planning recommendations. (Reference-Title 25, §71.61.d.2).
	<u>6-1 to 6-18</u>	b. Implement system-wide operation and maintenance activities. (Reference-Title 25, §71.61.d.2).
	<u>6-1 to 6-18</u>	c. Set user fees and take purchasing actions. (Reference-Title 25, §71.61.d.2).
	<u>6-1 to 6-18</u>	d. Take enforcement actions against ordinance violators. (Reference-Title 25, §71.61.d.2).
	<u>6-1 to 6-18</u>	e. Negotiate agreements with other parties. (Reference-Title 25, §71.61.d.2).
	<u>6-1 to 6-18</u>	f. Raise capital for construction and operation and maintenance of facilities. (Reference-Title 25, §71.61.d.2).
	<u>7-1 to 7-3</u>	B. Provide an analysis and description of the various institutional alternatives necessary to implement the proposed technical alternatives including:
	<u>7-1 to 7-3</u>	1. Need for new municipal departments or municipal authorities. (Reference-Title 25, §71.61.d.2).
	<u>7-1 to 7-3</u>	2. Functions of existing and proposed organizations (sewer authorities, on-lot maintenance agencies, etc.). (Reference-Title 25, §71.61.d.2).
	<u>7-1 to 7-3</u>	3. Cost of administration, implementability, and the capability of the authority/agency to react to future needs. (Reference-Title 25, §71.61.d.2).
		C. Describe all necessary administrative and legal activities to be completed and adopted to ensure the implementation of the recommended alternative including:
<u>        </u>	<u>7-1 to 7-3</u>	1. Incorporation of authorities or agencies. (Reference-Title 25, §71.61.d.2).
<u>        </u>	<u>7-1 to 7-3</u>	2. Development of all required ordinances, regulations, standards and inter-municipal agreements. (Reference-Title 25, §71.61.d.2).
<u>        </u>	<u>7-1 to 7-3</u>	3. Description of activities to provide rights-of-way, easements and land transfers. (Reference-Title 25, §71.61.d.2).
<u>        </u>	<u>7-1 to 7-3</u>	4. Adoption of other municipal sewage facilities plans. (Reference-Title 25, §71.61.d.2).
<u>        </u>	<u>7-1 to 7-3</u>	5. Any other legal documents. (Reference-Title 25, §71.61.d.2).
<u>        </u>	<u>7-1 to 7-3</u>	6. Dates or timeframes for items 1-5 above on the project's implementation schedule.

<b>DEP Use Only</b>	<b>Plan Page No.</b>	<b>Item Required</b>
<hr/>	<b><u>7-1 to 7-3</u></b>	D. Identify the proposed institutional alternative for implementing the chosen technical wastewater disposal alternative. Provide justification for choosing the specific institutional alternative considering administrative issues, organizational needs and enabling legal authority. (Reference-Title 25, §71.61.d.2).
<b>VIII. Justification for Selected Technical &amp; Institutional Alternatives</b>		
<hr/>	<b><u>Chapter 7</u></b>	A. Identify the technical wastewater disposal alternative which best meets the wastewater treatment needs of each study area of the municipality. Justify the choice by providing documentation which shows that it is the best alternative based on:
<hr/>	<b><u>Chapter 7</u></b>	1. Existing wastewater disposal needs. (Reference-Title 25, §71.21.a.6).
<hr/>	<b><u>Chapter 7</u></b>	2. Future wastewater disposal needs. (5 and 10 years growth areas). (Reference-Title 25, §71.21.a.6).
<hr/>	<b><u>Chapter 7</u></b>	3. Operation and maintenance considerations. (Reference-Title 25, §71.21.a.6).
<hr/>	<b><u>Chapter 7</u></b>	4. Cost-effectiveness. (Reference-Title 25, §71.21.a.6).
<hr/>	<b><u>Chapter 7</u></b>	5. Available management and administrative systems. (Reference-Title 25, §71.21.a.6).
<hr/>	<b><u>Chapter 7</u></b>	6. Available financing methods. (Reference-Title 25, §71.21.a.6).
<hr/>	<b><u>Chapter 7</u></b>	7. Environmental soundness and compliance with natural resource planning and preservation programs. (Reference-Title 25, §71.21.a.6).
<hr/>	<b><u>Chapter 7</u></b>	B. Designate and describe the capital financing plan chosen to implement the selected alternative(s). Designate and describe the chosen back-up financing plan.

## ADDITIONAL REQUIREMENTS FOR PENNVEST PROJECTS

Municipalities that propose to implement their official sewage facilities plan updates with PENNVEST funds must meet six additional requirements to be eligible for such funds. See Appendix N for greater detail. Contact the DEP regional office serving your county listed in Appendix J.

DEP Use Only	Plan Page No.	Item Required
_____	<b><u>Chapter 2</u></b>	<p>1. Environmental Impact Assessment. (Planning Phase).</p> <p>Items a, b, c, e and g of the Environmental Impact Assessment requirement are eligible for Act 537 grant participation to the extent of identification of a <u>potential</u> impact. Studies required to determine impact, to mitigate impact and to obtain permits are not eligible for Act 537 grant participation. Such studies may be eligible for PENNVEST funding. Items d, f, h, i, j, k and l are not required by Chapter 71, but may be eligible for Act 537 grant participation when required for DEP approval of sewage facilities plan update revision.</p> <ul style="list-style-type: none"> <li>a. Historical and Archaeological Sites</li> <li>b. Wetlands</li> <li>c. Endangered and Protected Species</li> <li>d. Air Quality</li> <li>e. Floodplains</li> <li>f. Fish and Wildlife</li> <li>g. Agricultural Lands</li> <li>h. Wild and Scenic Rivers</li> <li>i. Coastal Zone Management</li> <li>j. Socio-Economic Impacts</li> <li>k. Water Supplies</li> <li>l. Other Environmentally Sensitive Areas</li> </ul>
_____	<b><u>Chapter 6</u></b>	<p>2. Cost Effectiveness. (Planning Phase)</p> <p>3. Second Opinion Project Review. (Design Phase)</p> <p>4. Minority Business Enterprise/Women's Business Enterprise. (Construction Phase)</p> <p>5. Civil Rights. (Construction Phase)</p> <p>6. Initiation of Operation/Performance Certification. (Post-construction Phase)</p>
_____		
_____		
_____		
_____		

## **I / A TECHNOLOGIES**

### **PARTIAL LISTING OF INNOVATIVE AND ALTERNATIVE TECHNOLOGIES**

#### **TREATMENT TECHNOLOGIES**

Aquaculture  
Aquifer Recharge  
Biological Aerated Filters  
Constructed Wetlands  
Direct Reuse (NON-POTABLE)  
Horticulture  
Overland Flow  
Rapid Infiltration  
Silviculture  
Microscreens  
Controlled Release Lagoons  
Swirl Concentrator

#### **SLUDGE TREATMENT TECHNOLOGIES**

Aerated Static Pile Composting  
Enclosed Mechanical Composting (In vessel)  
Revegetation of Disturbed Land  
Aerated Windrow Composting

#### **ENERGY RECOVERY TECHNOLOGIES**

Anaerobic Digestion with more than 90 percent  
Methane Recovery  
Cogeneration of Electricity  
Self-Sustaining Incineration

#### **INDIVIDUAL & SYSTEM-WIDE COLLECTION TECHNOLOGIES**

Cluster Systems  
Septage Treatment  
Small Diameter Gravity Sewers  
Step Pressure Sewers  
Vacuum Sewers  
Variable Grade Sewers  
Septic Tank Effluent Pump with  
Pressure Sewers

# An Act 537 Sewage Facilities Plan for



Prepared by:

**RETTEW**<sup>SM</sup>

3020 Columbia Avenue, Lancaster, PA 17603  
(717) 394-3721 Fax: (717) 394-1063

Adopted: October 27, 2003

**TOWNSHIP OF PENN  
LANCASTER COUNTY, PENNSYLVANIA  
RESOLUTION NO. 2003 - 19**

---

A RESOLUTION OF THE BOARD OF SUPERVISORS OF THE TOWNSHIP OF PENN, LANCASTER COUNTY, PENNSYLVANIA, TO ADOPT AN OFFICIAL SEWAGE FACILITIES PLAN FOR PENN TOWNSHIP.

WHEREAS, the Board of Supervisors of the Township of Penn (the "Board of Supervisors") authorized the preparation of an Official Sewage Facilities Plan ("Plan") for the entire Township; and

WHEREAS, RETTEW Associates, Inc., was selected as the consultant to assist the Board of Supervisors in the preparation of the Plan; and

WHEREAS, pursuant to the regulations of the Pennsylvania Department of Environmental Protection (the "Department"), the Board of Supervisors advertised the preparation of the proposed Plan and provided a 30-day public comment period for such Plan; and

WHEREAS, the Township provided a copy of the proposed Plan to the Lancaster County Planning Commission for review in accordance with the regulations of the Department; and

WHEREAS, the Board of Supervisors desires to adopt the proposed Sewage Facilities Plan as an update to the Township's official Sewage Facilities Plan in accordance with the provisions and requirements of the Pennsylvania Sewage Facilities Act and the Regulations of the Department.

NOW, THEREFORE, BE IT RESOLVED by the Board of Supervisors of Penn Township, Lancaster County, Pennsylvania, as follows:

**Section 1.** The Board of Supervisors adopts the official sewage facilities plan entitled "An Act 537 Sewage Facilities Plan for Penn Township ", prepared by RETTEW Associates, Inc., and in the form and content presented at this public meeting, as the official sewage facilities plan for the Township in accordance with the Pennsylvania Sewage Facilities Act and the regulations of the Department.



**Section 2.** The Plan as adopted by the Board of Supervisors shall include the following chapters and all charts, tables, diagrams, appendices, figures and textual matter contained there and appended thereto:

PLAN SUMMARY

CHAPTER 1 - PREVIOUS PLANNING AND LAND USE REGULATIONS

CHAPTER 2 - DESCRIPTION OF PLANNING AREA

CHAPTER 3 - EVALUATION OF EXISTING WASTEWATER FACILITIES

CHAPTER 4 - FUTURE GROWTH AND DEVELOPMENT

CHAPTER 5 - IDENTIFICATION OF ALTERNATIVES

CHAPTER 6 - EVALUATION OF ALTERNATIVES

CHAPTER 7 - SELECTED ALTERNATIVES

CHAPTER 8 - PLAN IMPLEMENTATION

APPENDICES

**Section 3.** The Board of Supervisors adopts the following recommendations set forth in the Plan as the alternatives of choice which shall be implemented by the Township upon approval of the Plan by the Department in accordance with the implementation schedule set forth in Chapter 8 of the Plan:

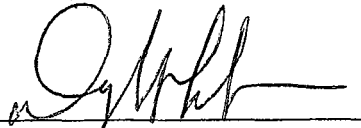
- |   |      |
|---|------|
| 1. Wastewater Treatment Facility and Pumping Station No. 3 Upgrade              | 2004 |
| 2. South Penryn Road Sewer Planning District (South Penryn Road Alternative 1A) | 2004 |
| 3. Penryn Sewer Planning District (Penryn Alternative 3 Phase 1)                | 2005 |
| 4. Penryn Sewer Planning District (Penryn Alternative 3 Phase 2)                | 2007 |
| 5. Hi View Sewer Planning District (Hi View Alternative 3A)                     | 2009 |
| 6. Lexington Sewer Planning District (Lexington Alternative 2)                  | 2013 |

**Section 4.** This Resolution shall become effective and be in force immediately.

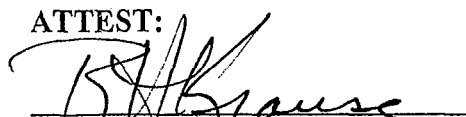
DULY ADOPTED this 26 day of October 2003, by the Board of Supervisors of the Township of Penn, Lancaster County, Pennsylvania, in lawful session duly assembled.

BOARD OF SUPERVISORS  
PENN TOWNSHIP

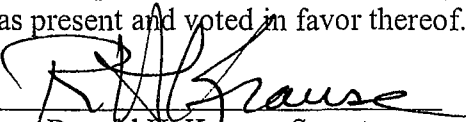
By:

  
Daryl J. Lefever, Chairman

ATTEST:

  
Ronald H. Krause, Secretary

I hereby certify that the foregoing is a true and correct copy of a Resolution duly adopted at a legally constituted meeting of the Board of Supervisors of Penn Township held on October 27, 2003, at which time a quorum was present and voted in favor thereof.

  
\_\_\_\_\_  
Ronald H. Krause, Secretary

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# PLAN SUMMARY

The 2003 Penn Township Act 537 Sewage Facilities Plan's planning area encompasses the entire Township. The scope of work, which has been approved by the Pennsylvania Department of Environmental Protection (DEP), includes a comprehensive evaluation of the existing and future wastewater needs and provides guidance for addressing them.

## Background Information

This plan includes an evaluation of sewage disposal methods currently utilized within Penn Township, limitations for on-lot sewage disposal, groundwater characteristics, natural resources, documentation of repairs to existing systems, and community planning.

It was discovered that Penn Township contains considerable levels of contamination dispersed throughout the Township. To effectively address this health concern, the Township decided to divide the Township geographically into sewer planning districts in an effort to prioritize the districts according to greatest need. The three sewer planning districts identified were:

1. Hi View Sewer Planning District
2. Lexington Sewer Planning District
3. Penryn Sewer Planning District

Recently, the Township has witnessed an influx of residential development in approved subdivisions or is pending with the Township's Planning Commission. All of this residential growth is occurring within the Township's Urban and Village Growth Boundaries. Both the Lexington and Penryn sewer planning districts lie within the urban and village growth boundaries and both contain vacant land available for development. Hi View sewer planning district does not lie within one of the growth boundaries but would address an existing residentially zoned subdivision. The Township population is projected to continue to grow at a pace of approximately 91 additional persons per year.

When comparing the results of all three sewer planning districts they all appear to warrant public sewer alternatives with none displaying more precedence than the others do.

### Conclusion

After careful consideration of the findings of the background studies, which address existing sewage needs and the condition of the groundwater, as well as the cost analysis of the structural alternatives, Penn Township and the Northwestern Lancaster County Authority have elected to extend public sewer service into the study area. However, the ability to secure funding for the proposed projects may impact this proposed schedule. Additionally, infusion of capital from developers may impact the schedule and the required amount of capital that will need to be secured for the proposed projects.

The first proposed construction project will be to upgrade the existing wastewater treatment facility and pumping station No. 3, and extend public sewer service to the South Penryn Road Sewer Planning District (South Penryn Road Alternative 1A). In 2005 the Township and the Authority intend to extend public sewer service to the Penryn Sewer Planning District (Penryn Alternative 3 Phase 1). Then in 2007 the Township and the Authority will complete the public sewer service to the Penryn Sewer Planning District (Penryn Alternative 3 Phase 2). In approximately 2009 the Township and the Authority intend to extend sewers into the Hi View Sewer Planning District (Hi View Alternative 3A). Finally, in 2013, public sewers are anticipated to be extended to the Lexington Sewer Planning District (Lexington Alternative 2).

# CHAPTER 1:

## PREVIOUS PLANNING AND LAND USE REGULATIONS

### 1.1 Previous Wastewater Planning

#### Previous Local Wastewater Planning

In 1988, Penn Township submitted their previous Act 537 Sewage Facilities Study to the then Department of Environmental Resources (D.E.R.) in which the Township was separated into eight sewer planning districts. Map 1 display the sewer planning districts established in the 1988 Plan. The planning districts were categorized into four areas that were projected for public sewerage alternatives and four areas that would utilize on-lot sewage disposal methods for sewage disposal.

Rather than continue sending the Township's sewage to the Manheim Sewage Treatment Plant, Penn Township constructed a 250,000 gallons per day (gpd) wastewater treatment facility (WWTF) in 1991 to effectively address its sewage needs. Penn Township's WWTF design is a sequencing batch reactor (S.B.R.) which includes two basins with alternating fill, react, settle, and decant cycles. The initial design of 250,000 gpd can be expanded to 300,000 gpd by simply increasing the water depth.

In 1992, Penn Township amended the 1988 Plan recognizing that Districts 2, 3, 4, 7, and 8 had not progressed accordingly to the schedule adopted in the 1988 Plan. The 1988 Plan originally anticipated that pressure from development in those areas previously mentioned would support the construction of the sewer system in Penn. However, an unanticipated economic downturn occurred which stymied the development of the Township's sewer system. The 1992 amendment increased the timeframe to five additional years, thereby allowing the Township to design, construct, and identify the financial alternatives for each district by 1997.

To date based on the 1988 Penn Township Act 537 Plan's sewer planning districts map, a portion of district 1 is the only area of the Township that is serviced by public sewers. Although the 1992 amendment gave a five-year time frame extension to 1997 for construction of the other structural alternatives within the Township, until recently, development pressure to construct the other structural alternatives was not witnessed.



## Comprehensive Water Quality Management Plan (COWAMP)

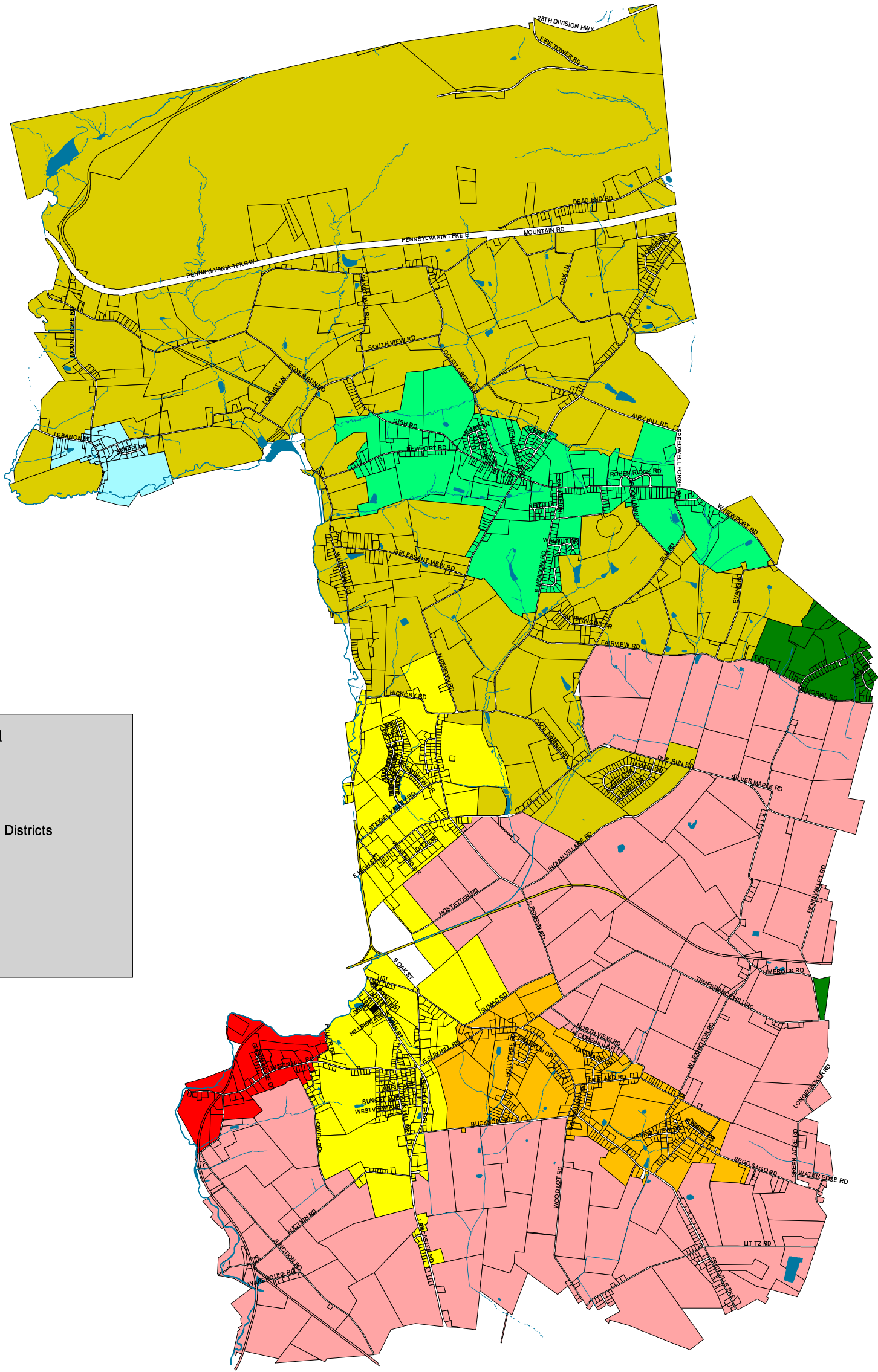
DEP's Comprehensive Water Quality Management Plan (COWAMP) addresses the planning area on a regional scale. In general, this document was prepared by the DEP Water Quality Management Division to maintain the standards for water quality and treatment established in the Department's rules and regulations as contained in Pennsylvania Code, Title 25: Environmental Protection, Chapters 93 and 95 and to serve as the water quality management element of the State Water Plan. The COWAMP reports serious OLDS malfunctions reported in Penn Township, particularly in the Valley View area. At the time of the report (1982), the Plan also indicates that Penn Township was experiencing high development pressures. The recommended course of action was to maintain OLDS management and when the Manheim Sewage Treatment Plant overloads have been eliminated, extend sewers to serve any needs or problem areas. The recommended course of action from the COWAMP has become dated due to the fact that the Township constructed its own treatment plant in 1991.

## Other Wastewater Planning

This sewage facilities Act 537 Plan represents all wastewater planning which is currently anticipated for the planning area other than the on-going requirements for on-lot sewage disposal systems established in the Township's On-Lot Sewage Disposal Management Ordinance.

## On-Lot Sewage Disposal Ordinance

On February 24, 1992, Penn Township adopted an On-Lot Sewage Disposal Ordinance. This ordinance established regulations for the installation and permitting of on-lot sewage disposal systems. The ordinance also included regulations for maintenance of on-lot sewage disposal systems and the requirement of locating an initial and replacement area for all new on-lot sewage disposal systems. This Ordinance was later amended on March 8, 1999 to include additional maintenance requirements for denitrification systems or



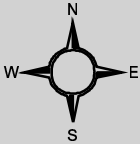
Legend

- Stream
- Lake or Pond
- 1988 Sewer Planning Districts
- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8

Base Map Source: Lancaster County GIS Landbase  
Projection: Pennsylvania State South, NAD 83, U.S. FEET  
Draft Date: December 26, 2002  
Adoption Date: October 27, 2003

RETTEW

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Map 1  
1988 Act 537 Plan  
Sewer Planning Districts  
Penn Township,  
Lancaster County

other systems or apparatus that provide for any additional treatment of wastewater effluent.

## **1.2 Land Use Regulations and Planning**

### Comprehensive Plan

In 1993, Penn Township in cooperation with Rapho Township and Manheim Borough developed the Manheim Central Region Comprehensive Plan. In 2000, the Plan was updated to include 2000 Census information and an audit of how the goals and objectives were being implemented was performed. The Plan provides a synopsis of Penn Township's public sewerage plans based on the Township's previously adopted 537 Plan as well as providing connectivity between public sewerage and identification of future growth areas. The Comprehensive Plan also describes how the system was to be designed to serve only existing land uses and those which had purchased capacity from the Authority.

The Future Land Use Plan for Penn Township focused on directing growth around Manheim Borough proceeding south along Manheim Pike, PA Route 72 and the Village of Penryn. The remainder of the Township was identified as agricultural and conservation land uses.

### Lancaster County Urban and Village Growth Boundaries

As part of the 1992 Lancaster County Comprehensive Plan, future growth areas contiguous to Lancaster City and the various municipalities within Lancaster County were identified. From 1993 to the present, Lancaster County municipalities have adopted Urban Growth Boundaries (UGBs) and Village Growth Boundaries (VGBs) around the identified growth areas. The purpose of these growth boundaries is to identify areas where infrastructure and utility services will be put into place, and land will be zoned, to absorb the population growth of the municipalities. Penn Township in cooperation with Lancaster County developed and adopted an UGB that encompassed Manheim Borough and areas adjacent to the Borough. The Township also established a VGB around the Village of Penryn. The UGB and VGB were developed based on criteria set forth in the County's Policy Plan.

## Lancaster County Comprehensive Plan

The County Comprehensive Plan encourages the construction of public wastewater facilities within adopted urban and village growth boundaries to promote the efficient use of infrastructure and protect the County's resources. Improving the water quality in the County is also listed as an objective of County planning efforts.

### Special Protection Areas

Chapter 93: Water Quality Standards of the Pennsylvania Code Title 25: Environmental Protection set forth water quality criteria based on designated uses for all streams in the Commonwealth (Table 1-1). The planning area falls within the Susquehanna River Basin. Table 1-2 provides a list of watercourses within the Township and their corresponding Chapter 93 classification.

It should be noted that Shearers Creek was also designated as High Quality Waters (HQ). High Quality Waters signifies an additional level of protected use on a stream or watershed, which has excellent waters and environmental or other features that require special water quality protection.

The watercourses that fall within Penn Township listed in Table 1-2 must specifically conform to the criteria as set forth under Table 3 of Chapter 93.7. - Specific Water Quality Criteria.

### Zoning Regulations

Penn Township regulates land uses utilizing a Zoning Ordinance that was adopted in October 2002. The Zoning Ordinance contains twelve zoning districts which include three residential, four commercial, an agricultural, an industrial, an airport safety, a quarry, a conservation, and floodplain districts. Section 316 provides requirements for use of on-lot sewage disposal systems in the Township. Section 316 requires all future uses relying on on-lot sewage disposal shall be required to specifically test for and secure one disposal site and another alternate

TABLE 1-1 WATER QUALITY STANDARDS FOR PROTECTED USES	
Cold Water Fishery (CWF)	Maintenance and/or propagation of fish species including the family Salmonidae and additional flora and fauna which are indigenous to a cold water habitat.
Warm Water Fishery (WWF)	Maintenance and propagation of fish species and additional flora and fauna which are indigenous to a warm water habitat.
Migratory Fishes (MF)	Passage, maintenance and propagation of anadromous and catadromous fishes and other fishes which ascend to flowing waters to complete their life cycle.
Trout Stocking (TSF)	Maintenance of stocked trout from February 15 to July 31 and maintenance and propagation of fish species and additional flora and fauna

TABLE 1-2 CHAPTER 93 CLASSIFICATIONS OF WATERCOURSES WITHIN PENN TOWNSHIP	
Watercourse	Classification
Boyers Run	WWF
Chiques Creek	WWF
Little Chiques Creek	TSF
Little Conestoga Creek	TSF
Shearers Creek	HQ-CWF
SOURCE: PENNSYLVANIA CODE TITLE 25: ENVIRONMENTAL PROTECTION, CHAPTER 93. WATER QUALITY	

TABLE 1-3 PENN TOWNSHIP'S ZONING DISTRICTS MINIMUM LOT SIZES			
District	Dwelling with on-lot water and sewer	Dwelling Unit with public water or public sewer	Dwelling Unit with public water and public sewer
Agricultural	43,560	N/A	15,000
R-1 Residential	43,560	43,560	43,560
R-2 Residential	N/A	20,000	8,000
R-3 Residential	N/A	N/A	8,500
Neighborhood Commercial	43,560	32,670	15,000
Community Commercial	87,120	87,120	87,120
Highway Commercial	43,560	32,670	15,000
Industrial	43,560	43,560	43,560
Quarry	N/A	N/A	N/A
Conservation	43,560	N/A	N/A
Airport Safety	N/A	N/A	N/A
Floodplain	N/A	N/A	N/A
SOURCE: 1993 PENN TOWNSHIP ZONING ORDINANCE			

disposal site. Every use relying upon on-lot sewage disposal systems shall be required to properly maintain and repair such systems. Section 316 provides regulations for increasing the minimum lot size to allow an acceptable level of nitrate nitrogen in the adjoining groundwaters. Acceptable levels will be determined through the sewer module review process with the Department of Environmental Protection.

Penn Township's Zoning is consistent with the Future Land Use Plan proposed in the Manheim Central Region Comprehensive Plan, the Manheim Borough Urban Growth Boundary, and Penryn Village Growth Boundary. Map 2 displays the boundaries of the zoning districts along with the growth boundaries located within the Township.

#### Subdivision and Land Development Regulations

Penn Township adopted a Subdivision and Land Development Ordinance in 1999 to aid in the control of the physical layout of land in the Township. Section 609 of the Ordinance regulates sanitary wastewater disposal and water supply in the Township. It states the developer must provide the highest type of sanitary disposal facility consistent with existing physical, geographical, and economic conditions and provides the following hierarchy:

1. Publicly owned sanitary wastewater disposal system.
2. Privately owned sanitary wastewater system used by one unit of occupancy with subsurface absorption.
3. Privately owned sanitary wastewater system used by two (2) or more units of occupancy with treatment other than subsurface absorption or holdings tank which is owned by a single individual.
4. Privately owned subsurface absorption or drainage fields used by two (2) or more units of occupancy.

Source: Penn Township Subdivision and Land Development Ordinance Section 609.01.A. (1)

The Section further requires projects located within an UGB/VGB or is a planned sewer service area in the Township's Act 537 Plan shall be connected to an existing public sanitary sewer system. Additionally, if public sanitary sewer system is planned to be provided

within a six year period as indicated in the Township's sewage facility plan, the Board of Supervisors may require the developer to install a capped system within the street right-of-way along with the individual subsurface disposal system.

On-lot sanitary wastewater disposal facilities are to be utilized outside the UGB/VGB and areas determined not as public sanitary wastewater disposal areas. These areas must be sized and shaped so as to not conflict with the proposed use's water supply and be designed in accordance with Pennsylvania Code Title 25, Chapter 73, Rules and Regulations of the Pennsylvania Department of Environmental Protection, as amended. All newly created lots utilizing on-lot sanitary wastewater disposal methods must also comply with the Township's On-Lot Sewage Disposal Ordinance.

### **1.3 Growth Areas Identified by Previous Planning**

The Township continues to strive to place all new growth within the established growth boundaries around Manheim Borough and the Village of Penryn and protect the agricultural features within the community. The subdivision information contained in Chapter 4 of this Plan further supports the fact that the majority of the growth occurring within the Township is being directed to the established growth boundaries and protecting the agricultural heritage of the Township.

# CHAPTER 2:

## DESCRIPTION OF PLANNING AREA

### 2.1 Physical Description of the Planning Area

The planning area for this Sewage Facilities Act 537 Plan encompasses Penn Township in its entirety. This plan will analyze both structural and non-structural components of the Township's sewerage plans and make recommendations on the future of both methods.

### 2.2 Topography

The topography of the planning area is characterized by rolling hills and minor slopes. Approximately two-thirds of Penn Township is situated within the Chiques Creek Watershed with the remaining area in the southeastern corner of the Township nearly evenly divided between the Little Conestoga Creek and the Lititz Run Watersheds. Map 3 displays the boundaries of each sub-basin within the named watersheds. This enables one to better understand the drainage characteristics in formulating plans for large-scale sewerage facilities.

The northern third of the Township drains into Chiques Creek either directly or by small tributaries including Shearers Creek and Boyer Run. The central third of the Township is divided into three segments. The west-central segment stretches from the community of White Oak to southwestern Manheim and is bounded on the east by Penryn Road. The central segment is drained in a southwesterly direction by a tributary of Chiques Creek. The east-central segment is drained in a southeasterly direction by tributaries of Lititz Run.

The southern third of the Township is also segmented into three parts. The southwestern segment is drained either directly to Chiques Creek or by tributaries thereof. This segment includes the Elwyn Terrace and the Lancaster Junction areas. The south central segment is similarly drained by the Little Conestoga Creek or by tributaries thereof. A very small segment in the southeastern corner of the Township is drained by a tributary of Buchanan Run which in turn is a tributary of the Little Conestoga Creek.

Municipal floodplain mapping was conducted in 1981 by the Federal Emergency Mapping Agency (FEMA) as

part of the National Flood Insurance Program (NFIP). The purpose is twofold. First, NFIP is intended to prevent the loss of life and property due to flooding. This is achieved through local government regulation of development in the floodplain. Second, NFIP makes low cost flood insurance available to homeowners and businesses.

The focus of the NFIP is the 100-and 500-year floodplain, which is mapped on Map 3. In this area, past experience and statistical probability indicate the destructive flooding has a high degree of possibility to occur. Floodplains within Penn Township are found along the Chiques Creek, Little Chiques Creek, and Shearer Creek along the western border of the Township as well as along the Little Conestoga Creek located in the southern portion of the Township and Santo Domingo Creek along the eastern boundary of the Township.

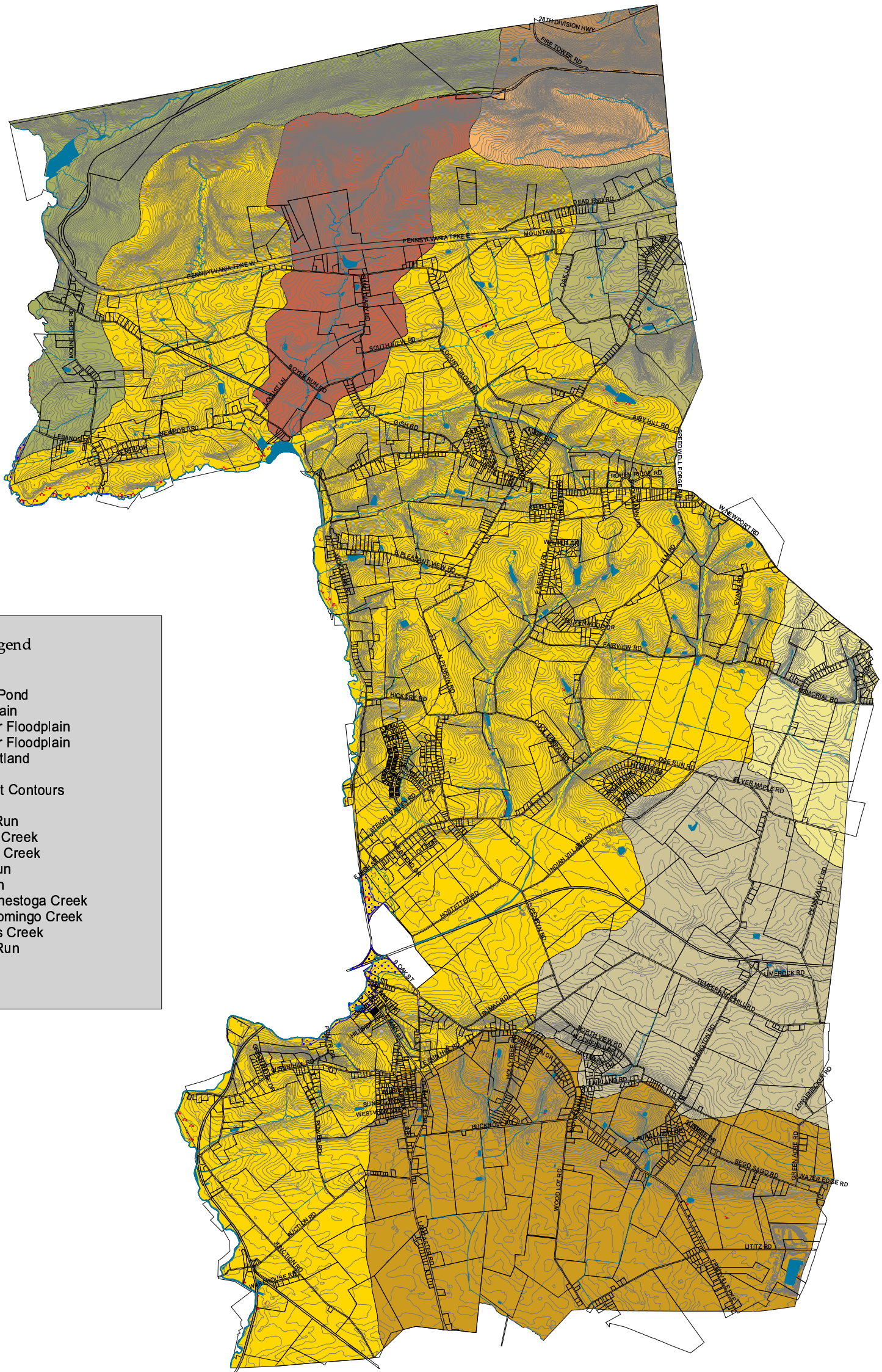
### **2.3 Wetlands**

As defined by the Department of Environmental Protection (DEP), U.S. Environmental Protection Agency (EPA), and the U.S. Army Corps of Engineers, wetlands are those areas which are inundated or saturated by surface or ground water at a frequency and duration to support, and under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. Wetlands generally include swamps, marshes, bogs, and similar areas, which possess three essential characteristics:

1. Hydrophytic vegetation
2. Hydric Soils
3. Wetland Hydrology

The U.S. Fish and Wildlife Service using color infrared photos for the identification of wetlands based on soil moisture content compiled the National Wetlands Inventory (NWI) Map. The quality of the maps varies greatly depending on the quality of the photos, the time the photos were taken, and the type of wetlands being identified. The NWI map is a helpful background source of wetland investigation. However, field investigation by a trained expert is necessary to determine the prevalence or absence of wetlands.

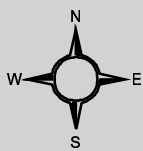




Base Map Source: Lancaster County GIS Landbase  
Projection: Pennsylvania State South, NAD 83, U.S. FEET  
Draft Date: March 13, 2002  
Adoption Date: October 27, 2003

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## Map 3 Natural Features Penn Township, Lancaster County

TABLE 2-1 SOIL SUITABILITY FOR STANDARD ON-LOT SEPTIC SYSTEMS	
Suitability for Subsurface System	Soils that are considered generally suitable for subsurface systems possess a typical depth to limiting zone of 60 inches or more and a slope of 0 to 25 percent.
Elevated Sand Mound Systems	Elevated sand mound systems are typically required in soils with a depth to limiting zone between 20 and 60 inches and a slope of less than 12 percent.
Unsuitable	Soils which are considered generally unsuitable for any on-lot sewage disposal system possess slopes in excess of 25 percent, soils with a shallow limiting zone (less than 20 inches), soils with a depth to limiting zone between 20 and 60 inches combined with slopes in excess of 12 percent, hydric soils and soils classified as "quarry" "muds" and

The NWI maps indicate the planning area contains numerous areas as identified as wetlands. The majority of wetlands in the planning area follow stream corridors, however a few of the wetlands identified are found in small patches throughout the Township. Map 3 presents the probable wetlands as identified by the NWI maps.

## 2.4 Soil Suitability for On-Lot Sewage Disposal

The characteristics of the soils in the planning area were reviewed and analyzed to determine probable soil limitations for on-lot sewage disposal systems (OLDS) based on the *1985 Soil Survey of Lancaster County, Pennsylvania*, prepared by the United States Department of Agriculture, Soil Conservation Service (USDA-SCS). The classification system found in Table 2-1 was used for this analysis to rate soils according to their general suitability for OLDS.

Map 4 identifies the limitations for OLDS within Penn Township. In general, approximately two-thirds of the Township lie within soils classified as suitable for elevated sand mound systems or unsuitable for on-lot sewage disposal. The remaining one-third, found predominantly within the southern portion of the Township, contain soils suitable for on-lot subsurface sewage disposal systems.

The following list displays Penn Township's soils classified based on soil limitations established in Table 2-1:

### Soils Suitable for On-Lot Sewage Disposal:

DbA Duffield Silt Loam  
 DbB Duffield Silt Loam  
 HaA Hagerstown Silt Loam  
 HaB Hagerstown Silt Loam  
 HbC Hagerstown Silty Clay Loam  
 LdC Letort Silt Loam

### Soils requiring an Elevated Sand Mound System for On-Lot Sewage Disposal:

BdA Bedington Silt Loam



BdB Bedington Silt Loam  
 BdC Bedington Silt Loam  
 BrB Brecknock Silt Loam  
 BuB Bucks Silt Loam  
 BuC Bucks Silt Loam  
 LaB Lansdale Loam  
 LaC Lansdale Loam  
 LaD Lansdale Loam  
 UaB Ungers Loam  
 UaC Ungers Loam  
 UbB Ungers Extremely Stony Loam

Soils Unsuitable for On-Lot Sewage Disposal:

AbB Abbottstown Silt Loam  
 BeD Bedington Channery Silt Loam  
 Bm Blairton Silt Loam  
 Bo Bowmansville Silt Loam  
 BuD Bucks Silt Loam  
 CkA Clarksburg Silt Loam  
 HbD Hagerstown Silty Clay Loam  
 Hg Holly Silt Loam  
 Ln Lindside Silt Loam  
 MeB Mount Lucas Very Stony Silt Loam  
 Nc Newark Silt Loam  
 Qu Quarry Site  
 RaB Readington Silt Loam  
 Rd Rowland Silt Loam  
 UbD Ungers Extremely Stony Loam  
 UbE Ungers Extremely Stony Loam

TABLE 2-2 GEOLOGIC FORMATIONS LOCATED WITHIN PENN TOWNSHIP		
Geologic Formation	Carbonate/ Hazardous Formation	Median Yield (gallons per minute)
Cocalico	No	10-50
Diabase	No	5
Epler	Yes	25
Hammer Creek	No	66
Millbach	Yes	25
New Oxford Conglomerate	No	14
New Oxford	No	66
Ontelaunee	No	200-500
Snitz Creek and Buffalo Springs Undivided	No	25
Stonehenge	Yes	100
SOURCE: ENGINEERING CHARACTERISTICS OF THE ROCKS OF PENNSYLVANIA		

## 2.5 Geology and Hydrology

The geology of an area generally dictates important groundwater characteristics such as median yields and susceptibility to potential contaminants. For example, carbonate formations are considered to be potentially hazardous for groundwater supplies because they are highly susceptible to pollution. Table 2-2 describes the Township's geology that is shown on Map 5.

Due to the presence of carbonate formations within the planning area, Penn Township requires all subdivisions and land developments that utilize on-lot sewage disposal methods to provide a preliminary hydrogeologic study. This requirement is intended to prevent any further degradation to the Township's water supply,

*1,827 domestic wells  
utilizing on-lot  
sewage disposal  
within the Planning  
Area x 15% of the  
sampling area as  
required by DEP=*

TABLE 2-3 SUMMARY OF WELL RESULTS TOTAL SAMPLE TAKEN: 287 WELLS		
Nitrate Nitrogen > 10 PPM	Total Coliform > 0 col. / 100 ml.	Fecal Coliform > 0 col. / 100 ml.
71	183	50
Total number of samples which are considered not potable: 203/287 or 71% of the wells sampled		
SOURCE: WELL SAMPLES CONDUCTED IN MAY AND JUNE OF 2002		

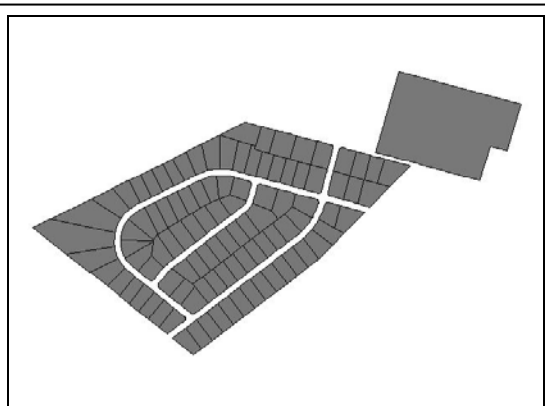


TABLE 2-4 SUMMARY OF WELL RESULTS HI-VIEW SEWER PLANNING DISTRICT TOTAL SAMPLE TAKEN: 23 WELLS		
Nitrate Nitrogen > 10 PPM	Total Coliform > 0 col. / 100 ml.	Fecal Coliform > 0 col. / 100 ml.
0	11	4
Total number of samples which are considered non-potable 12/23 or 52% of the wells sampled		
SOURCE: WELL SAMPLES CONDUCTED IN MAY AND JUNE		

which could result from a greater density of sewage disposal systems without adequate areas for groundwater recharge.

Additionally, the limestone formations located within the Township are very susceptible to dissolving, which results frequently in sinkholes. Water yields in this area can be highly variable, thus producing high yields if a major "solution channel" is stuck.

In areas which rely heavily upon OLDS and individual wells, sewage facilities Act 537 planning requires well testing to identify areas where the groundwater may be contaminated by OLDS. In May and June of 2002 domestic well testing of the planning area was conducted as part of the Sewage Needs Survey. The survey included an analysis of nitrate nitrogen, total coliform, and fecal coliform in drinking water supplies within Penn Township.

According to the EPA, the maximum limit of nitrate nitrogen in drinking water is 10 milligrams per liter (mg/l). Sources of nitrate-nitrogen include decay of organic matter, precipitation, mineral weathering, manure application, chemical fertilizers, and malfunctioning sewage disposal systems. In areas where nitrate-nitrogen is greater than 5 mg/l, the DEP requires preliminary hydrogeologic evaluations for proposed development as part of the Planning Module for Land Development process.

Total coliform is an "indicator" bacterium, which also exists naturally in soil, vegetation, and the intestines of warm-blooded animals. Fecal coliform testing measures mostly escherichia coli (e.coli) which is found in the stool of humans and other warm-blooded animals. EPA standards for drinking water require that the water be free of total or fecal coliform bacteria. Therefore, a water sample with one colony of bacteria per one hundred milliliters (1 col./100 ml.) is considered to exceed the EPA drinking water standards.

A total of 287 domestic wells were tested in the planning area. This number represents the required 15 percent (274 wells) of the total number of drinking water wells within the planning area with fourteen additional wells included. The results are summarized

in Table 2-3. Maps 6, 7, and 8 display the results of the well sampling based on each of the parameters sampled within the Township. The numbers that are listed on all three of the well sampling maps correlate with the well sampling table located in Appendix B.

Due to the high contamination level distributed throughout the planning area, the Township decided to geographically divide the Township into sewer planning districts in order to analyze the sewage disposal needs within the Township further. The sewer planning districts include the areas of Hi-View, Lexington, and Penryn.

When comparing the three sewer planning districts based on well sampling results Lexington Sewer Planning District displayed the highest percentage of non-potable wells at 75. Penryn Sewer Planning District reported the second highest percentage of non-potable wells at 70.65. Finally, Hi-View Sewer Planning District reported a percentage of non-potable wells at 52. All of the districts remain of significant concern with over fifty percent contamination for the lowest percentage amongst the three sewer planning districts.

To further evaluate any potential groundwater problems within the planning area, the Department of Health was contacted. The Department records indicate no incidents of water born diseases within the planning area.

## 2.6 Prime Agricultural Soils

Prime Farmland, as defined by the USDA-SCS, is land that is best suited for producing food, feed, forage, fiber, and oilseed crops. It has the soil quality, growing season, and water supply needed to economically produce a sustained high yield of crops when it is treated and managed using acceptable farming methods. According to the USDA, qualities which characterize prime agricultural soils include high permeability to water and air, few or no rocks, optimum levels of acidity and alkalinity, zero to eight percent slopes, and the absence of flooding during the growing season. These soils may currently be utilized for crops, pastures, woodland, or land covers other than urban land or water areas.



TABLE 2-5 SUMMARY OF WELL RESULTS LEXINGTON SEWER PLANNING DISTRICT TOTAL SAMPLE TAKEN: 52 WELLS		
Nitrate Nitrogen > 10 PPM	Total Coliform > 0 col. / 100 ml.	Fecal Coliform > 0 col. / 100 ml.
11	34	7
Total number of samples which are considered non-potable 39/52 or 75% of the wells sampled		
SOURCE: WELL SAMPLES CONDUCTED IN MAY AND JUNE OF 2002		

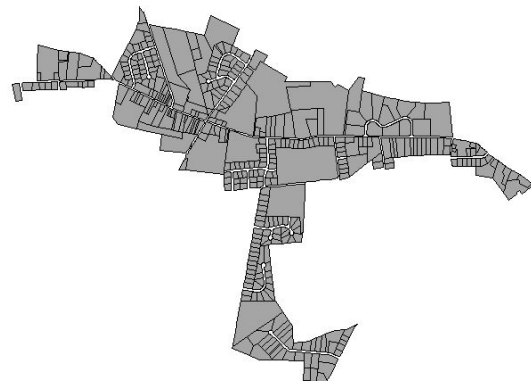
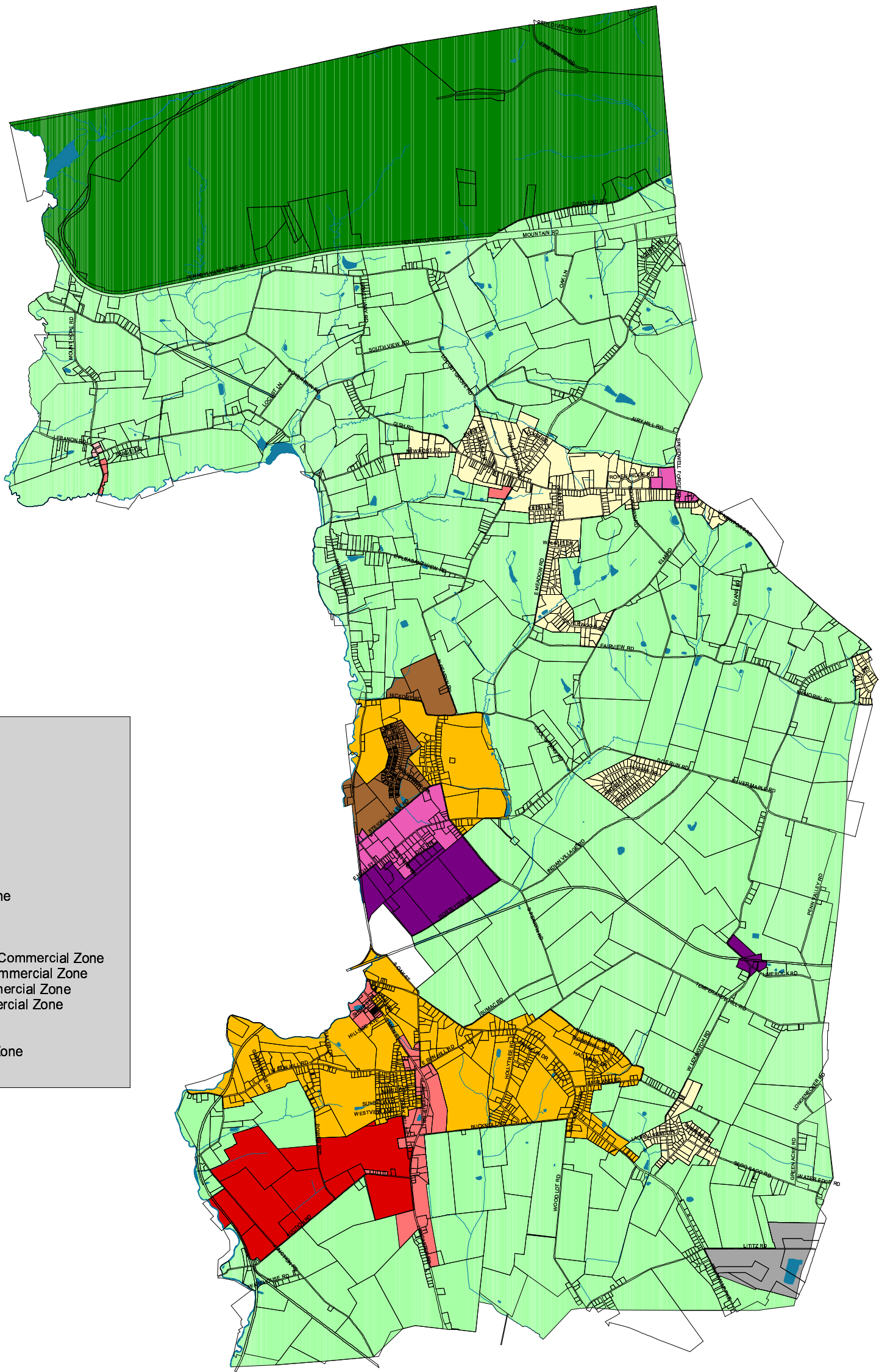


TABLE 2-6 SUMMARY OF WELL RESULTS PENRYN SEWER PLANNING DISTRICT TOTAL SAMPLE TAKEN: 92 WELLS		
Nitrate Nitrogen > 10 PPM	Total Coliform > 0 col. / 100 ml.	Fecal Coliform > 0 col. / 100 ml.
15	56	21
Total number of samples which are considered non- potable 65 / 92 or 70.65% of the wells sampled		
SOURCE: WELL SAMPLES CONDUCTED IN MAY AND JUNE		



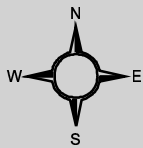
Legend

- Parcel
- Stream
- Lake or Pond
- Zoning
  - Agricultural Zone
  - Residential R-1
  - Residential R-2
  - Residential R-3
  - Neighborhood Commercial Zone
  - Community Commercial Zone
  - Highway Commercial Zone
  - Limited Commercial Zone
  - Industrial Zone
  - Quarry Zone
  - Conservation Zone

Base Map Source: Lancaster County GIS Landbase  
Projection: Pennsylvania State South, NAD 83, U.S. FEET  
Draft Date: March 13, 2002  
Adoption Date: October 27, 2003

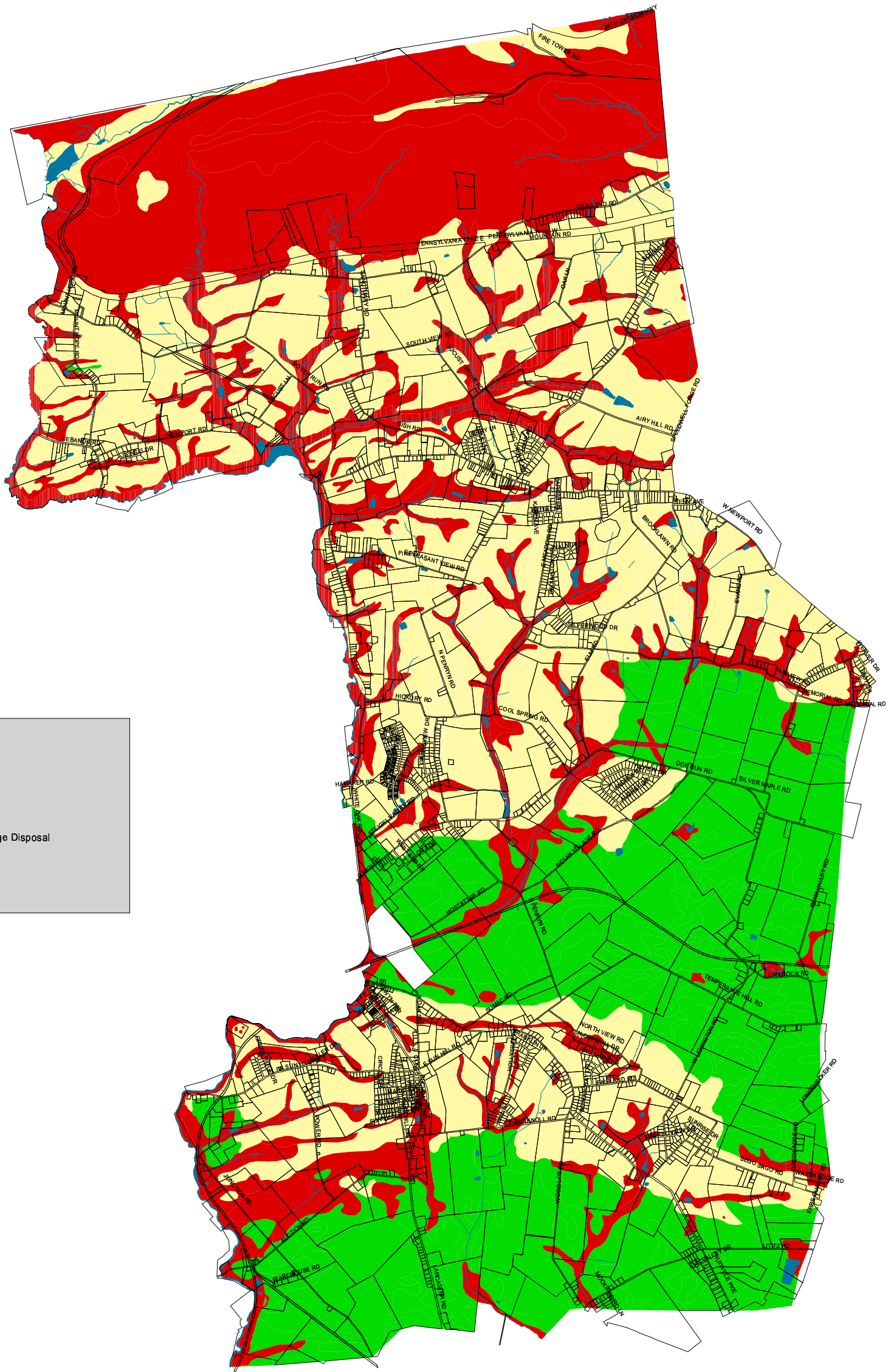
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**Map 2**  
**Zoning Map with Growth Boundaries**  
Penn Township,  
Lancaster County



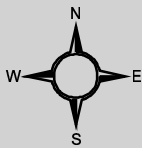
Legend

- Parcel
- Stream
- Lake or Pond
- Limitations for On-Lot Sewage Disposal
- Unsuitable
- Elevated Sand Mound
- Suitable

Base Map Source: Lancaster County GIS Landbase  
Projection: Pennsylvania State South, NAD 83, U.S. FEET  
Draft Date: March 13, 2002  
Adoption Date: October 27, 2003

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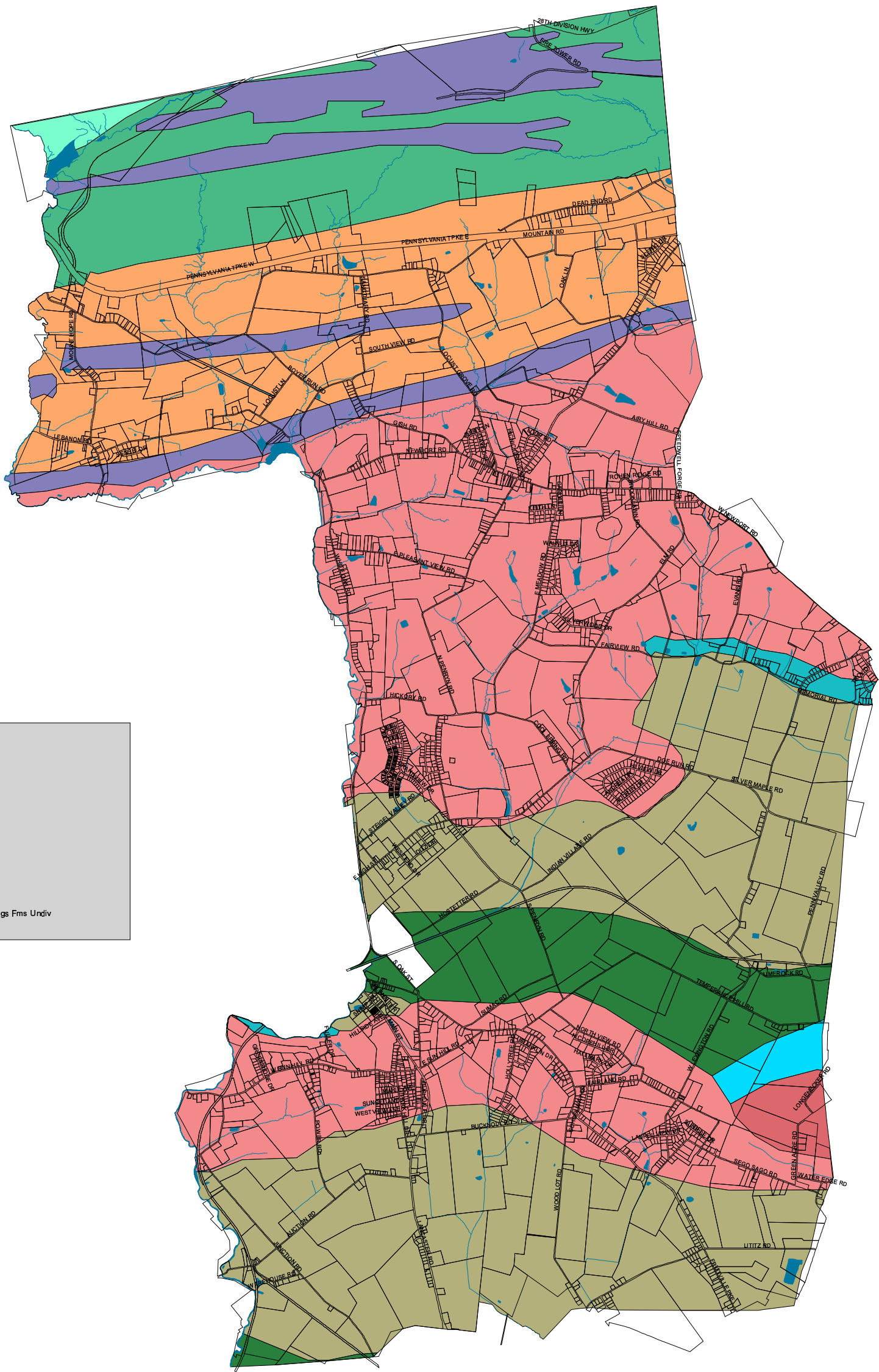
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Map 4  
Limitations for On-Lot Sewage Disposal  
Penn Township,  
Lancaster County





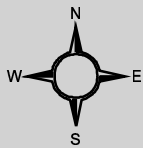
Legend

- Parcel
- Stream
- Lake or Pond
- Geology
  - Cocalico Fm
  - Diabase
  - Epler Fm
  - Hammer Creek Fm
  - Millbach Fm
  - New Oxford Conglomerate
  - New Oxford Fm
  - Ontelaunee Fm
  - Snitz Creek and Buffalo Springs Fms Undiv
  - Stonehenge Fm

Base Map Source: Lancaster County GIS Landbase  
Projection: Pennsylvania State South, NAD 83, U.S. FEET  
Draft Date: March 13, 2002  
Adoption Date: October 27, 2003

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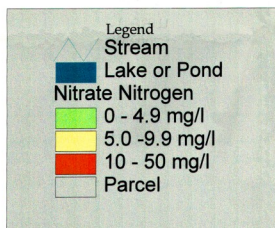
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Map 5  
Geology  
Penn Township,  
Lancaster County





Base Map Source: Lancaster County GIS Landowner  
 Projection: Pennsylvania State South, NAD 83, U.S. FEET  
 Data Date: June 15, 2005  
 Adoption Date: October 27, 2005

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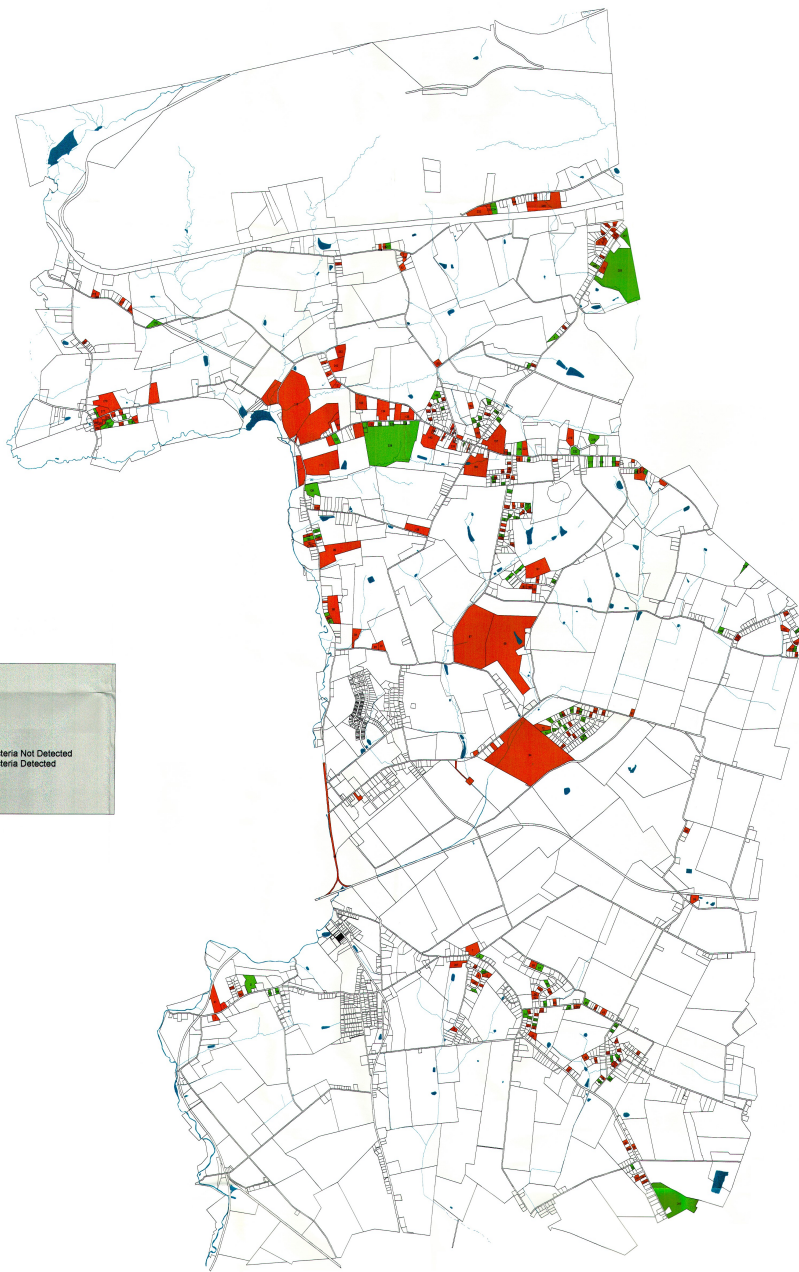


0 2000 4000 6000 8000 10000 Feet

# Map 6

## Nitrate Nitrogen

Penn Township,  
Lancaster County



Legend

- Stream
- Lake or Pond
- Total Coliform Bacteria Not Detected
- Total Coliform Bacteria Detected
- Parcel

Base Map/Vector: Lancaster County GIS Landbase  
Projection: Pennsylvania State Plane, NAD 83, US FEET  
Drawn: June 14, 2012  
As of: October 27, 2011

**RETTEW**

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**Map 7**  
**Total Coliform Bacteria**  
Penn Township,  
Lancaster County





***Prime Agricultural Land:*** *land used for agricultural purposes that contains soils of the first, second, or third class as defined by the United States Department of Agriculture Natural Resources and Conservation Services County Soil Survey*

*The “e” and “w” that follow the Prime Agricultural listings indicates a subclass within the primary class. The letter “e” indicates the soil contains risks for erosion. The letter “w” indicates that water or wetness is present within*

Additionally, preserved farmland, farmland in agricultural security areas, farmland enrolled in clean and green preferential tax assessment programs, and farmland subject to effective agricultural zoning should also be considered when determining prime agricultural areas within the planning area. As of July 2002, the Township contains 1,086.63 acres of either preserved farms or farms under agreement to be preserved, 4,041.91 acres of farmland in agricultural security areas, and 17,589.22 acres of land enrolled in the clean and green preferential tax assessment program. The Township is predominately zoned for agricultural uses with the exception of those lands falling north of the Pennsylvania Turnpike and within the Manheim Area UGB or Penryn VGB. Map 9 displays all the farms enrolled in any of the previously mentioned agricultural preservation programs available to Penn Township residents.

The Pennsylvania Municipality’s Planning Code under Act 67 and 68 has required municipalities to provide a plan for preservation and enhancement of prime agricultural land. It is important that all municipal planning documents are consistent with each other and future sewer extensions provide a direct link with future land use planning within municipalities, therefore, it is important to consider the impacts of prime agricultural soils in the planning area.

As presented on Map 9, the following list is the prime agricultural soils that are classified as class I, II, or III within Penn Township:

Class I Prime Agricultural Soils

BdA Bedington Silt Loam  
DbA Duffield Silt Loam  
HaA Hagerstown Silt Loam

Class IIe Prime Agricultural Soils

BdB Bedington Silt Loam  
BrB Brecknock Silt Loam  
BuB Bucks Silt Loam  
DbB Duffield Silt Loam  
HaB Hagerstown Silt Loam  
LaB Lansdale Loam

UaB Ungers Loam

Class IIw Prime Agricultural Soils

CkA Clarksburg Silt Loam

Ln Lindside Silt Loam

Rd Rowland Silt Loam

Class IIIe Prime Agricultural Soils

BdC Bedington Silt Loam

BuC Bucks Silt Loam

HbC Hagerstown Silty Clay Loam

LaC Lansdale Loam

LdC Letort Silt Loam

UaC Ungers Loam

Class IIIw Prime Agricultural Soils

AbB Abbottstown Silt Loam

Bm Blairton Silt Loam

Bo Bowmansville Silt Loam

Hg Holly Silt Loam

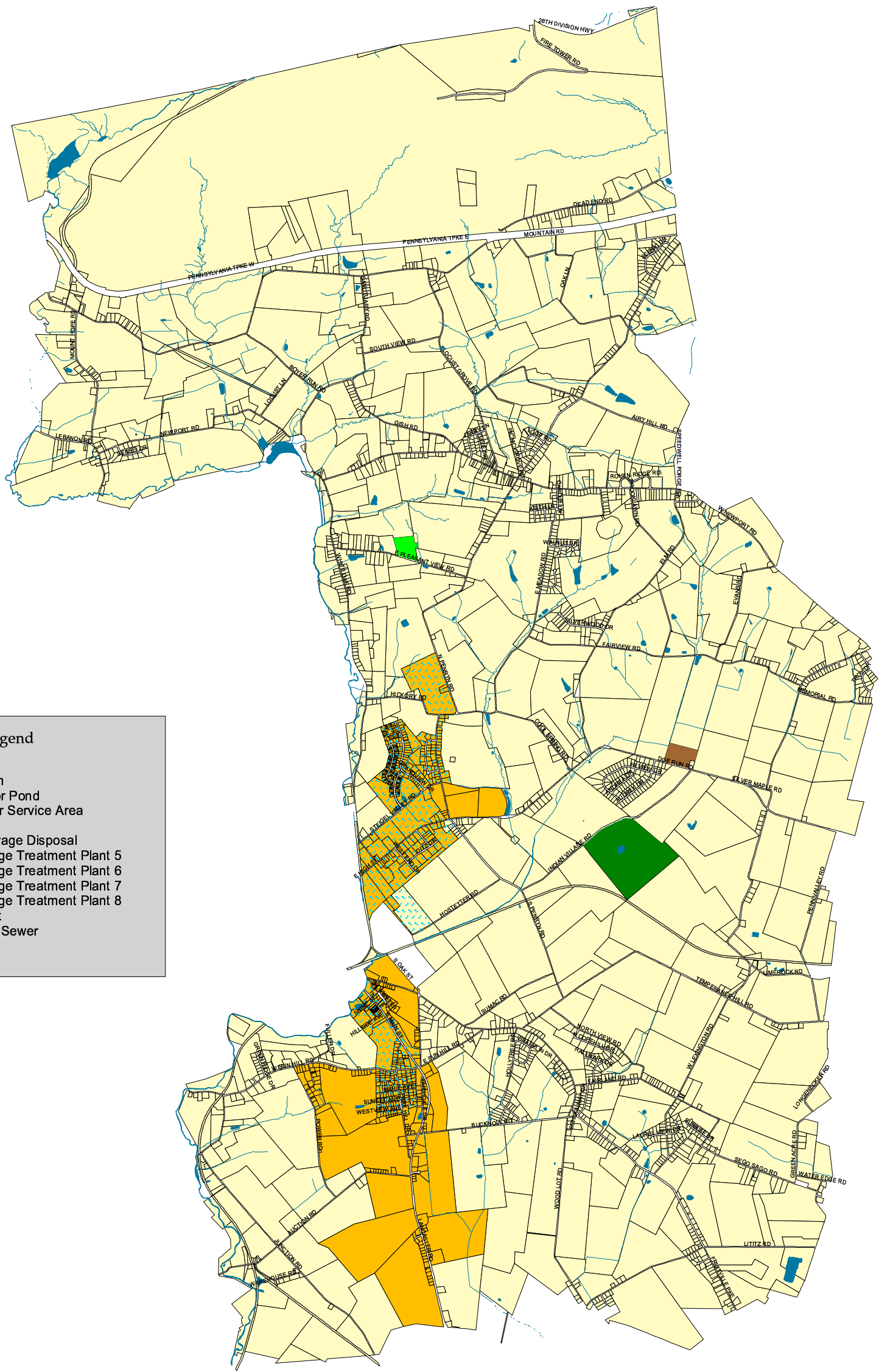
## **2.7 Public Water and Sewer Service Areas**

At the time of the plan, nearly seven hundred parcels within Penn Township were served by public sewerage. Map 10 depicts the method of sewage disposal utilized by property owners within Penn Township. The two public sewerage areas located within Penn Township can best be described as extensions of the Manheim Borough municipal limits. The first public sewerage area is located east of Manheim Borough and extends out from East High Street to the Manheim Central School District Property then extends north to serve the Grandview Subdivision and the Pleasant View Retirement Community. The second area served by public sewerage extends south from Manheim Borough along State Route 72 and west to Power Road.

Both the Authority and Manheim Borough serve public water service areas within the Planning Area. Public water from Manheim Borough extends south from Manheim Borough along State Route 72. The Authority serves an additional area in the western central section of the Township from East High Street to the Manheim

Central School District Property and extends north to serve the Mallard Ponds Subdivision and the Pleasant View Retirement Community.

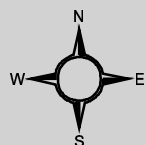




Base Map Source: Lancaster County GIS Landbase  
Projection: Pennsylvania State South, NAD 83, U.S. FEET  
Draft Date: December 26, 2012  
Adoption Date: October 27, 2013

**RETTEW**

H:\0158101\GIS\_Data\Penn\_Township\337\_gis\old\_april\_new.apr. Public Utility Areas



4000 0 4000 Feet

## Map 10

### Public Sewer and Water Service Areas

Penn Township,  
Lancaster County



# CHAPTER 3:

## EVALUATION OF EXISTING WASTEWATER FACILITIES

### **3.1 Existing Public Wastewater Treatment Systems**

The Authority WWTF has been in operation since June 1992. The Authority sewer system serves portions of Penn Township, Lancaster County. The Authority's WWTF currently has a permitted capacity of 250,000 gallons per day (gpd) under National Pollutant Discharge Elimination System (NPDES) Permit No. PA 0084026. This permit was renewed in February of 1999.

### **3.2 Existing Collection and Conveyance Systems**

Currently the Authority system includes approximately 30,130 linear feet of gravity sewers; 13,650 linear feet of forcemain, and five pumping stations. All of the pumping stations are in good condition and receive routine inspection and maintenance.

Pumping Station No. 1 (PS No. 1) consists of 60 horsepower (HP) duplex, flooded suction dry well pumps with an 8-inch forcemain. Approximately 407 EDUs flow to PS No. 1. The pumps in PS No. 1 each have a pumping rate of 434 gallons-per-minute (gpm), which equates to a capacity of approximately 714 EDUs. Flows from PS No. 1 ultimately discharge into Pumping Station No. 3, which, in turn, discharges directly into the WWTF.

Pumping Station No. 2 (PS No. 2) consists of 15 HP duplex submersible pumps with a 6-inch forcemain. Approximately 62 EDUs flow to PS No. 2. The pumping rate of the station is 215 gpm, which equates to an approximate capacity of 354 EDUs. Flows from PS No. 2 are also conveyed to Pumping Station No. 3.

Pumping Station No.3 (PS No. 3) consists of 24 HP duplex submersible pumps with a 10-inch forcemain. Currently, approximately 754 EDUs flow to PS No. 3. The capacity of the station is approximately 637 gpm, or 1,048 EDUs. Flows from PS No. 1 and PS No. 2 ultimately discharge into PS No. 3, which, in turn, discharges directly into the WWTF.

Pumping Station No. 4 (PS No. 4) consists of 7.5 HP duplex submersible pumps and a 6-inch forcemain. PS No. 4 was designed for a pumping rate of 200 gpm, and

can be expanded by simply changing the pump impellers and modifying the operating levels within the wet well. During 2001, new 8-inch diameter impellers were installed for each of the pumps, thus increasing the pumping rate of each of the pumps to 370 gpm. This station is currently utilized by approximately 353 EDUs.

The Sunhill Estates Phase 2 grinder pumping station consists of duplex 2 HP submersible pumps and a 2-inch forcemain. During 2000, 22 EDUs flowed to the station. This station has a design capacity of 100 EDUs.

### 3.3 Areas Dependent Upon On-Lot Sewage Disposal

The Township's Sewage Enforcement Officer (SEO) records identified the malfunctions found in Table 3-1.

TABLE 3-1 SEWAGE ENFORCEMENT OFFICER REPAIR RECORDS, 1985 TO PRESENT			
Address of Repair	Permit Number	Repair Date	Malfunction Description
2891 Newport Rd	61427	Unknown	Back Up
1316 Newport Rd	41284	Unknown	Back Up
1314 Newport Rd	41284	Unknown	Back Up
1947 Newport Rd	61503	Unknown	Surface
381 Memorial Rd	42234	Unknown	Back Up
222 Weaver Dr	47114	Unknown	Flooded
381 Memorial Rd	42234	Unknown	Back Up
900 Holly Tree Rd	12250	Unknown	Septic Tank
571 Warehouse Rd	95752	Unknown	Flooded
1549 Picnic Grove Rd	41283	9/22/85	Back Up
1292 Karen Ave	355560	2/11/88	Back Up
64 Marie Ave	35599	5/13/88	Surface
1428 Mountain Rd	35517	6/4/88	Surface
1822 Lebanon Rd	30029	7/12/88	Surface
299 Grandview Dr	47515	8/19/88	Surface
154 Penn Valley Rd	47517	8/25/88	Surface
1267 Christine Ave	47553	11/16/88	Back Up / Flood
350 S Main St	47577	2/24/89	Surface
2464 Scenic Dr	47512	4/12/89	Surface
1590 Locust Grove Rd	47626	5/31/89	Back Up
744 W Newport Rd	47667	7/25/89	Surface / Back up
779 Holly Tree Rd	47652	7/25/89	Back Up
53 Marie Ave	47672	7/27/89	Back Up
746 Park Hill Dr	47679	8/24/89	Surface
2420 Scenic Dr	476995	8/31/89	Surface / Back up
482 S Main St	47588	12/6/89	Surface
1291 Christine Ave	56158	2/27/90	Back Up
1018 Newport Rd	40542	3/16/90	Surface
1548 Junction Rd	55700	5/22/90	Surface
112 Fairland Rd	55680	7/18/90	Back Up
455 W Sun Hill Rd	55718	7/25/90	Back Up
941 E Meadow Rd	55735	9/13/90	Surface
985 Newport Rd	55749	9/14/90	Surface / Back up
841 Erbs Quarry Rd	55720	9/14/90	Surface
825 Erbs Quarry Rd	55719	9/21/90	Surface
2356 Scenic Dr	55716	11/27/90	Surface
633 S Oak St	56139	2/1/91	Surface

<b>Address of Repair</b>	<b>Permit Number</b>	<b>Repair Date</b>	<b>Malfunction Description</b>
1311 Carol Ln	56156	5/9/91	Surface
603 Fruitville Pike	57983	7/1/91	Surface
2285 Newport Rd	56155	8/1/91	Back Up
2232 E Mount Hope Rd	56131	8/2/91	Surface
754 Doe Run Rd	57991	8/28/91	Surface
1064 N Penryn Rd	56148	9/3/91	Surface / Back Up
1022 N Penryn Rd	56133	12/5/91	Surface
1364 Carol Ln	61074	2/4/92	Back Up
611 S Oak St	56140	5/11/92	Back Up
513 Hickory Rd	61383	5/18/92	Surface
888 N Penryn Rd	61386	8/3/92	Surface
126 Fairland Rd	61419	9/30/92	Surface / Back Up
2343 Scenic Dr	61394	10/19/92	Back Up
37 Fairland Rd	61441	12/16/92	Back Up
955 Fruitville Pike	61517	7/29/93	Back Up
1649 Mockingbird Ln	61437	7/30/93	Back Up
205 Audrey Dr	61428	8/13/93	Surface
215 Dead End Rd	61532	10/7/93	Surface
640 W Newport Rd	61525	10/19/93	Surface
1513 Picnic Grove Rd	42210	6/21/94	Back Up
1381 Newport Rd	42267	6/22/94	Surface / Back Up
871 Fruitville Pike	61516	6/24/94	Back Up
1475 Jerry Ln	46029	6/30/94	Back Up
2322 N Penryn Rd	46046	7/21/94	Back Up
849 W Lexington Rd	42243	10/10/94	Surface
427 Elm Rd	41276	1/3/95	Surface
1979 E Mount Hope Rd	41296	2/2/95	Surface
751 Holly Tree Rd	41306	3/24/95	Back Up / Flood
1119 E Meadow Rd	61495	5/8/95	Back Up
1776 Keith Ln	41368	6/2/95	Flooded
353 S Cope Hill Dr	41361	8/11/95	Surface / Flood
1932 N Penryn Rd	41426	9/14/95	Surface
1230 Newport Rd	41500	2/22/96	Septic Tank
1765 Gish Rd	41484	4/24/96	Surface
341 Elm Rd	50813	6/3/96	Ex System
1741 Lebanon Rd	41486	6/7/96	Surface / Back Up
987 Cool Spring Rd	50849	7/12/96	Sewer Pipe
555 Hiview Dr	50831	9/12/96	Surface / Flood
270 Fruitville Pike	50812	9/16/96	Surface
765 W Lexington Rd	50842	10/25/96	New Tank
923 Holly Tree Rd	50871	11/22/96	Back Up / Flood
389 W Lexington Rd	50892	1/7/97	Septic Tank
1484 Mountain Rd	41311	4/10/97	Surface
26 Sego Sago Rd	41477	5/5/97	Septic Tank
268 Fairland Rd	41493	5/16/97	Surface
712 Temperance Hill Rd	50873	5/29/97	Flooded

<b>Address of Repair</b>	<b>Permit Number</b>	<b>Repair Date</b>	<b>Malfunction Description</b>
1735 Keith Ln	50907	6/10/97	Flooded
373 W Lexington Rd	50909	6/10/97	Flooded
255 N Penryn Rd	50896	6/23/97	Surface
114 Lititz Rd	50895	6/24/97	Surface
597 Hiview Dr	50878	7/18/97	Surface
1777 Lebanon Rd	50912	7/22/97	Flooded
1769 Lebanon Rd	50852	8/7/97	Surface
2119 N Penryn Rd	41479	9/17/97	Surface
2310 Mountain Rd	50897	10/8/97	Surface
567 Schoolway Dr	40274	10/13/97	Surface
1320 Newport Rd	40224	10/24/97	Septic Tank
716 W Lexington Rd	50919	10/29/97	Flooded
211 Elm Rd	40267	3/26/98	Septic Tank
2040 Sanctuary Rd	29158	6/23/98	Surface
499 Fruitville Pike	29155	6/23/98	Septic Tank
647 Fruitville Pike	29162	7/2/98	Septic Tank
1284 Mountain Rd	29168	8/5/98	Septic Tank
877 Pleasant View Rd	29159	8/24/98	Surface
979 E Meadow Rd	12204	9/9/98	Septic Tank
404 Fruitville Pike	29164	9/10/98	Surface
1334 Carol Ln	12212	10/15/98	Surface
732 Temperance Hill Rd	12214	11/10/98	Surface
336 Lititz Rd	12216	11/10/98	Flooded
922 Newport Rd	12218	11/25/98	Surface
308 Lititz Rd	12244	4/14/99	Flooded
710 W Lexington Rd	12230	6/21/99	Flooded
1031 Woodlot Rd	12267	7/8/99	Cesspool
353 Lititz Rd	12258	7/15/99	Flooded
2011 Sanctuary Rd	12260	7/27/99	Surface
710 W Newport Rd	12270	7/28/99	Surface
955 Holly Tree Rd	12299	9/27/99	Surface
419 Doe Run Rd	12239	10/6/99	Flooded
893 Fruitville Pike	12297	11/16/99	Flooded
963 Fruitville Pike	90054	1/18/00	Flooded
874 White Oak Rd	47164	4/24/00	Septic Tank
874 White Oak Rd	47164	4/24/00	Septic Tank
525 Power Rd	47150	5/5/00	Surface
525 Power Rd	47150	5/5/00	Surface
222 Elm Rd	47147	6/2/00	Surface
750 Doe Run Rd	47148	7/25/00	Flooded
1792 N Penryn Rd	47160	8/8/00	Surface
1344 N Penryn Rd	47133	8/18/00	Surface
1169 E Meadow Rd	12207	9/12/00	Flooded
1377 E Meadow Rd	47198	9/22/00	Flooded
2394 Mountain Rd	47170	10/30/00	Cesspool
631 Fruitville Pike	90098	12/22/00	Septic Tank

Address of Repair	Permit Number	Repair Date	Malfunction Description
1367 N Penryn Rd	90112	5/22/01	Septic Tank
1906 Airy Hill Rd	41310	5/31/01	Surface
603 Lititz Rd	90061	6/15/01	Flooded
40 S Penryn Rd	90148	8/10/01	Surface
2363 Scenic Dr	95778	11/7/01	Septic Tank
1292 White Oak Rd	95753	11/20/01	Surface
2355 Scenic Dr	47158	11/23/01	Flooded
1563 Newport Rd	88970	3/8/02	Septic Tank
942 Junction Rd	90073	5/23/02	Surface
206 Andrea Dr	95841	5/28/02	Flooded
206 Audrey Dr	95841	5/28/02	Flooded
2241 E Mount Hope Rd	95829	5/30/02	Update system
SOURCE: PENN TOWNSHIP SEWAGE ENFORCEMENT RECORDS 1985 TO PRESENT			

To further evaluate the status of on-lot systems in the planning area, Sewage Needs Surveys were conducted simultaneously with the well sampling in May and June of 2002. Copies of all the surveys are included in Appendix E. Field investigations of the on-lot sewage disposal systems were also conducted.

The SEO records and the Sewage Needs Survey results were then analyzed and categorized using the classification method found in Table 3-2.

Utilizing the SEO records and the survey results, Table 3-3 provides a summary of the categories of on-lot systems within the Township. Map 11 shows the geographic distribution of the categories listed in Table 3-3.

TABLE 3-2 EXISTING NEEDS CLASSIFICATION CATEGORIES	
Confirmed Malfunction	Confirmed through observation by SEO or other qualified professional, dye testing, best technical guidance repairs, seasonally wet absorption areas, system back-ups, piped discharges with evidence of sewage.
Suspected Malfunction	Abnormally green grass, piped discharges without evidence of sewage, absorption areas with known unsuitable soils, cesspools in high density development, and pit privies.
Potential Malfunction	Appear to operate satisfactorily but are one of the following: 1. Pre-regulatory system or are unlikely to receive a permit under, current regulations 2. Repair due to poor site condition, 3. Repair due to aging system, or 4. Septic tank pumping more frequently than once per year.
Wildcat Sewer System	Sewage collection system with multiple connections and a unlawful discharge.
Borehole Disposal	Discharge to a hole or abandoned well
Holding Tank	As per survey response or SEO files, drainfield has been abandoned and a holding tank has been used to retain sewage until pumping is required.
Adequate or New System	Survey Response indicates adequate site conditions or SEP issued a new permit.
SOURCE: DEP MARCH 1996 ACT 537 NEEDS IDENTIFICATION GUIDANCE	

**TABLE 3-3  
PENN TOWNSHIP EXISTING NEEDS  
CLASSIFICATION**

Category	Number	% of Total
Confirmed Malfunction	147	19.31
Suspected Malfunction	21	2.75
Potential Malfunction	403	52.95
Holding Tank	2	0.29
Adequate	188	24.70
Total	761	100
SOURCE: SEO RECORDS AND SEWAGE NEEDS SURVEY		

According to the survey, there were 15 people that indicated their system was constructed prior to 1972 (before modern permitting and design), also 22 of the surveys received indicated they had an elevated sand mound system.

Other types of on-lot systems in use included standard subsurface systems. As depicted by the soils mapping on Map 4, 379 parcels have site conditions, which are generally unsuitable for on-lot systems according to today's regulations.

**TABLE 3-4  
PENN TOWNSHIP EXISTING NEEDS  
CLASSIFICATION,  
HI-VIEW SEWAGE PLANNING DISTRICT**

Category	Number	% of Total
Confirmed Malfunction	6	15.78
Suspected Malfunction	2	5.28
Potential Malfunction	3	7.89
Holding Tank	0	0
Adequate	27	71.05
Total	38	100
SOURCE: SEO RECORDS AND SEWAGE NEEDS SURVEY		

PAI Corporation owns a property at 40 South Penryn Road which utilizes a holding tank for sewage disposal. Amish School along Fairland Road contains a privy. The Township presently has an ordinance that regulates privies. A copy of the Township's privy ordinance is provided in Appendix B.

Based on the results in Table 3-3, approximately 75% of the systems analyzed contain some level of malfunction or are on a holding tank. The existing needs analysis was further analyzed based on the three sewer planning districts just like the well samples in Chapter 2 of this Plan.

**TABLE 3-5  
PENN TOWNSHIP EXISTING NEEDS  
CLASSIFICATION,  
LEXINGTON SEWAGE PLANNING DISTRICT**

Category	Number	% of Total
Confirmed Malfunction	2	4.44
Suspected Malfunction	4	8.88
Potential Malfunction	6	13.33
Holding Tank	0	0
Adequate	33	73.35
Total	45	100
SOURCE: SEO RECORDS AND SEWAGE NEEDS SURVEY		

Penryn Sewer Planning District displayed the highest percentage of confirmed malfunctions at 26.33 amongst the three sewer planning districts. This is not surprising due to the high number of on-lot sewage disposal systems set on smaller village lots. The Hi-View Sewer Planning District showed the second highest percentage of confirmed malfunctions at 15.78 this area is also characterized by smaller lots with no room for replacement systems. The Lexington Sewer Planning District contained the lowest percentage of confirmed malfunctions at 4.44 due large in part to the larger lot sizes located in this region.

**TABLE 3-6  
PENN TOWNSHIP EXISTING NEEDS  
CLASSIFICATION,  
PENRYN SEWAGE PLANNING DISTRICT**

Category	Number	% of Total
Confirmed Malfunction	30	26.33
Suspected Malfunction	9	7.89
Potential Malfunction	28	24.56
Holding Tank	0	0
Adequate	47	41.22
Total	114	100
SOURCE: SEO RECORDS AND SEWAGE NEEDS SURVEY		

Table 3-7 reveals the responses to the frequency of septic tank pumping amongst those properties that were surveyed. Analyzing the frequency of pumping provides a basis to the level of on-lot sewage disposal maintenance occurring within the Township. Nearly 30% of the property owners interviewed have had their systems pumped within the last five years. Generally, it

is acceptable to pump an on-lot sewage disposal system every five years. However, the system owner may need to pump more frequently depending on the system size and the number of users that affect the system annually.

What is concerning is the 70% of the properties surveyed indicating that they pump their systems greater than five years or do not recall the last time the system was pumped. This phenomenon of not knowing when your system was pumped last or have never pumped a system is not limited to just Penn Township, Lancaster County. These numbers continue to increase especially with rural municipalities that have witnessed growth in residential areas that utilize on-lot sewage disposal methods. Often times, many homeowners in these rural areas are familiar with living in an urban or suburban setting utilizing a public sewage disposal method. In these cases, property owners are unaware of the ramifications of improper maintenance of an on-lot sewage disposal system. It is in these instances municipalities need to take a proactive approach to educating and sometimes mandating on-lot system maintenance.

TABLE 3-7 FREQUENCY OF PUMPING		
Timeframe	Number	% of Total
> 0 to < 1 year	14	4.8
Every 1 to 2 years	49	17.0
Every 3 to 5 years	22	7.6
Every 6 to 10 years	6	2.1
> 10 years	2	1.0
Unknown or Never	194	67.5
SOURCE: PENN TOWNSHIP SEWAGE NEEDS SURVEY		

### 3.4 Unpermitted Disposal Areas

The Sewage Needs Survey and the SEO records did not reveal any unpermitted disposal areas such as “wildcat” sewers or borehole disposal.



### **3.5 Sludge Generation and Disposal**

Sludge generated from the processing of municipal sewage at the Authority's existing WWTF is hauled as a liquid at 2% solids to a DEP-permitted sewage sludge disposal facility.

The planning area is comprised of 1,179 EDUs, which are estimated to produce approximately 188,640 gallons of septage per year (based on the standard of 160 gallons of septage per year per EDU). The primary source of the septage is residential. Septage hauling is contracted privately by individual property owners and is transported by truck to DEP-permitted septage disposal facilities. Erb Bros., Klines and Armstrong are the three main septage haulers in the Township and they transport to either their own facility or to Manheim Borough's facility.

### **3.6 Federal Programs**

Penn Township has not conducted any previous wastewater studies or projects for the planning area under the Federal Construction Grants Program.

### **3.7 Local Programs**

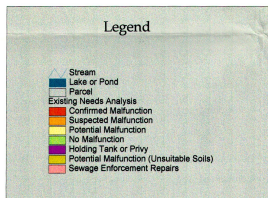
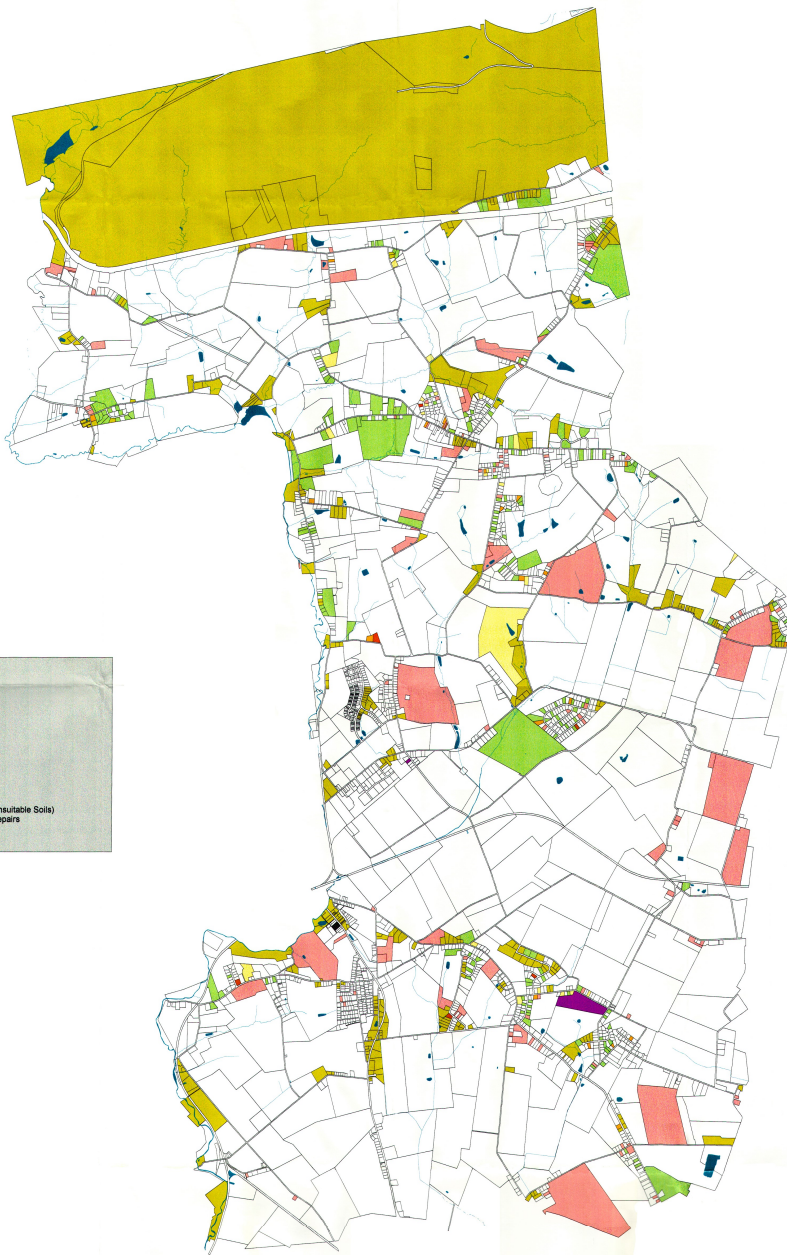
Consistent with the requirements of DEP, the Township's SEO oversees the on-lot permitting program. The SEO also enforces applicable DEP regulations and reviews on-lot permitting applications. Planning Modules for land development are required when applicable and are reviewed by the appropriate Township officials, the SEO and Lancaster County Planning Commission. There are no foreseen problems with the local program that may lead to improperly sited and installed systems.

### **3.8 Summary of Existing Wastewater Facilities**

Overall, the Township contains a significant amount of on-lot system malfunctions. This high malfunction rate can be attributed to on-lot sewage disposal systems placed upon smaller lots with inadequate room for a replacement system, poor on-lot sewage disposal system maintenance and pumping, or on-lot sewage disposal

systems installed prior to modern permitting and design.

As witnessed in both the well sampling results and the results from the on-lot survey, the Township contains major health concerns associated with malfunctioning on-lot sewage disposal systems that need to be addressed. When comparing the results for the three sewer planning districts they all appear to warrant public sewer alternatives with none displaying more precedence than the others.



Base Map Source: Lancaster County GIS Landbase  
 Projection: Pennsylvania State South, NAD 83, U.S. FEET  
 Draft Date: March 13, 2012  
 Adoption Date: October 27, 2012

**RETTEW**



# Map 11

## Existing Needs Analysis

Penn Township,  
Lancaster County

# CHAPTER 4:

## FUTURE GROWTH AND DEVELOPMENT

TABLE 4-1  
PENN TOWNSHIP POPULATION  
PROJECTION UTILIZING  
THE GEOMETRIC REGIONAL  
EXTRAPOLATION / 1990 SHIFT SHARE

Year	Population	% Change
1960	3,072	N/A
1970	3,801	23.73
1980	5,865	54.30
1990	6,760	15.26
2000	8,000	18.34
2010	9,485	18.56

SOURCE: 1993 MANHEIM CENTRAL REGION  
COMPREHENSIVE PLAN

Geometric Regional Extrapolation / 1990 Shift Share: This population projection is taken from the 1993 Manheim Central Region Comprehensive Plan which utilized 1990 U.S. Census information. This method of projection calculates the average growth was about 15.4 per decade since 1950. Then, Manheim Borough's recent growth slow-down was calculated to be 4.3 per decade since 1970. This 4.8 percent was applied to the Borough, then, the remaining growth was allocated 55 percent to Berks Township and 45 percent to Penn Township.

### 4.1 Subdivision Activity

With respect to sewage facilities planning, it is important to closely monitor growth to ensure that each proposed lot has an adequate means of sewage disposal. If on-lot sewage disposal methods are proposed for new subdivisions, each lot should be of sufficient size and have proper site conditions to accommodate an initial and a replacement absorption field. Likewise, proposed growth in areas that are served by public sewers requires an evaluation of all pertinent wastewater collection, conveyance, and treatment facilities. To address this issue, the DEP requires municipalities and developers to demonstrate that adequate sewage facilities are available prior to the approval of subdivisions or land developments. With few exceptions, a Planning Module for Land Development must be submitted, and approved by, the municipality and the Department before subdivision and land development approval can be obtained.

Subdivisions within the Township were researched to ensure that Planning Modules were being required. The research demonstrated that the Township has an effective Planning Module program and has been consistently requiring Modules for subdivisions when appropriate.

### 4.2 Population Projections

When evaluating future wastewater facility needs, it is important to forecast anticipated future populations. Population growth is affected by a multitude of variables including local and regional economy, infrastructure, and the availability of suitable land for development. Therefore, it is most beneficial to consider population projections in conjunction with anticipated future development.

Public officials use population projections to formulate future tax policies, to establish future zoning districts, and to address other public matters relating to population and its characteristics. Future decisions and policy in these categories should be based on a projection that is theoretical in nature, but tempered by judgements sensitive to the area's future development potential.

One of the problems in projecting population growth is that there is always a degree of potential error. In the case of large urban areas, regions, states, and the nation, a slight error in estimating trends might have little practical effect on the final results. However, with projections for a small area, a small error might have a serious impact on the validity of the results. The unanticipated loss of one major employer might not affect the population projections for a large city or county, while a small community may have its projection findings rendered invalid by such an event.

The length of the forecast period will also have an influence on the validity of the projection. Obviously, conditions that are likely to prevail within the next ten years can be estimated with a greater assurance than those spanning a much larger time period can.

Four population projections have been provided in this Plan for the Township to consider. The first population projection was gleaned from the Manheim Central Region Comprehensive Plan and has a 2010 projected population target. This population was developed in the early nineties utilizing 1990 U.S. Census data. The other three projections are based on 2000 U.S. Census data and a thirty year projected population was calculated, with a target date of 2030. The four population projections along with the methodology are located in Tables 4-1, 4-2, 4-3, and 4-4. Total housing units were then determined for all four population projections utilizing the average household size for Penn Township of 2.74 persons from the 2000 U.S. Census. Table 4-5 displays the projected housing units based upon the population projections.

TABLE 4-2  
PENN TOWNSHIP POPULATION  
PROJECTION UTILIZING  
THE GEOMETIC METHOD

Year	Population	% Change
1960	3,072	N/A
1970	3,801	23.73
1980	5,865	54.30
1990	6,760	15.26
2000	7,312	8.16
2010	9,166	25.36
2020	11,490	25.36
2030	14,403	25.36

SOURCE: U.S. CENSUS AND RETTEW  
ASSOCIATES, INC.

Geometric Method: This is the simplest method of forecasting population growth. By taking the per decade percentage growths in population for the period 1960-2000 and averaging them, then applying this average growth rate to the next thirty years, future populations for the years 2010, 2020 and 2030 were determined. This method assumes that typical economic and social cycles will continue, and that no limiting factors, such as land

TABLE 4-3  
PENN TOWNSHIP POPULATION  
PROJECTION UTILIZING  
THE LINEAR METHOD

Year	Population	% Change
1960	3,072	N/A
1970	3,801	23.73
1980	5,865	54.30
1990	6,760	15.26
2000	7,312	8.16
2010	8,151	11.4
2020	9,017	10.62
2030	9,849	9.22

SOURCE: U.S. CENSUS AND LANCASTER  
COUNTY PLANNING COMMISSION

Lancaster County Planning Commission Projections: The Lancaster County Planning Commission is currently preparing population projections for each municipality in the County to the year 2032. Draft projections are currently available and estimated for the Township's year 2010, 2020, and 2030 population. These numbers equate to respective growth rates 1.1% per year to

TABLE 4-5 PROJECTED HOUSING UNITS PER DECADE BASED ON POPULATION PROJECTIONS			
Projection Method	2000-2010 Projected Housing Units Per Decade	2010-2020 Projected Housing Units Per Decade	2020-2030 Projected Housing Units Per Decade
1993 Comprehensive Plan Method	541	N/A	N/A
Geometric Method	676	848	1,063
Lancaster County Planning Commission Linear Method	306	316	292
Arithmetic Method	333	333	333
SOURCE: RETTEW ASSOCIATES INC.			

As a supplement to census data, the Township staff provided local building permit data for the last several years. That data showed that for the period covering 1997-November 2002 the number of new residential building permits issued by the Township was 194. These numbers indicate an average of 32 new residential structures per year continuing from the mid-1990s to the present day. A complete breakdown of the total number of building permits issued per year is found in Table 4-6.

The Township contains a number of subdivisions that continue to be active as well as a number of potential subdivisions in which developers have received conditional approval or have an application pending with the Township regarding development. The following is a listing of subdivision activity since the previous plan and potential subdivisions with proposed dwelling units:

1. Rohen Ridge Development  
14 lots (0 remaining)  
On-lot water and sewer
2. Silverwood Development  
27 lots (4 remaining)  
On-lot water and sewer
3. Pleasantview Retirement Community  
178 Additional Units (0 Remaining)  
19 Proposed Units  
Public water and sewer

TABLE 4-4 PENN TOWNSHIP POPULATION PROJECTION UTILIZING ARITHMETIC METHOD		
Year	Population	Persons Per Decade
1950	2,734	N/A
1960	3,072	338
1970	3,801	9
1980	5,865	2,784
1990	6,760	892
2000	7,312	555
2010	8,227	915
2020	9,142	915
2030	10,057	915
SOURCE: U.S. CENSUS AND RETTEW ASSOCIATES, INC.		

Arithmetic Method: This method calculated the average increase/decrease of persons per decade in the Township since 1950 as 915, then taking that average and calculated the 2010, 2020, and 2030 population. Based on this method a 12.51% increase was calculated for the 2000- 2010 decade or 1.2% increase per year, a 11.12% increase for the 2010 –

TABLE 4-6 PENN TOWNSHIP BUILDING PERMITS	
Year	Permits Issued
1997	24
1998	39
1999	31
2000	28
2001	32
2002	40
SOURCE: PENN TOWNSHIP YEARLY BUILDING PERMIT RECORDS	

4. Mallard Ponds  
230 lots (48 remaining)  
14 Proposed lots  
Public water and sewer
5. Ike Geib Subdivision  
5 lots (0 Remaining)  
On-lot water and sewer
6. Metzler Subdivision  
7 lots (6 remaining)  
On-lot water and sewer
7. Power Road Development  
16 lots (0 remaining)  
Public sewer and on-lot water
8. Barons Ridge Subdivision  
103 lots proposed  
Public water and sewer  
*Status: Phase 1 Conditional Final Plan Approval*
9. Cedar Hollow Subdivision  
221 lots proposed  
Public water and sewer (water provided by Manheim  
Borough Authority)  
*Status: Phase 1 Conditional Final Plan Approval*
10. Brookshire Subdivision  
231 lots proposed  
Public water and sewer  
*Status: Phase 1 Conditional Final Plan Approval*
11. Sweetbriar Creek Subdivision  
198 lots proposed  
Public water and sewer (water provided by Manheim  
Borough Authority)  
*Status: Preliminary Plan Pending*
12. Mallard Ponds Phase III  
33 lots proposed  
Public water and sewer

13. Manheim Auto Auction  
13 proposed EDUs  
Public sewer

14. Shopping Center  
13 proposed EDUs  
Public water and sewer

Map 12 shows the location of the previously listed developments. With the exception of the Ike Geib Subdivision and a portion of the Brookshire Subdivision all of the existing and proposed subdivisions are contained within the Manheim Area Urban Growth Boundary or the Penryn Village Growth Boundary. When taken in total, these developments provide approximately 800 currently planned housing units that would be available to absorb the projected growth in the Township.

When evaluating the proposed housing units utilizing the population projections with that of the Township's yearly average of new building permits of 32 permits per year, both the 1993 Township's Comprehensive Plan Method with an anticipated annual average of 54.1 housing units along with the Geometric Method with an anticipated annual average of 67.6 housing units appears to be high. Additionally, the 800 currently planned housing units contained in all the proposed subdivision within the Township renders the Lancaster County Planning Commission Linear Method's population projection too low. This Act 537 Plan, therefore, will utilized the projections generated by the Arithmetic Method as a number that falls closest to the yearly average building permits along with accounting for the currently planned housing units associated with the new developments occurring within the Township.

#### **4.3 Future Growth Areas**

As mentioned in the previous section all residential subdivisions within Penn Township since the previous Act 537 Plan have occurred within the Manheim Area Growth Boundary or the Penryn Village Growth Boundary with the exception of all of the Ike Geib Subdivision and about half of the proposed Brookshire Subdivision. The Brookshire Subdivision is however

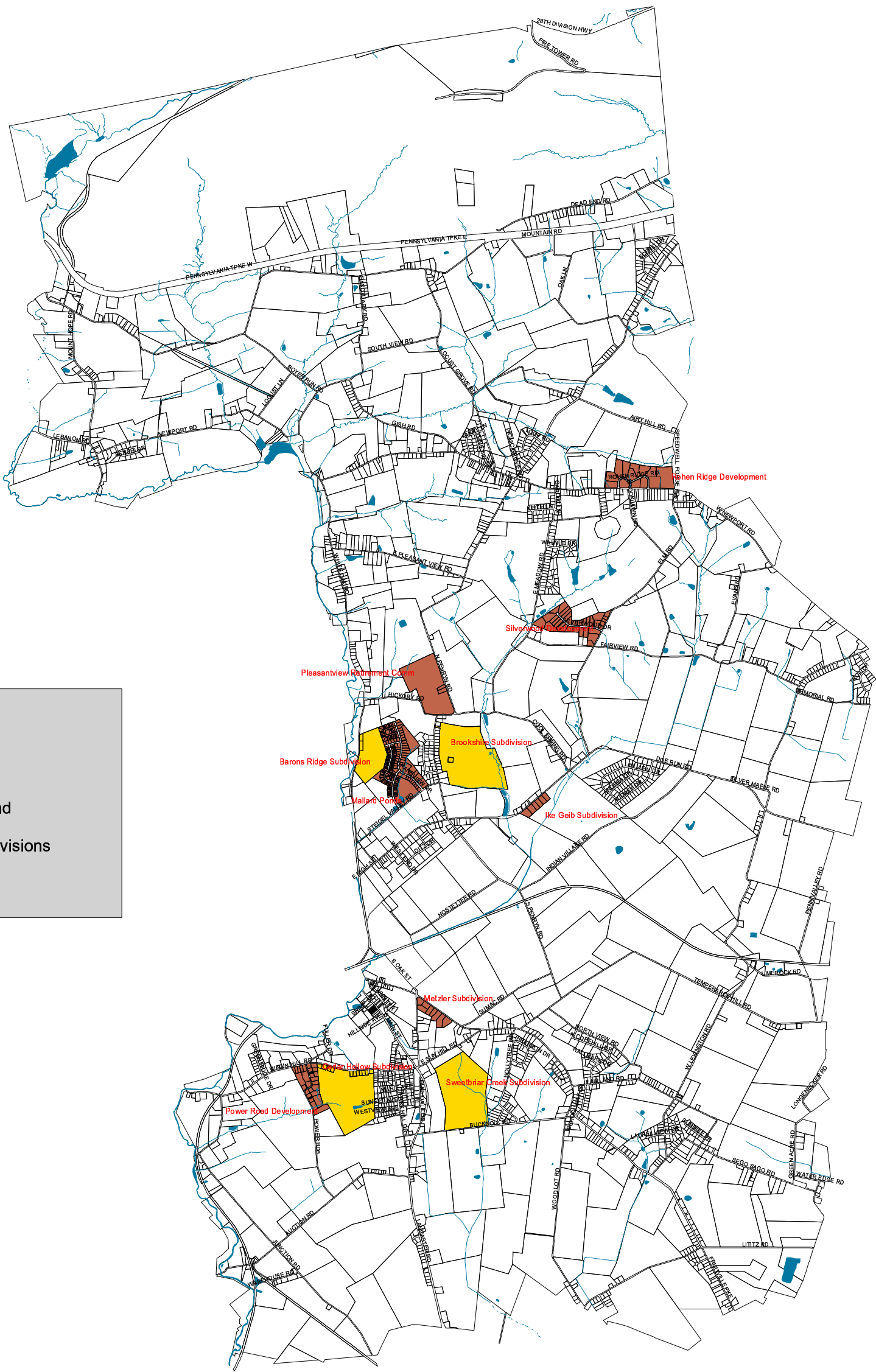


within the Township's Residential R-2 Zoning District. Based on the residential subdivision review, it would appear that the Township's planning approach coupled with the amount of preserved farms and farms in agricultural security areas has been effective in directing growth to appropriate areas in the Township and protecting the strong agricultural uses that have dominated the Township's landscape for decades.


The Township's Zoning Ordinance and Comprehensive Plan as well as the Growth Boundaries should continue to direct growth effectively to areas within the Manheim Area Urban Growth Boundary and Penryn Village Growth Boundary. The Township should be cognizant of the recent influx of proposed residential subdivisions in the Township and carefully track new subdivisions to ensure growth continues to occur in appropriate areas within the Township. The Township should continue to embrace the strong agricultural heritage by working with interested farmers in applying for preserved farm and agricultural security area status.


#### **4.4 Summary of Wastewater Planning Needs**


Penn Township continues to grow and effectively control their growth within the designated growth areas in the Township, however, portions of the Manheim Area Urban Growth Area and none of the Penryn Village Growth Area is currently serviced by public sewerage. The sewer planning districts discussed in Chapters 2 and 3 of this Plan are contained within these growth areas with the exception of Hi-View. Although the Hi-View Sewer Planning District is not within the designated growth areas, it is currently zoned Residential R-1. Therefore, the Township should continue to evaluate structural alternatives for the sewer planning districts of Hi-View, Lexington, and Penryn within this plan. All alternatives proposed in this plan should be sized accordingly so as to not promote growth in areas outside the sewer planning district or the Township's designated growth areas.




Legend


 Stream

 Lake or Pond

 Parcel

Residential Subdivisions

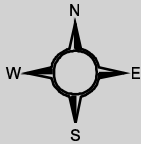
 Existing

 Proposed

Base Map Source: Lancaster County GIS Land base  
Projection: Pennsylvania State South, NAD 83, U.S. FEET  
Draft Date: March 13, 2002  
Adoption Date: October 27, 2003



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Map 12

Residential Subdivisions

and Growth Areas

Penn Township,

Lancaster County

# CHAPTER 5:

## IDENTIFICATION OF ALTERNATIVES

### 5.1 Overview of Alternatives

The alternatives, which are considered in this chapter, include the following:

1. No action alternative;
2. Repairs and continued use of existing facilities;
3. Public wastewater collection, conveyance and treatment alternatives; and
4. Local agency programs and regulations.

Each alternative is discussed in detail below.

### 5.2 No Action Alternative

The no action alternative is acceptable only where threats to public health or pollution of groundwater and surface water sources will not occur or continue to occur. The no action alternative may be applied to all or a portion of the planning area where sufficient documentation exists to support an assertion that safe sewage disposal is occurring. The no action alternative is considered inappropriate for the Hi View Sewer Planning District, Penryn Sewer Planning District, the Lexington Sewer Planning District, and the South Penryn Road Sewer Planning District area because it would result in negative impacts on groundwater quality, surface water quality, public health, economic development, and future growth with respect to sewage disposal methods. Additionally, degradation of the Township's tributaries to the warm water fishery Chiques Creek may have adverse ecological and recreational impacts.

### 5.3 Continued Use of Existing Facilities

Continued use of on-lot sewage disposal systems (OLDS) remains a viable option for the newer and larger lots in the less densely populated portions of the planning area. In such areas, OLDS are generally constructed according to modern standards and adequate area is available for a replacement absorption area or alternating absorption areas in the event of a malfunction.

However, due to the relatively high number of documented malfunctions in the Hi View Sewer Planning District, Penryn Sewer Planning District, and South Penryn Road Sewer Planning District, it is evident that a public sewage system is necessary. These areas are not conducive to on-lot sewage disposal systems due to poor site conditions. Additionally, due to the size of the lots, the density of development, and the slope of the land, it is unlikely that sufficient space is available for a properly functioning absorption area on most of these lots.

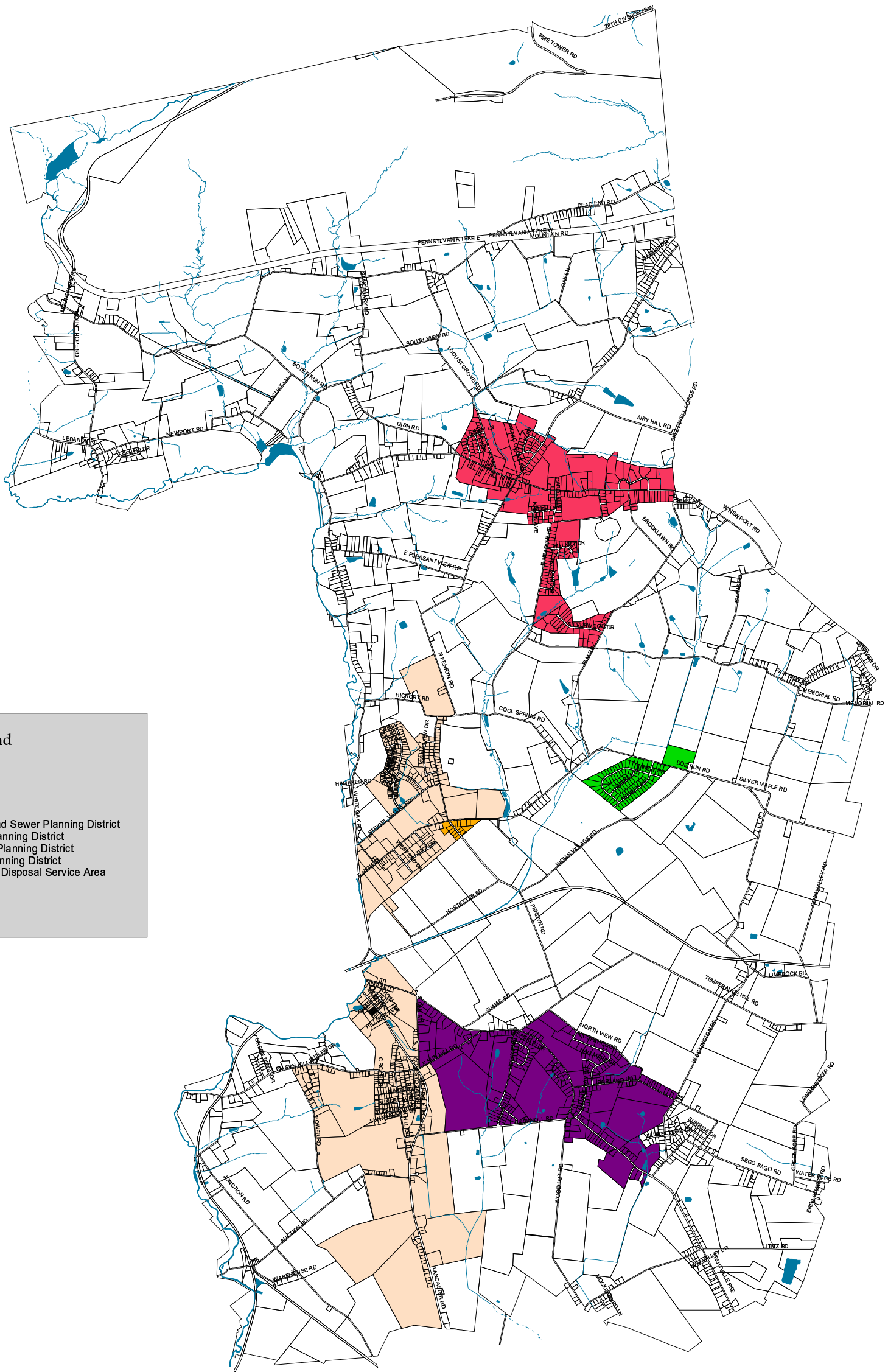
#### **5.4 Public Wastewater Collection, Conveyance, and Treatment Alternatives**

For the purpose of evaluating public sewer service, four independent sub-areas were used: 1) Hi View Sewer Planning District, 2) Penryn Sewer Planning District, 3) Lexington Sewer Planning District 4) South Penryn Road Sewer Planning District. Several alternatives for public wastewater service were then investigated for each of the four sub-areas.

Project construction cost opinions were developed for each alternative, and are presented in Tables 5-1 through 5-22. Costs are based on the conceptual layouts shown on Maps 14 through 29. The unit prices used in the cost opinions were taken from the bid results of similar municipal sanitary sewer projects that were constructed recently, correspondence with equipment manufacturers, and RSMeans® Heavy Construction Cost Data. The project cost opinions include figures for construction; legal, engineering and administrative services; construction observation services during construction; site acquisition; right-of-way costs; and a 10% construction contingency.

##### **5.4.1 Hi View Sewer Planning District**

The first sub-area includes the existing homes in the Hi View Development as well as the existing Penn Valley Village mobile home park. The following public sewer alternatives were considered for this area:



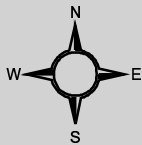
Legend

- Stream
- Lake or Pond
- South Penryn Road Sewer Planning District
- Hi-View Sewer Planning District
- Lexington Sewer Planning District
- Penryn Sewer Planning District
- Existing Public Sewage Disposal Service Area
- Parcel

Base Map Source: Lancaster County GIS Landbase  
Projection: Pennsylvania State South, NAD 83, U.S. FEET  
Draft Date: March 13, 2002  
Adoption Date: October 27, 2003

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Map 13  
2003 Sewer Planning Districts  
Penn Township,  
Lancaster County

Alternative 1A – Package Wastewater Treatment Facility (WWTF), Gravity Sewers, and Pumping Station

The first alternative includes 8-inch gravity sewers running northeast along Hi View Drive, Andrea Drive, and Audry Drive. This gravity sewer system would then continue under South Penryn Road and connect to the existing wastewater treatment facility at the Penn Valley Village mobile home park on north South Penryn Road. Hi View Drive and Andrea Drive, along with the southwestern portion of Hi View Development, would flow by gravity to a small wastewater pumping station located in the southwest corner of the Hi View development. The pumping station's forcemain would flow northeast along Audry Drive to the first gravity manhole past the crest in Audrey Drive. This alternative would serve approximately 100 existing homes in the Hi View Development and 96 existing homes in Penn Valley Village.

The proposed expansion would require the upgrade of the Penn Valley Village's existing package wastewater treatment facility, and require the WWTF to be dedicated to the Authority.

The estimated project cost for this alternative is approximately \$1,629,900.

Both the Township and the Authority have determined that Alternative 1A is not feasible. Consistent with the Township's policy of regional planning and the desire to move away from satellite WWTFs the Township would prefer to remove the existing WWTF from Penn Valley Village. The Township's decision is based upon the desire to remove a WWTF discharge from an intermittent stream, concern that the WWTF may not be properly maintained or operated, and the Township has determined that they would prefer to have the Penn Valley Village connected to the existing municipal wastewater collection and treatment facility.

Alternative 1B – Package Wastewater Treatment Facility, Gravity Sewers, and Individual Grinder Pumps with Low Pressure Sewers

This second alternative would also include a gravity sewer running northeast along Hi View Drive, Andrea Drive, and Audry Drive. However, instead of a small pumping station to service the homes on the southwestern side of the development, individual simplex grinder pumps would serve approximately 25 homes in the southwestern portions of Hi View Drive and Andrea Drive. The low pressure system would discharge into the manhole located at the high point of Audrey Drive. This alternative would service approximately 196 EDUs.

This alternative would also require the upgrade of the Penn Valley Village's existing package wastewater treatment facility, and require the WWTF to be dedicated to the Authority.

The estimated project cost for this alternative is approximately \$1,585,600.

Alternative 1B was not deemed feasible. Currently the Authority has adopted a policy decision to not service grinder pumps. Additionally, at the present time the Authority does not possess the manpower or facilities to properly service grinder pumps. Therefore the Township and the Authority have chosen not to pursue Alternative 1B.

#### Alternative 2A – Gravity Sewers, and Pumping Stations

This alternative includes 8-inch gravity sewers running northeast along Hi View Drive, Andrea Drive, and Audry Drive. Hi View Drive and Andrea Drive, along with the southwestern portion of the Hi View Development, would flow by gravity to a small wastewater pumping station located in the southwest corner of the development. The small pumping station forcemain would flow northeast along Audry Drive to the first gravity manhole past the apex of the road. The sanitary sewer would then continue to a large pumping station located adjacent to Doe Run Road. The pumping station forcemain would flow west along Doe Run Road to the first gravity manhole at the intersection of Doe Run Road and Penryn Road. This

extension would serve approximately 100 existing homes in the Hi View Development. The Penns Valley Mobile Home Park would not be serviced by this alternative.

The estimated project cost for this alternative is approximately \$2,314,400.

Due to the low number of potential new connections associated with Alternative 2A this alternative is not economically feasible. Additionally, this alternative does not service the existing EDUs in the Penns Valley Mobile Home Park. Therefore the Township and the Authority have chosen not to pursue Alternative 2A.

#### Alternative 2B – Gravity Sewers, Individual Grinder Pumps with Low Pressure Sewers and Pumping Station

This alternative would also include a gravity sewer running northeast along Hi View Drive and Andrea Drive. However, instead of a small pumping station to service the homes on southwestern side of the development, individual simplex grinder pumps would serve approximately 25 homes in the southwestern portions of Hi View Drive and Andrea Drive. The sewer would then continue to a larger pumping station located adjacent to Doe Run Road. The pumping station forcemain would flow west along Doe Run Road to the first gravity manhole at the intersection of Doe Run Road and Penryn Road. This extension would serve approximately 100 existing homes in the Hi View Development. The Penn Valley Mobile Home Park would not be serviced by this alternative.

The estimated project cost for this alternative is approximately \$2,279,500.

As in Alternative 2A, due to the low number of potential new connections associated with Alternative 2A this alternative is not economically feasible. In this alternative the existing Penn Valley WWTF would remain and as previously mentioned the Township would prefer removing this privately owned WWTF. Therefore the Township and the Authority have chosen not to pursue Alternative 2B.



### Alternative 3A – Gravity Sewers, and Pump Stations

This alternative includes 8-inch gravity sewers running northeast along Hi View Drive, Andrea Drive, and Audry Drive. Hi View Drive and Andrea Drive, along with the southwestern portion of the Hi View Development, would flow by gravity to a small wastewater pumping station located in the southwest corner of the development. The small pumping station forcemain would flow northeast along Audry Drive to the first gravity manhole past the high point of Audrey Drive. The sanitary sewer would then continue under Doe Run Road and parallel the Penn Valley Village western property line. The existing Penn Valley Village's WWTF would be abandoned and a new pumping station would be constructed adjacent to the existing WWTF. The pumping station forcemain would flow south to Doe Run Road and then west along Doe Run Road to the first gravity manhole at the intersection of Doe Run Road and Penryn Road. This extension would serve approximately 100 existing homes in the Hi View Development and 96 existing homes in Penn Valley Village.

The estimated project cost for this alternative is approximately \$2,329,800.

Alternative 3A was chosen as the most feasible alternative by the Township and the Authority. This alternative allows for the greatest number of new connections with the most efficient means of operation. The Authority also feels that by regionalizing the collection and treatment of wastewater in the Township the Authority's customers will be better served by a reduction in the duplication of services.

### Alternative 3B – Gravity Sewers, Individual Grinder Pumps with Low Pressure Sewers and Pumping Station

This alternative includes a gravity sewer running northeast along Hi View Drive and Andrea Drive. However, instead of a small pumping station to service the homes on southwestern side of the development, individual simplex grinder pumps would serve

approximately 25 homes in the southwestern portions of Hi View Drive and Andrea Drive. The sanitary sewer would then continue under Doe Run Road and parallel the Penn Valley Village western property line. The existing Penn Valley Village's WWTF would be abandoned and a new pumping station would be constructed adjacent to the existing WWTF. The pumping station forcemain would flow south to Doe Run Road and then west along Doe Run Road to the first gravity manhole at the intersection of Doe Run Road and Penryn Road. This extension would serve approximately 100 existing homes in the Hi View Development and 96 existing homes in Penn Valley Village.

The estimated project cost for this alternative is approximately \$2,259,900.

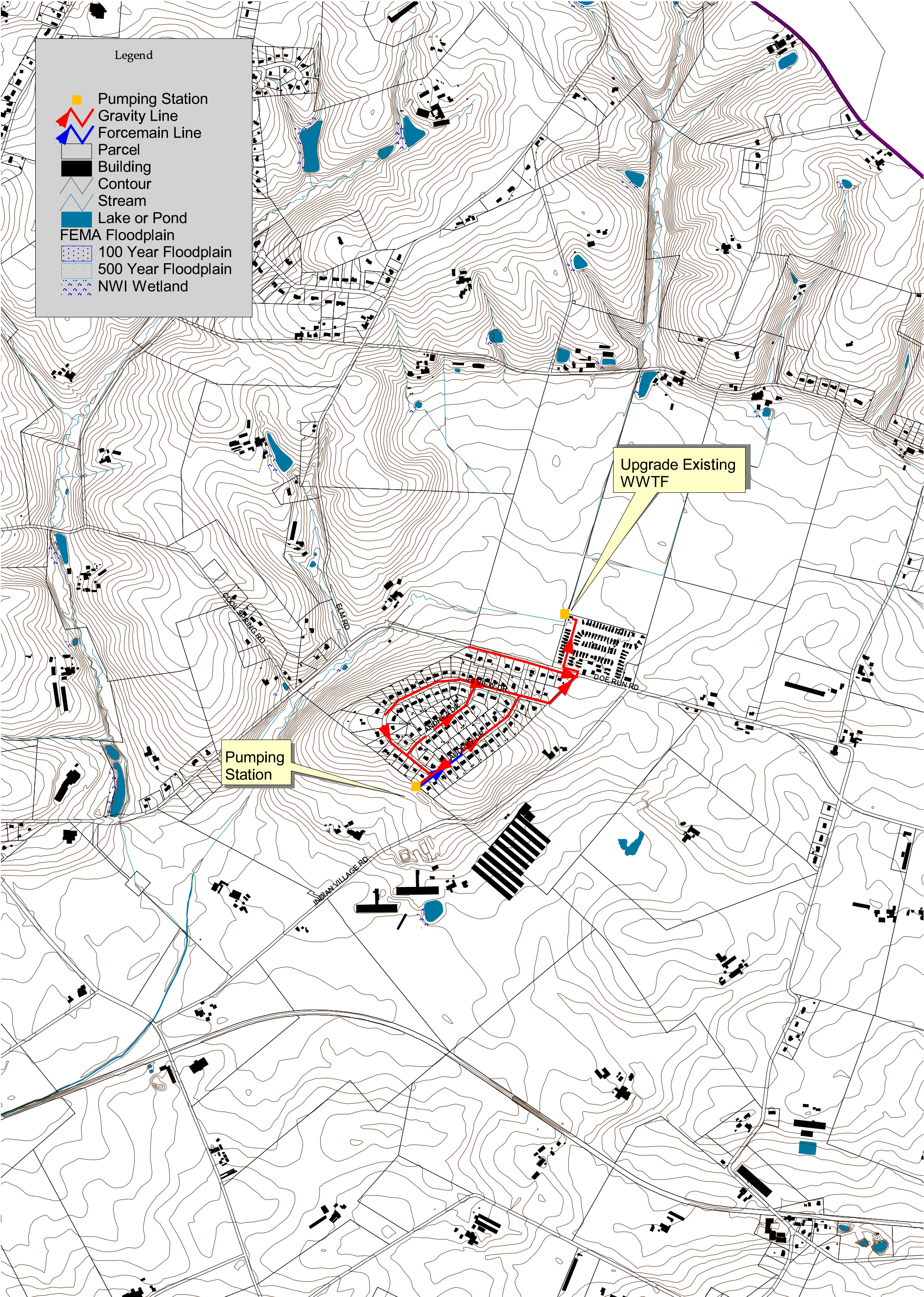
Alternative 3B was not deemed feasible. As previously mentioned in Alternative 1B, the Authority does not currently have the manpower or facilities to properly service grinder pumps in the proposed low-pressure sewer system. Therefore the Township and the Authority have chosen not to pursue Alternative 3B.

#### **5.4.2 Penryn Sewer Planning District**

The second sub-area includes the existing homes in the North Penryn Road, West Newport Road Area. Extending sanitary sewer service into this previously developed area will allow approximately 285 EDUs to connect to the public sanitary sewer system. The following public sanitary sewer alternatives were considered for this area:

##### Alternative 1 – Package Wastewater Treatment Facility, Gravity Sewers, Pumping Station, Individual Grinder Pumps with Low Pressure Sewers and Interceptor

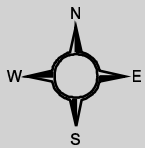
The first alternative includes a gravity sewer running west along West Newport Road to a low point near the intersection of West Newport and Meadow Road. An area of low-pressure sewer will be required to service the Rohen Ridge Road area. This low-pressure system will discharge into the West Newport Road gravity system previously described. A gravity sewer interceptor will then flow north along an unnamed tributary to Chiques Creek. As the interceptor intersects the creek it will turn west. The interceptor will then flow adjacent to the creek to the proposed wastewater treatment facility at the intersection of the creek and Locust Grove Road. Additional gravity sewer will flow east along West Newport Road to a low point near the intersection of West Newport and Meadow Road. The flow will at this point join with the wastewater flowing west on West Newport Road. Wastewater will also flow by gravity in a collector sewer running south along Meadow Road to a pumping station near the intersection of Meadow Road and Fairview Road including the Karen, Keith, and Christine Avenue, and the Bedington Circle area. A small area of low-pressure sewer will be necessary to service the Walnut Drive and Blairton Court areas. Wastewater from the Penryn Road, Loop Road area will flow by gravity north on Penryn Road and connect to the previously described proposed interceptor at the bottom of Penryn Road. The wastewater will also flow by gravity northwest on Locust Grove Road including Jerry Lane and Dave Circle to the proposed wastewater treatment plant at



Base Map Source Lancaster County GIS Landbase  
Projection: Pennsylvania State-South, NAD 83, U.S. FEET  
Draft Date: September 30, 2002  
Adoption Date: October 27, 2003



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Map 14  
Hi View Alternative 1A  
Penn Township,  
Lancaster County





Legend


 Gravity Line


 Low Pressure Line

 Building


 Parcel


 Lake or Pond


 Stream

 Contour

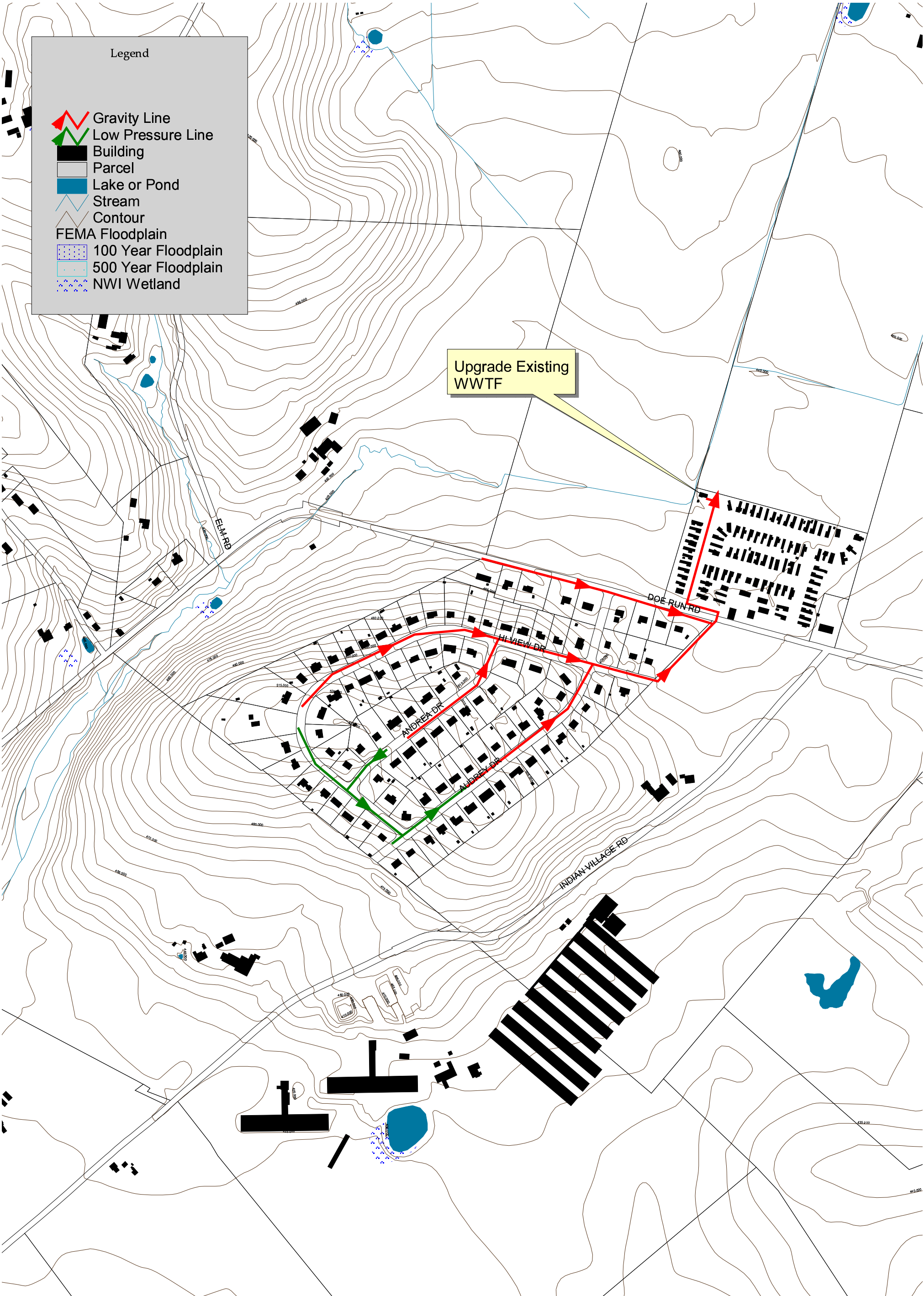
FEMA Floodplain

 100 Year Floodplain

 500 Year Floodplain

 NWI Wetland

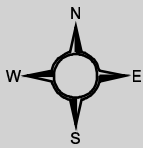
Upgrade Existing  
WWTF



Base Map Source: Lancaster County GIS Landbase  
Projection: Pennsylvania State South, NAD 83, U.S. FEET  
Draft Date: September 30, 2012  
Adoption Date: October 27, 2013

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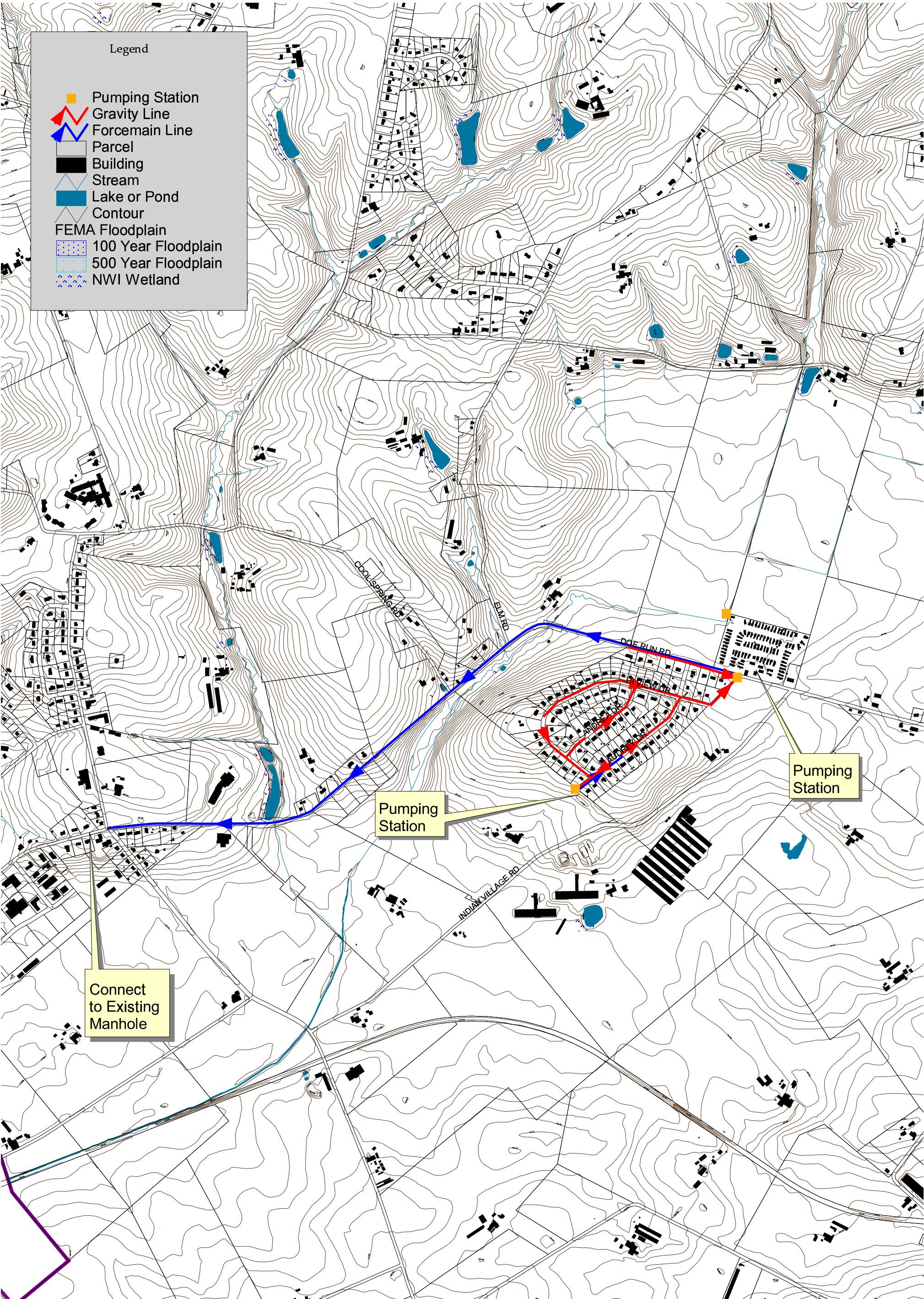
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Map 15  
Hi View Alternative 1B  
Penn Township,  
Lancaster County

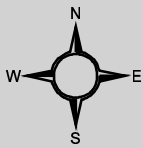




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Draft Date: September 30, 2012  
Adoption Date: October 27, 2013

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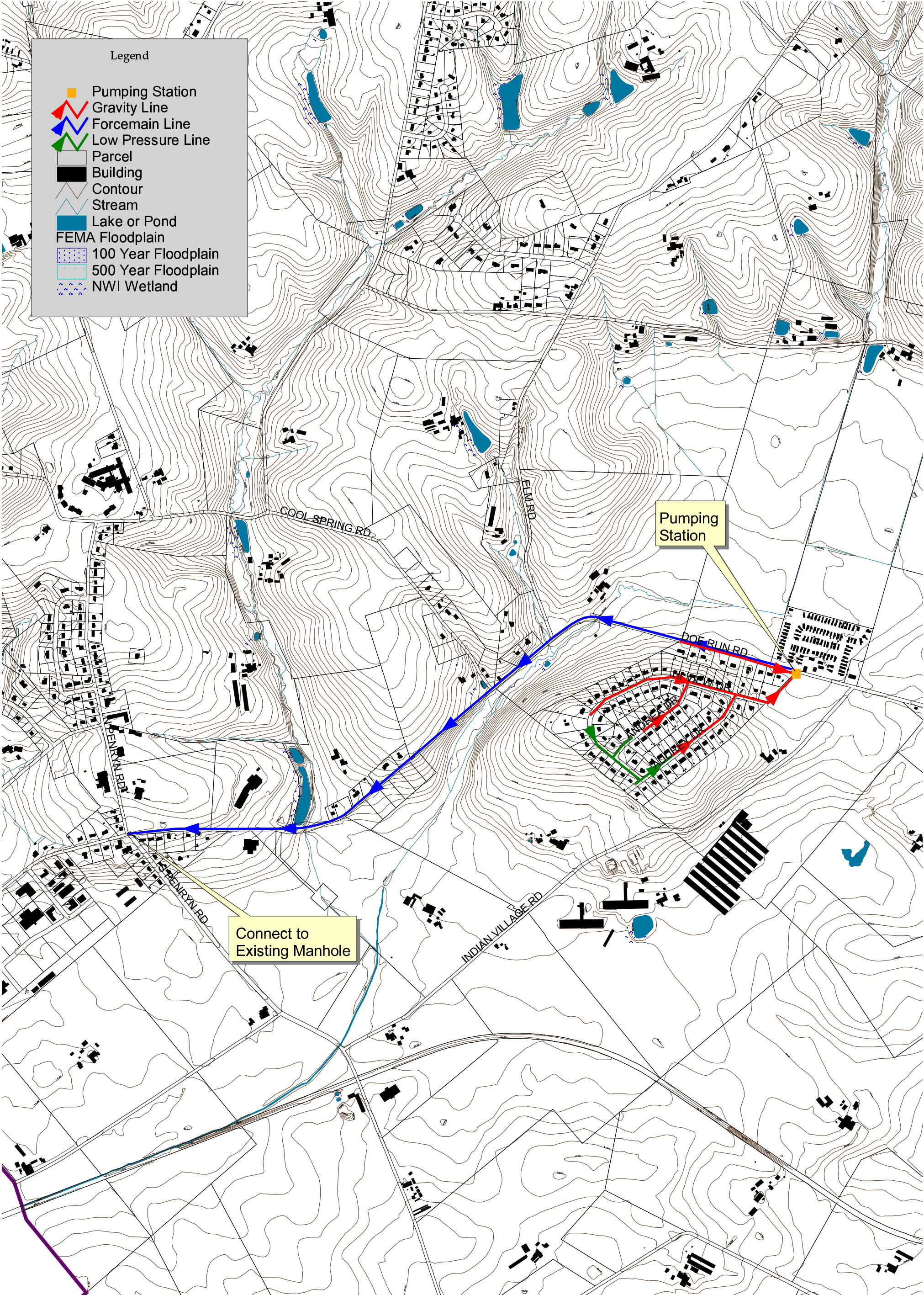
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**Map 16**  
**Hi View Alternative 2A**  
Penn Township,  
Lancaster County

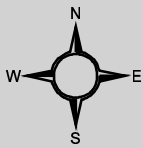




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Draft Date: September 30, 2012  
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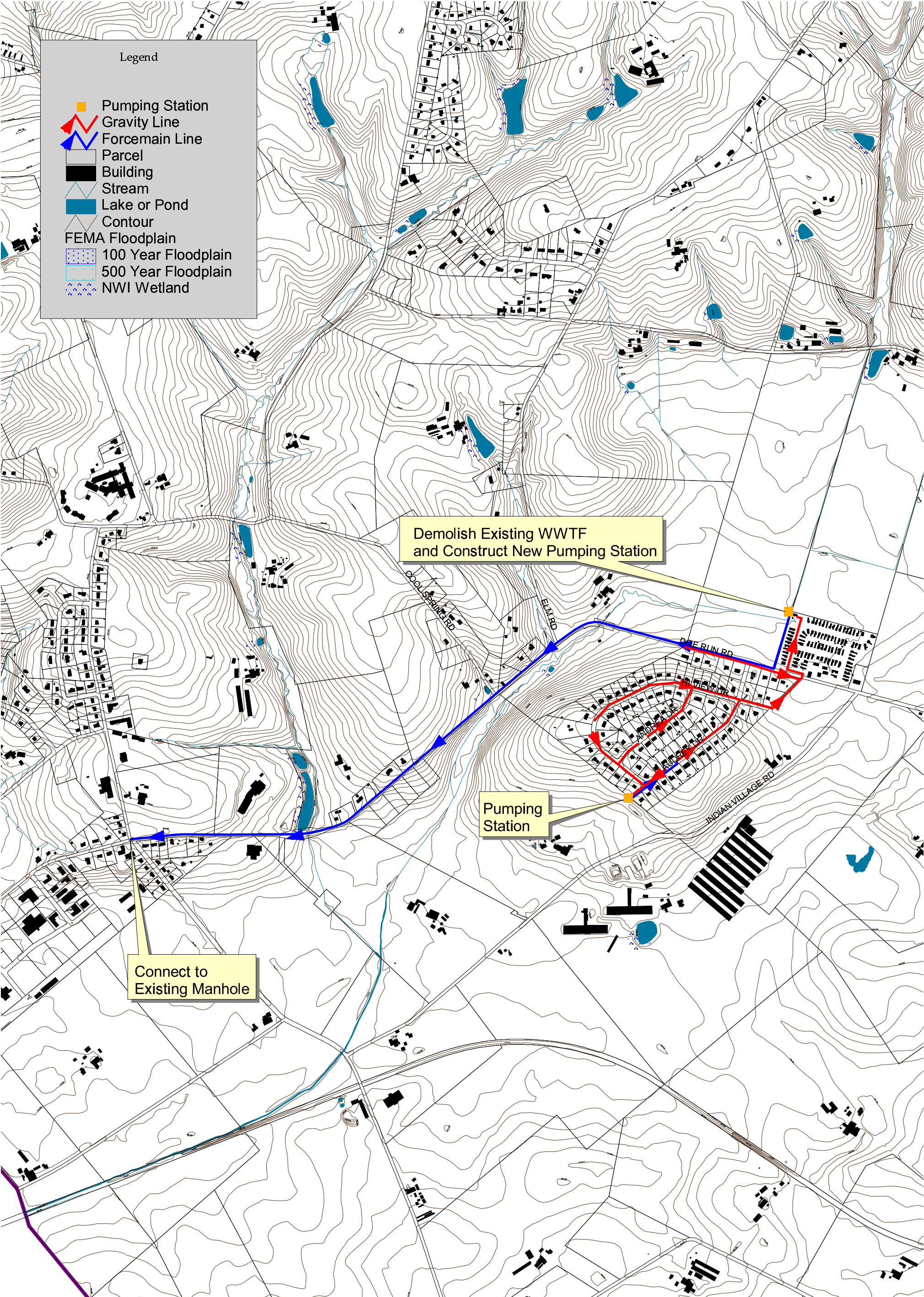
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**Map 17**  
**Hi View Alternative 2B**  
Penn Township,  
Lancaster County

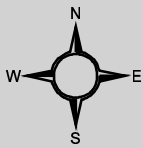




Base Map Source: Lancaster County GIS Landbase  
Projection: Pennsylvania State South, NAD83, U.S. FEET  
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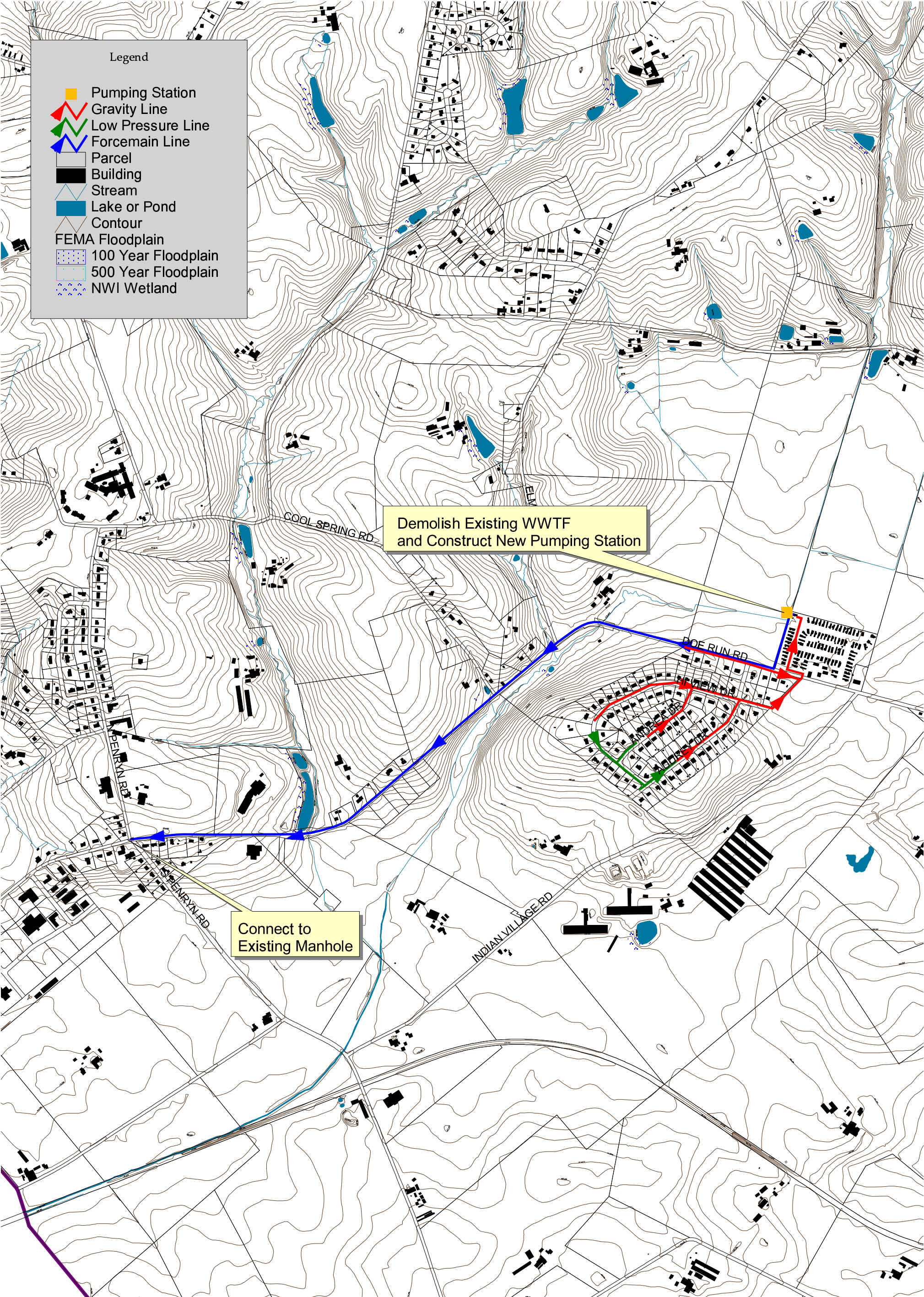
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**Map 18**  
**Hi View Alternative 3A**  
Penn Township,  
Lancaster County

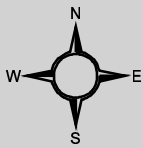




Base Map Source: Lancaster County GIS Landbase  
Projection: Pennsylvania State South NAD83, U.S. FEET  
Draft Date: September 30, 2012  
Adoption Date: October 27, 2013

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**Map 19**  
**Hi View Alternative 3B**  
Penn Township,  
Lancaster County

the intersection of Locust Grove and the unnamed tributary to Chiques Creek.

The estimated project cost for this alternative is approximately \$5,024,800.

Alternative 1 was not deemed feasible. Due to the high construction cost and the need to construct a satellite wastewater treatment facility the Township and the Authority have chosen not to pursue Alternative 1.

Alternative 2 – Package Wastewater Treatment Facility, Gravity Sewers, Pumping Stations, and Individual Grinder Pumps with Low Pressure Sewers

The second alternative includes a gravity sewer traversing west along West Newport Road to a low point near the intersection of West Newport and Meadow Road. At this point a proposed pumping station “A” will be constructed. The pumping station forcemain would flow west along Newport Road to the second gravity manhole past the intersection of Penryn Road and Newport Road. An area of low-pressure sewer will be required to service the Rohen Ridge Road area. This low-pressure system will discharge into the West Newport Road gravity system. Additional gravity sewer will flow east along West Newport Road to pumping station “A”. Gravity sewers will also flow south along Meadow Road, including the Karen, Keith, Christine Avenue, and the Bedington Circle area, to pumping station “B” near the intersection of Meadow Road and Fairview Road. The pumping station forcemain would flow north along Meadow Road to the first gravity manhole before the intersection of Meadow Road and Newport Road. A small area of low-pressure sewer will be necessary to service the Walnut Drive and Blairton Court area. This low-pressure system will discharge into the gravity sewer flowing south on Meadow Road. A gravity sewer will also flow north on Penryn Road, including Loop Road and connect to the proposed pumping station “C” at the bottom of Penryn Road. Pumping station “C’s” forcemain would flow south along Penryn Road to the second gravity manhole past the intersection of Penryn Road and Newport Road. Finally wastewater will flow by gravity northwest on Locust

Grove Road including Jerry Lane and Dave Circle to the proposed wastewater treatment facility at the intersection of Locust Grove and the unnamed tributary to Chiques Creek.

The estimated project cost for this alternative is approximately \$4,892,800.

Alternative 2 was not deemed feasible. As in Alternative 1, due to the high construction cost and the need to construct a satellite wastewater treatment facility the Township and the Authority have chosen not to pursue Alternative 2.

### Alternative 3 – Gravity Sewers, Pumping Stations, and Individual Grinder Pumps with Low Pressure Sewers

The third alternative is to combine all wastewater flows from the Penryn Road / West Newport Road areas at a common pumping station (Pumping station “D”) and pump the wastewater to the Authority’s existing collection system and wastewater treatment facility. To alleviate potential financial consideration that may occur from servicing such a large area at one time, the Penryn Sewer Planning District Alternative 3 has been divided into two phases.

#### Phase 1:

As in the first two alternatives, flow from the West Newport Road area would flow to a proposed pumping station “A” at a low point near the intersection of W. Newport and Meadow Road. Pumping station “A’s” forcemain will flow west along Newport Road and then south on Meadow Road to the second gravity manhole past the intersection of Meadow Road and Newport Road. An area of low-pressure sewer will be required to service the Rohen Ridge Road area. This low-pressure system will discharge into the West Newport Road gravity system.

The combined gravity sanitary sewage from Newport Road will flow by gravity south along Meadow Road, including the Karen, Keith, Christine Avenue, and the Bedington Circle area, to pumping station “D” near the

intersection of Meadow Road and Fairview Road. The pumping station forcemain would flow south along Meadow Road to Cool Spring Road discharging into the first gravity manhole in the intersection of Penryn Road and Hickory Lane.

Phase 1 of this alternative would service approximately 132 EDUs with an estimated project cost of approximately \$2,860,500.

Phase 2:

Wastewater will flow by gravity northwest on Locust Grove Road including Jerry Lane and Dave Circle to the proposed pumping station “B” at the bottom of Locust Grove Road. Pumping station “B’s” forcemain would pump south along Locust Grove Road to second gravity manhole past the intersection of Meadow Road and Newport Road.

Gravity sewer will also flow north on Penryn Road, including Loop Road and connect to the proposed pumping station “C” at the bottom of Penryn Road. Pumping station “C’s” forcemain would flow south along Penryn Road and join with the forcemain from pumping station “B” before discharging into the manhole in Meadow Road.

Phase 2 of this alternative would service approximately 153 EDUs with an estimated project cost of approximately \$1,981,300.

The Township and the Authority chose the dual phasing of Alternative 3 as the acceptable alternative. The alternative allows for an efficient means of sewage collection and conveyance with the lowest initial capital construction and future operations and maintenance costs. Additionally, the Authority would not have the added expense of operating a satellite wastewater treatment facility.

Alternative 4 – Gravity Sewers, Pumping Stations, and Individual Grinder Pumps with Low Pressure Sewers

The fourth alternative is to combine all of the wastewater flows and pump the wastewater to the existing Authority treatment facility as in Alternative 3.



However, in lieu of constructing pumping stations A and B from Alternative 3. A gravity interceptor will be constructed along the Chiques Creek as in Alternative 1. This interceptor will convey flows to a pumping station where the proposed treatment facility from Alternative A was to be located. These flows will then be pumped to a manhole near the intersection of Meadow Drive and Newport Road. The combined gravity sanitary sewers will flow south along Meadow Road, including the Karen, Keith, Christine Avenue, and the Bedington Circle area, to pumping station "D" near the intersection of Meadow Road and Fairview Road. The pumping station forcemain would flow south along Meadow Road to Cool Spring Road discharging into the first gravity manhole in the intersection of Penryn Road and Hickory Lane. A small area of low-pressure sewer will be necessary to service the Walnut Drive and Blairton Court area. This low-pressure system will discharge into the gravity sewer flowing south on Meadow Road.

The estimated project cost for this alternative is approximately \$4,609,000.

Alternative 4 was also looked at as a viable alternative by the Township and the Authority. However, due to this alternatives slightly higher construction cost when compared to alternative No. 3 and the requirement to construct a sanitary sewer interceptor adjacent to a creek, the Township and the Authority have chose not to pursue this alternative.

#### Future Alternative 1A & 1B – Newport Road from the Intersection of Gish Road West

Future Alternative 1A & 1B were developed to service the area of Newport Road west of the intersection of Gish Road and Newport Road. The following alternatives are being presented as potential future alternatives to be evaluated at a later date. At this time the alternatives are outside of the 10-year planning period.

Future Alternative 1A wastewater will flow by gravity west on Newport Road to a small pumping station located to the north of Newport Road directly after the

end of the R-1 zoning district. The pumping station forcemain would flow south along Meadow Road to Cool Spring Road discharging into the first gravity manhole in the intersection of Penryn Road and Hickory Lane. This alternative would serve approximately 23 existing EDU's along Newport Road.

Future Alternative 1B proposed to service the existing 17 EDU's on Newport Road west of the intersection with Gish Road. This alternative would service the existing lots utilizing individual grinder pumps and a low-pressure sewer system. This low-pressure sewer system would discharge into the first gravity manhole East of the Newport Road / Gish Road intersection.

Future Alternative 2 – Newport Road and Penn Avenue from the Intersection of Rohen Ridge Road East

Alternative 2 is also being presented as a potential future alternative to be further evaluated beyond the 10-year planning period.

Future Alternative 2 proposes to service the area on Newport Road and Penn Avenue east of Newport Road's intersection with Rohen Ridge Road utilizing individual grinder pumps with a low pressure sewer system. This low-pressure system would discharge into the first gravity manhole west of the Elm intersection.

#### **5.4.3 Lexington Sewer Planning District**

The third sub-area includes the existing homes in the Lexington Sewer Planning District. A sanitary sewer extension in this area will allow approximately 215 existing EDUs to connect to the public system and will also provide for proper planning for potential growth within the Township's UGB.

The service of the Lexington Sewer Planning District with public utilities will be driven by development. The potential for development in this area is great and it is the Township's belief the timing of the initial facilities in this area may come through the need of developers. The Township understands the developer's need for public utilities and the understanding that servicing of

this area may be driven by the infusion of moneys through developer contributions. The cost estimates presented here assume that Authority will pay the total cost of extending sanitary sewers into this area. However, since the extension of public sanitary sewers will most likely be developer driven, the actual project costs may be substantially less to the Township/Authority than those projected.

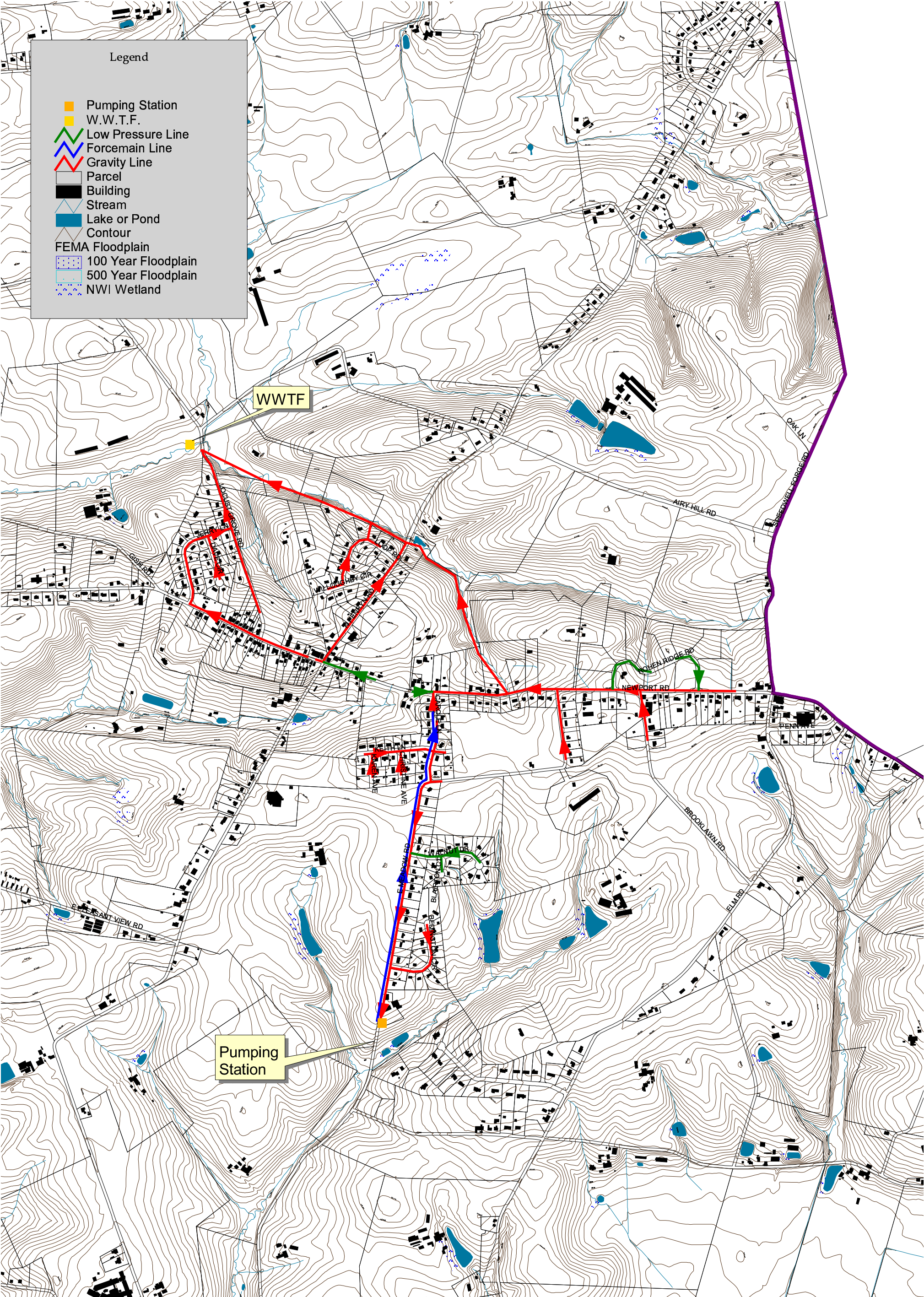
The following public sewer alternatives were considered for this area:

Alternative 1 – Gravity Sewers, Pumping Stations, and Individual Grinder Pumps with Low Pressure Sewers. Existing Pumping Station No 1 Discharge.

Alternative number 1 includes a gravity sewer running east and west along the Fruitville Pike to a low point at the intersection of Fruitville Pike and Hollytree Road. The wastewater will flow south along Hollytree Road picking up wastewater flowing by gravity from Franklin Drive. Near the intersection of Hollytree Road and Hill Street, the sewer will turn southwest and travel adjacent to the Little Conestoga Creek to a proposed pumping station “A” on the south side of the intersection of Bucknoll Road and the creek. Additional gravity sewer will flow west along Bucknoll Road from the high point east of the intersection of Bucknoll Road and Hollytree Road to pumping station “A”. The pumping station “A” forcemain will flow west along Bucknoll Road discharging into the Authority’s existing manhole No 71. Wastewater would then flow by gravity through the existing collection system to pumping station No 1.

Wastewater will also flow southeast on Fruitville Pike by gravity from the high point east of the intersection of Fruitville Pike and Hollytree Road to proposed pumping station “B” located just west of the intersection of Fruitville Pike and Sego Sago Road. Gravity sewer from Schoolway Drive will also be connected to the sewer in Fruitville Pike. Two small areas of individual grinder pumps and low-pressure sewers will be necessary to service the Sun Hill Drive area and Wood Let Road area south of Bucknoll intersection. These low-pressure

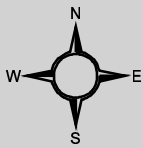




Base Map Source: Lancaster County GIS Landbase  
Projection: Pennsylvania State South NAD83, U.S. FEET  
Draft Date: September 30, 2012  
Adoption Date: October 27, 2013

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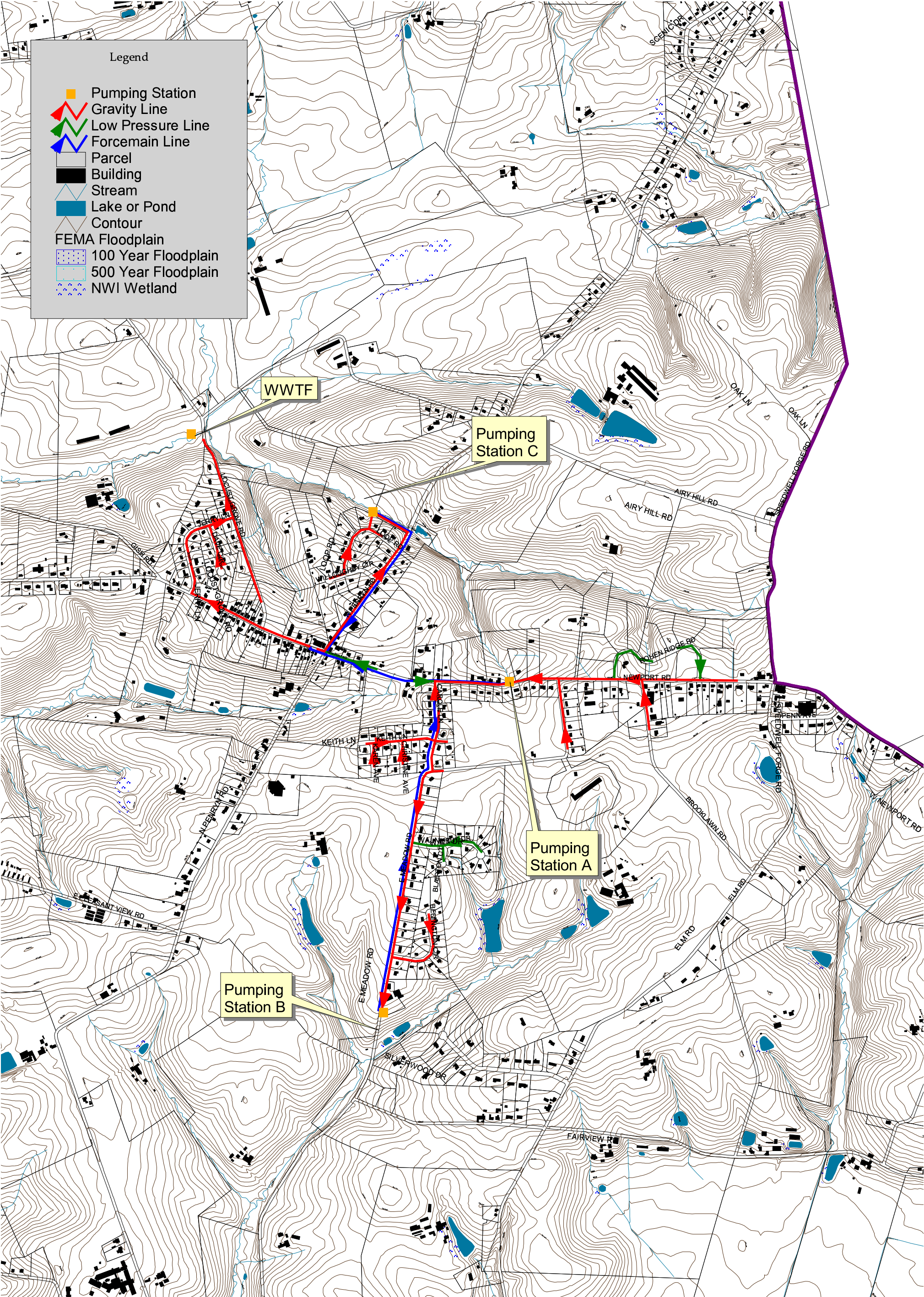
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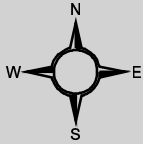
Map 20  
Penryn Alternative 1  
Penn Township,  
Lancaster County





Base Map Source: Lancaster County GIS Landbase  
Projection: Pennsylvania State South, NAD83, U.S. FEET  
Draft Date: March 13, 2012  
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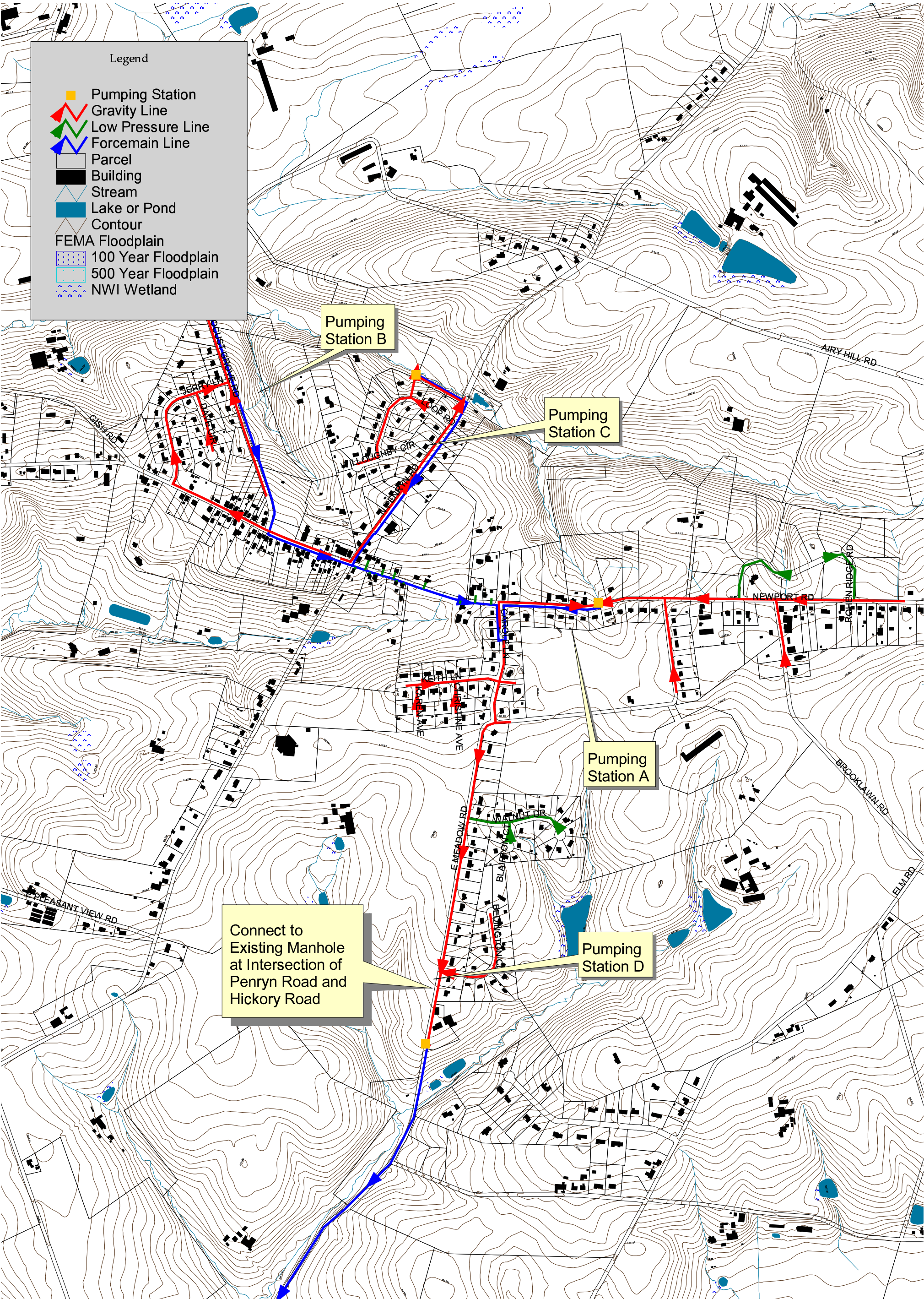


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**Map 21**  
**Penryn Alternative 2**  
Penn Township,  
Lancaster County

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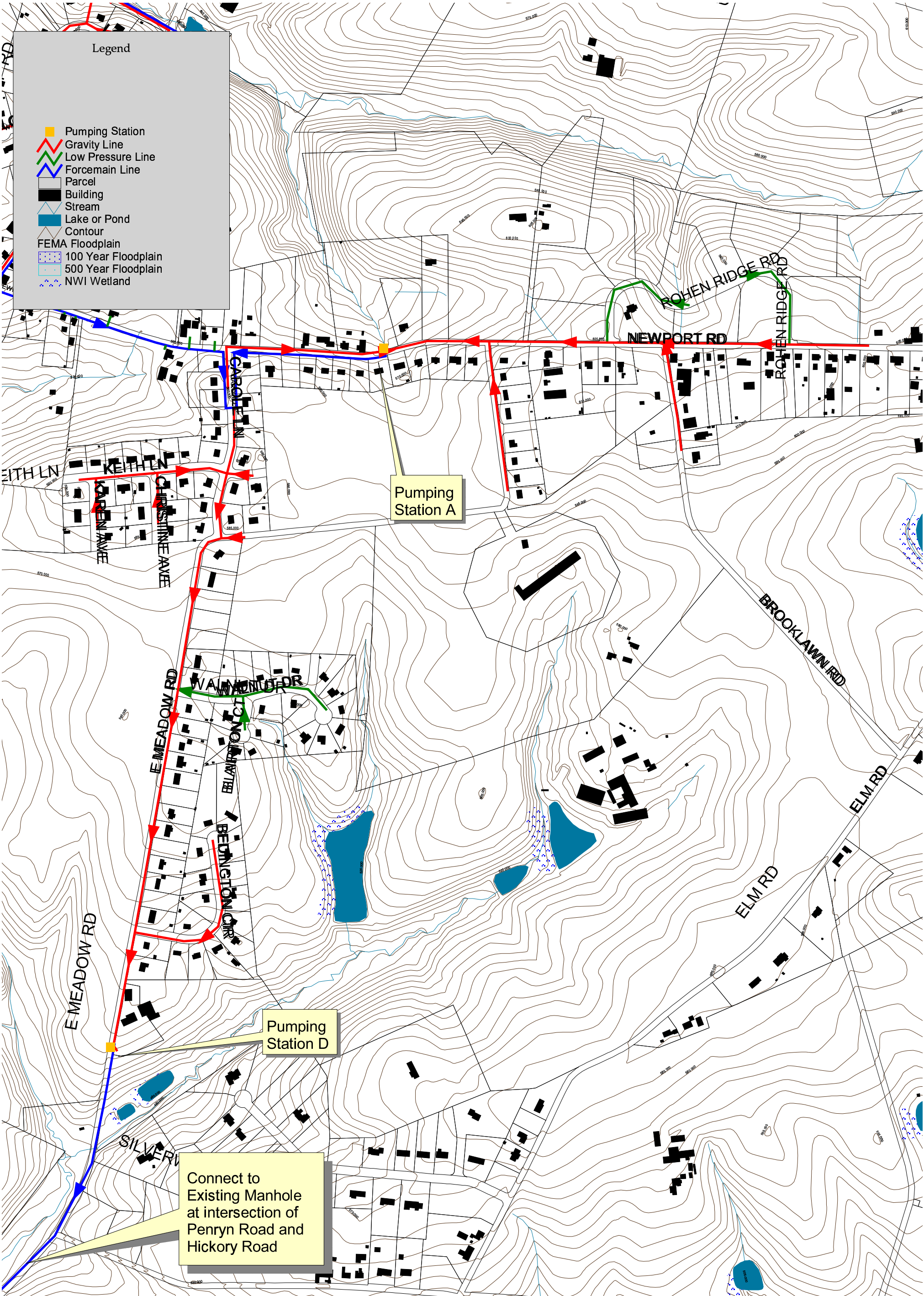
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Draft Date: March 13, 2012  
Adoption Date: October 27, 2013

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**Map 22**  
**Penryn Alternative 3**  
Penn Township,  
Lancaster County

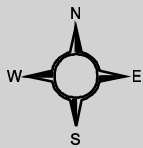




Base Map Source: Lancaster County GIS Landbase  
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Draft Date: March 13, 2002  
Adoption Date: October 27, 2003

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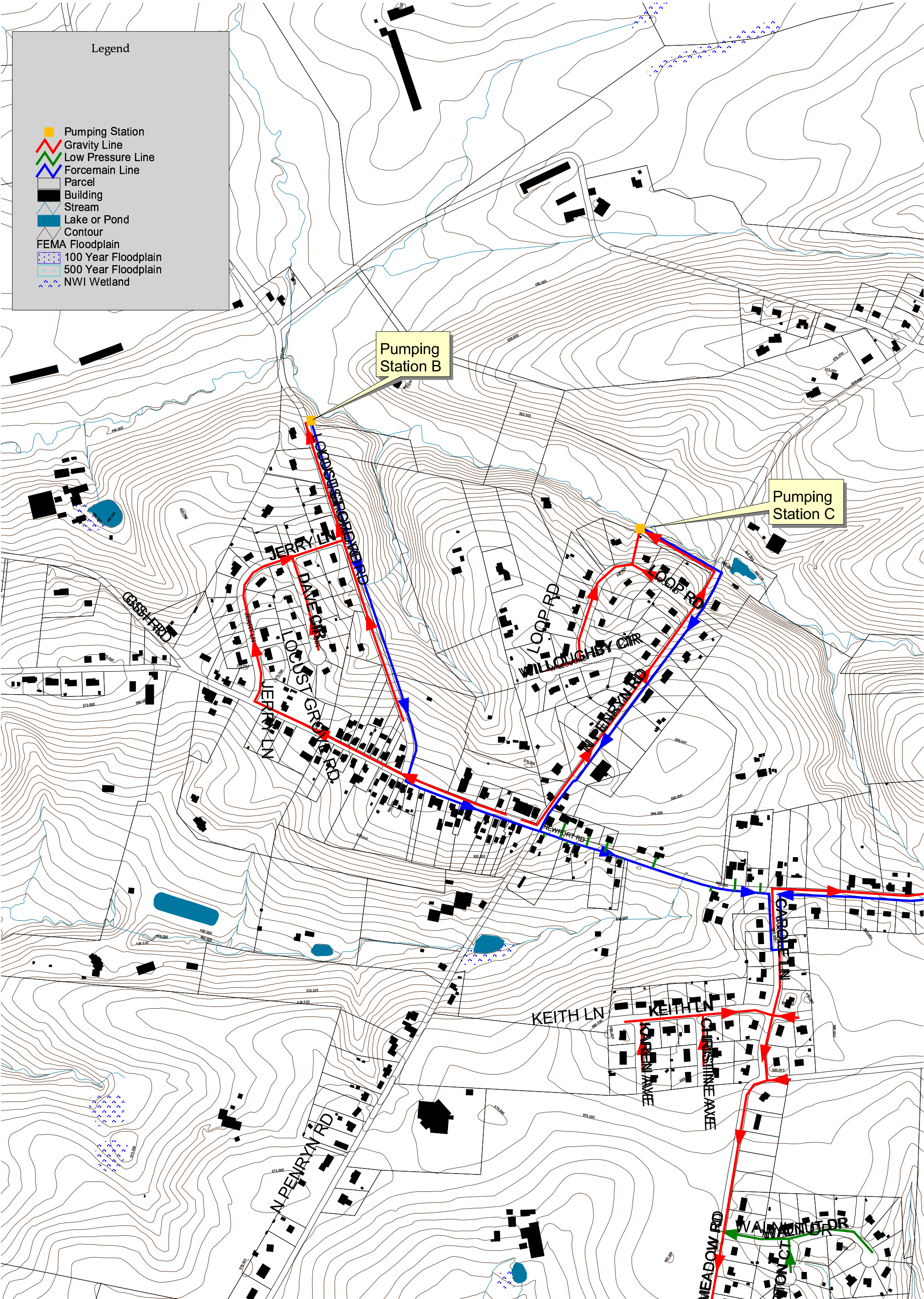
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**Map 22a**  
**Penryn Alternative 3 Phase 1**  
Penn Township,  
Lancaster County

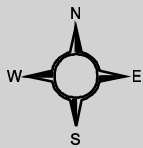




Base Map Source: Lancaster County GIS Landbase  
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Draft Date: March 13, 2012  
Adoption Date: October 27, 2013

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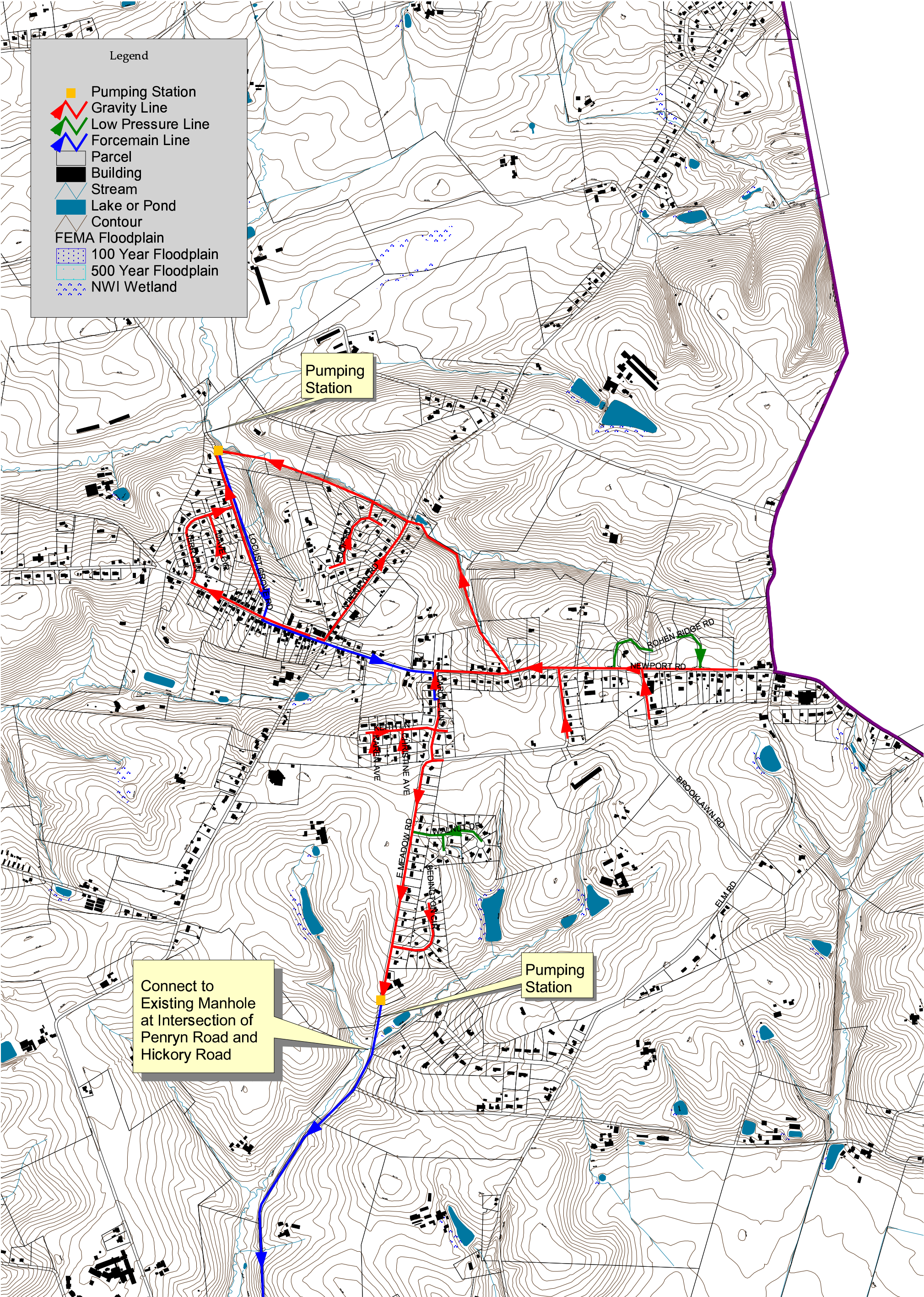
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# Map 22b

## Penryn Alternative 3 Phase 2

Penn Township,  
Lancaster County

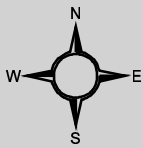




Base Map Source: Lancaster County GIS Landbase  
Projection: Pennsylvania State South NAD83, U.S. FEET  
Draft Date: March 13, 2012  
Adoption Date: October 27, 2013

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**Map 23**  
**Penryn Alternative 4**  
Penn Township,  
Lancaster County



systems will discharge into the gravity sewer flowing south on Meadow Road. These low pressure systems would service 19 homes. The pumping station “B” forcemain would flow northwest along Fruitville Pike and then west along Bucknoll Road discharging into the gravity manhole at the intersection of Bucknoll Road and Hollytree Road.

A third area of gravity sewer will run south from the highpoint on North Copehill Drive to the intersection of Fairland Road. The gravity sewer will then flow east to a proposed pumping station “C” at the intersection of Fairland Road and North View Road. A short gravity extension on Hallmark Drive would discharge into gravity sewer on North Copehill Drive. A small area of individual grinder pumps and low-pressure sewers will be necessary to service the northern most section of North Copehill Drive, from the last gravity manhole to the intersection with North View Road. The low-pressure system will discharge into the first gravity manhole on the North Copehill Drive system. This low pressure system would service 6 existing EDU’s. The pumping station “C” forcemain will flow west along Fairland Road discharging into the gravity manhole at the intersection of Fairland Road and Schoolway Drive.

The estimated project cost for this alternative is approximately \$3,926,000.

The Township and the Authority did not choose Alternative 1 as the acceptable alternative. At this time the Authority does not feel that upgrading pumping station No. 1 and the associated forcemain is economically feasible.

Alternative 2 – Gravity Sewers, Pumping Stations, and Individual Grinder Pumps with Low Pressure Sewers. Existing Pumping Station No 3 Discharge.

Alternative number 2 essentially consists of the same collection system design as Alternative 1. However, in Alternative 2 pumping station “A” would be moved farther west on Bucknoll Road. The forcemain from pumping station “A” would traverse north towards Sunhill Road. The forcemain would then traverse west

on Sunhill Road to its intersection with Oak Street. And then north on Oak Street. At the highest elevation point on Oak Street the forcemain would discharge into a proposed manhole and a gravity collection system would flow north before discharging into the Authority's existing manhole No 13. Wastewater would then flow by gravity through the Authority's existing collection system to pumping station No 3.

The estimated project cost for this alternative is approximately \$3,965,500.

The Township and the Authority chose Alternative 2 as the acceptable alternative. The alternative allows for an efficient means of sewage collection and conveyance. Additionally, this alternative allows the Authority to service the area of Oak Street efficiently.

Alternative 3A & 3B – Gravity Sewers, Pumping Stations, and Individual Grinder Pumps with Low Pressure Sewers. Existing Wastewater Treatment Facility Discharge.

Alternative number 3A and 3B essentially consist of the same collection system design as Alternative 1 and forcemain designs as in Alternative 2A & 2B. However, in Alternative 3A the forcemain from pumping station "A" would traverse north along the Little Conestoga Creek, crossing East Sun Hill Road, continuing onto Fruitville Pike, and then running adjacent to the Fruitville Pike. The forcemain will then turn north and run directly to the Authority's existing WWTF on Hostetter Road.

The estimated project cost for this alternative is approximately \$3,968,800.

In Alternative 3B the forcemain from pumping station "A" would traverse north along the Little Conestoga Creek and then turn northeast following the reverse path of the gravity sewer to Hollytree Road. The forcemain would then run north on Hollytree Road to the intersection with the Fruitville Pike. The forcemain would then run adjacent to the Fruitville Pike and north

before discharging into the Authority's WWTF on Hostetter Road.

The estimated project cost for this alternative is approximately \$4,328,500.

Alternatives 3A and 3B were not deemed feasible due to the high construction cost. Additionally, these alternatives do not take into consideration servicing the South Oak Street area of the Township. The Township and the Authority have chosen not to pursue Alternatives 3A and 3B.

Alternative 4 – Gravity Sewers, Pumping Stations, Individual Grinder Pumps with Low Pressure Sewers, and Package Wastewater Treatment Facility.

Alternative number 4 consist of the same collection system design as Alternative 1. However, in Alternative 4 the proposed pumping station at the intersection of Bucknoll Road would be replaced with a package wastewater treatment facility. The facility would be located just south of the intersection of the Little Conestoga Creek and Bucknoll Road. The facility's effluent would be discharged into the Little Conestoga Creek.

The estimated project cost for this alternative is approximately \$4,551,300.

Alternative 4 was not deemed feasible. Due to the high construction cost, the need to construct a satellite wastewater treatment facility, and the Township's policy towards regionalization of the sanitary sewer system the Township and the Authority have chosen not to pursue Alternative 4.

Future Alternative 1 – Lexington Road, Laurel View Drive, and Sego Sago Road, Sunrise Drive

Future Alternative 1 proposed to service the area of Lexington Road, Laurel View Drive, Sego Sago Road, and Sunrise Drive utilizing gravity sewers on Lexington Road from the intersection of Fairland Road to the intersection of Sego Sago Road. The majority of the



existing homes on Laurel View Drive will connect to this system by gravity. However, approximately six homes on the southwest end of Laurel View Drive will require individual grinder pumps with a low-pressure sewer system. This small low-pressure system would discharge into the first gravity manhole at the high point on south Laurel View Drive. Gravity sewer would also run north on Sego Sago Road to a high point near the intersection of Sego Sago Road and Fairland Road.

Wastewater will flow by gravity east on Sunrise Drive, then south on Fairland Road, and finally east again on Sego Sago Road to a small pumping station located to the south of Sego Sago Road immediately after the end of the R-1 zoning district. The pumping station forcemain would flow west along Sego Sago Road discharging into the first gravity manhole past the intersection of Fairland Road and Sego Sago Road. This alternative will service approximately 100 existing EDUs.

Future Alternative 1 is also being presented as a potential future alternative to be evaluated at a later date. At this time the alternative is outside of the 10-year planning period.

#### **5.4.4 South Penryn Road Sewer Planning District**

The forth sub-area includes the existing homes in the South Penryn Road / Doe Run Road area. This sewer extension will service approximately 15 existing EDUs. The following public sewer alternatives were considered for this area:

##### Alternative 1A – Gravity Sewers

The first alternative includes the construction of an 8-inch gravity sewer within the Penryn Road public right-of-way to serve the existing homes along South Penryn Road south of Doe Run Road. This alternative will also serve the existing homes on the south side of Doe Run Road east of South Penryn Road, an 8-inch gravity sewer would be constructed along the rear of the properties. This sewer line would flow east towards the

Kreider Dairy Store, and then follow the Kreider property line in a southwest direction to Penryn Road. From this point, an 8-inch gravity sanitary sewer would be constructed within the easements in a southwest direction to the existing the NWLCA manhole WE5 located south of West End Drive.

The estimated project cost for this alternative is approximately \$365,900.

#### Alternative 1B – Gravity Sewers & Grinder Pumps

This alternative is the same as 1A except that the sewer service for the homes along Doe Run Road would be provided by an 8-inch gravity sewer constructed on the south side of Doe Run Road within the PENNDOT right-of-way. Because the existing ground elevation for the lots along Doe Run Road slope to the south, away from Doe Run Road, they would most likely require grinder pumps to service the existing homes.

The estimated project cost for this alternative is approximately \$498,900.

#### Alternative 2 – Gravity Sewers & Duplex Pumping Station

This alternative includes the same 8-inch collector sewers as Alternative 1A. However, instead of flowing by gravity to the West End Drive gravity sewers, wastewater would be pumped to an existing the NWLCA manhole at the intersection of Penryn Road and Doe Run Road. A small duplex pumping station would be constructed along Penryn Road adjacent to the southern-most existing home, with a small diameter PVC forcemain extending northward within the Penryn Road public right-of-ways.

The estimated project cost for this alternative is approximately \$300,200.

#### Alternative 3 – Low Pressure Sewers

The final alternative involves the construction of a low-pressure sanitary sewer system to serve the proposed area. Each property would be equipped with

a packaged simplex grinder pumping station. A small diameter low-pressure sewer main would extend westward through easements to serve the properties along Doe Run Road. A second low pressure main would follow Penryn Road and Doe Run Road.

The estimated project cost for this alternative is approximately \$248,000.

Based upon initial capital costs necessary for construction, and considering long term operation and maintenance costs associated with each of the South Penryn Road / Doe Run Road alternatives, the Township and the Authority have chosen Alternative 1A for providing sanitary sewer service. Although Alternatives 2 and 3 have slightly lower initial capital costs than Alternative 1A, there are higher anticipated operation and maintenance costs with Alternatives 2 and 3 making Alternative 1A the most feasible.

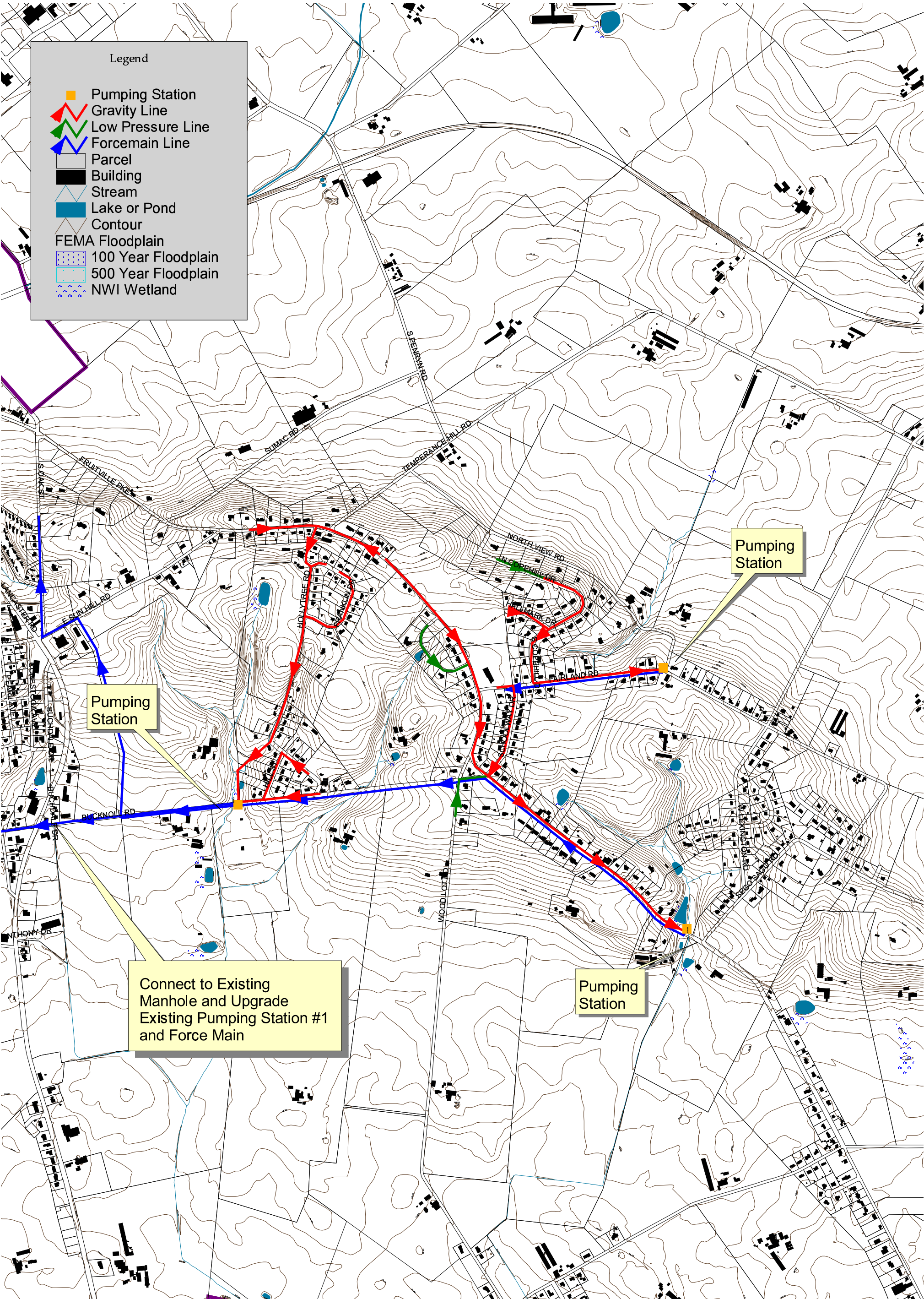
#### **5.4.5 Impact of Proposed Service Areas on Existing Wastewater Facilities**

An important component in determining the feasibility of a proposed sewer extension is the impact that additional wastewater flows will have on existing facilities. The three proposed service areas will affect the Authority's existing WWTF, as well as the existing pumping stations No. 1, No. 3, and potentially No. 4.

##### Authority Wastewater Treatment Facility

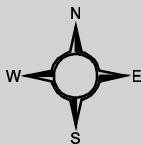
The existing Authority WWTF, located along Hostetter Road, has a permitted capacity of 250,000 gallons per day (gpd) under NPDES Permit No PA 0084026. Based upon the Authority's Chapter 94 Report, the average daily flow to the WWTF in 2002 was approximately 169,000 gpd while serving approximately 1058 equivalent dwelling units (EDUs).

Since the Authority and the Township have taken the position of regionalization, and have decided to



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Draft Date: March 13, 2012  
Adoption Date: October 27, 2013

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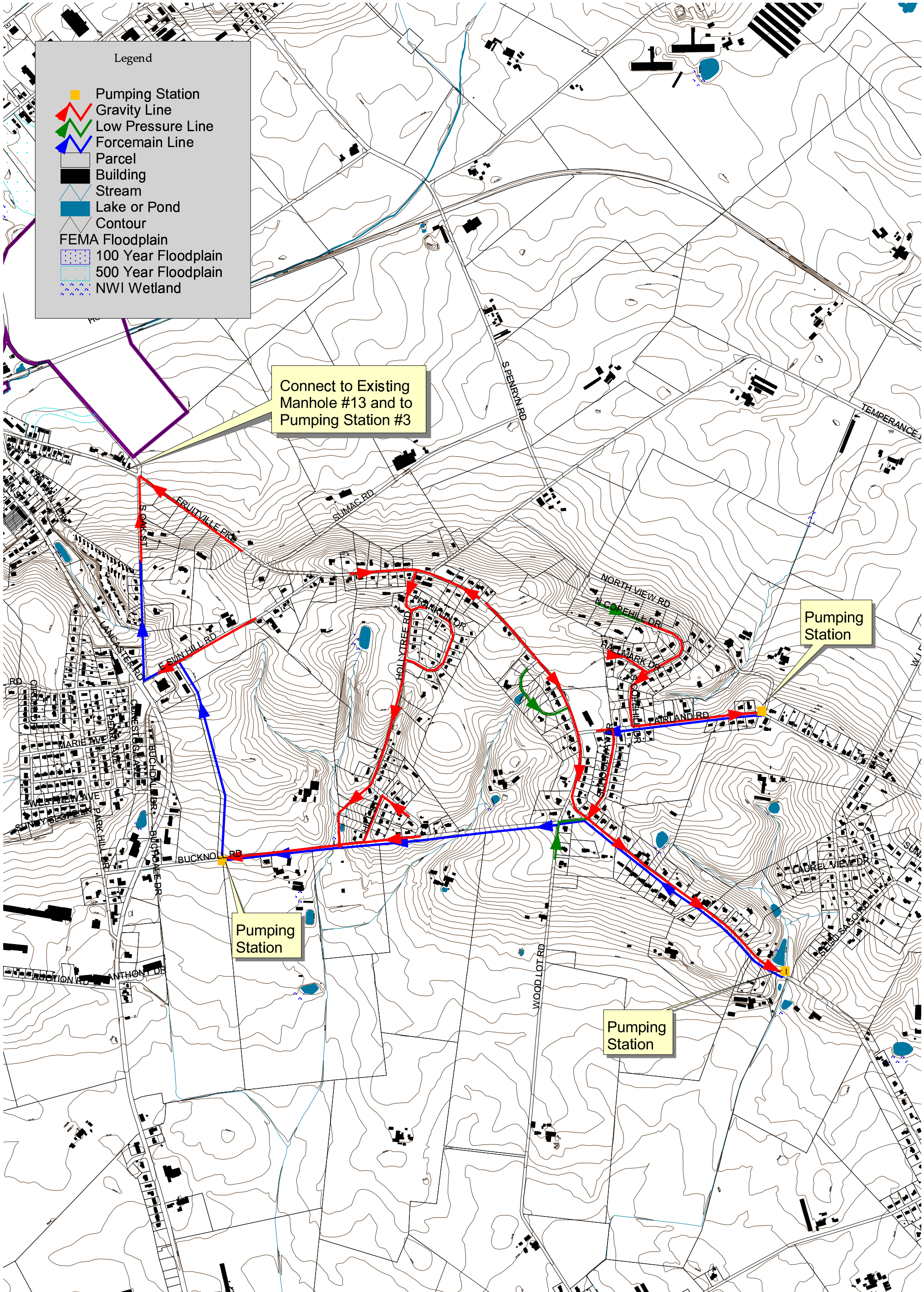


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**Map 24**  
**Lexington Alternative 1**  
Penn Township,  
Lancaster County

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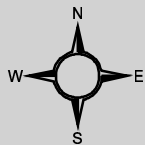




Base Map Source: Lancaster County GIS Landbase  
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Draft Date: March 13, 2002  
Plot Date: February 14, 2003

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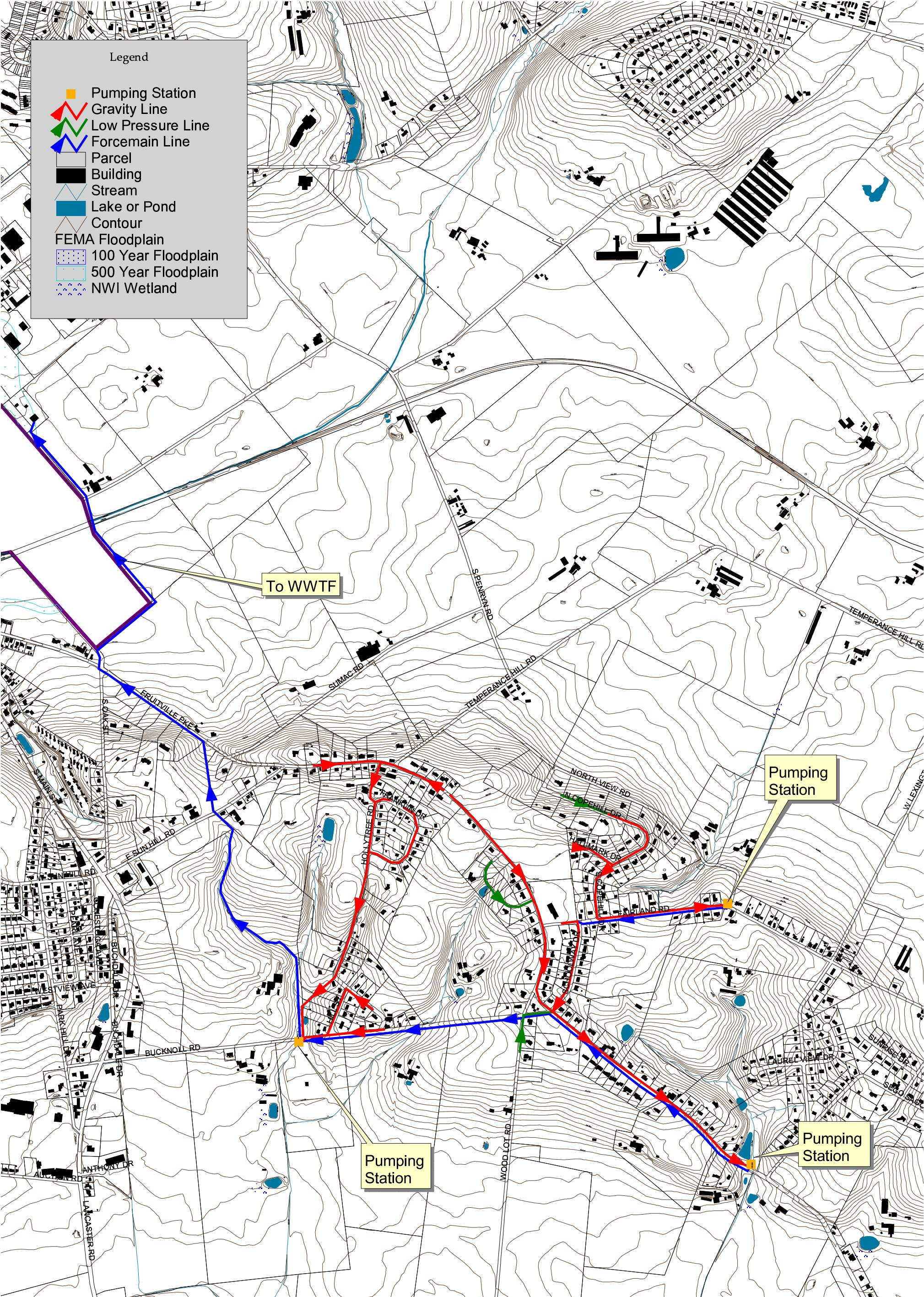
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**Map 25**  
**Lexington Alternative 2**  
Penn Township,  
Lancaster County

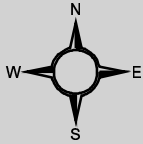




Base Map Source: Lancaster County GIS Landbase  
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Draft Date: March 13, 2012  
Adoption Date: October 27, 2013

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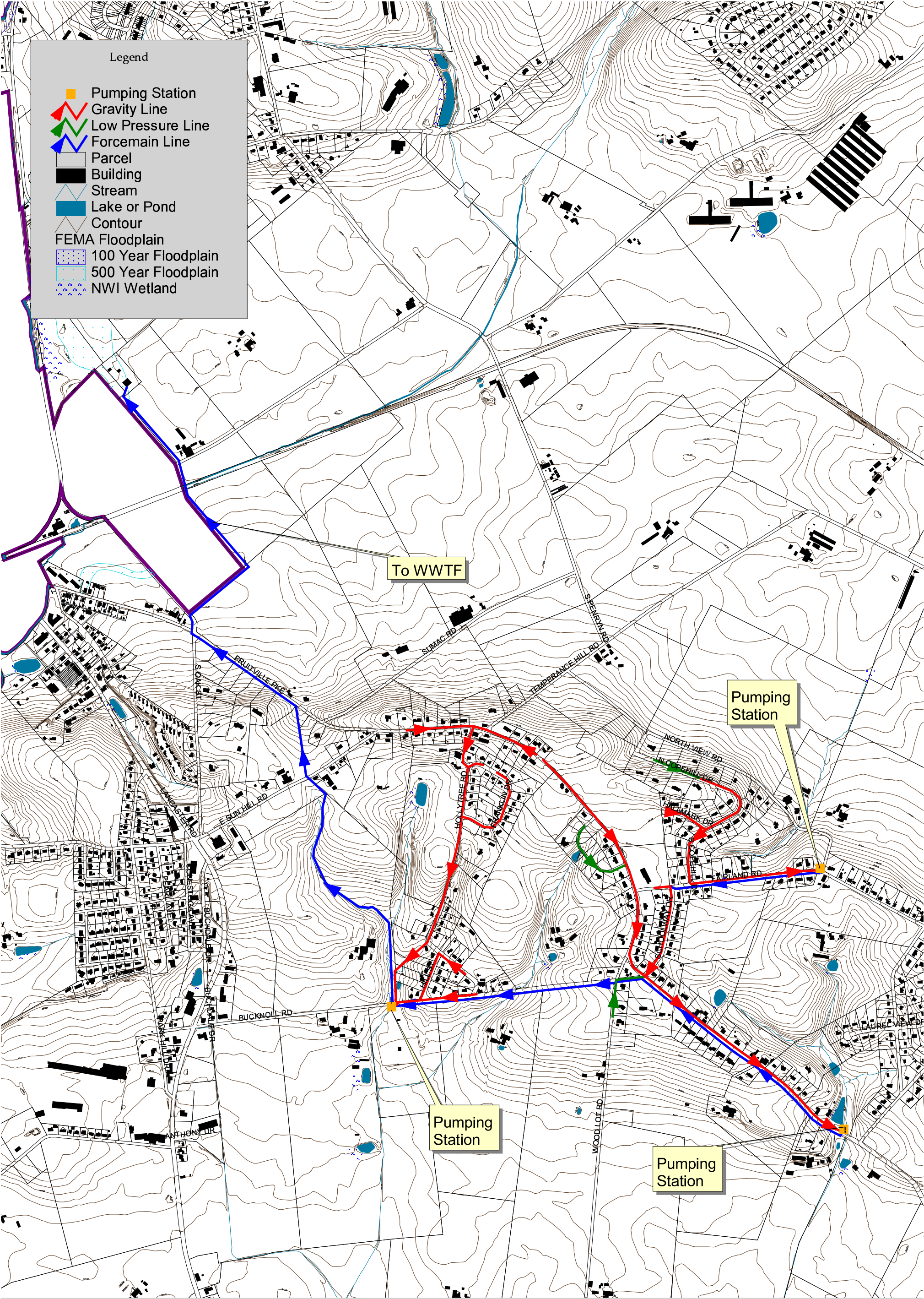
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**Map 26**  
**Lexington Alternative 3A**  
Penn Township,  
Lancaster County

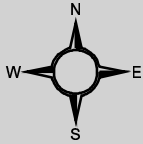




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Draft Date: March 13, 2012  
Adoption Date: October 27, 2013

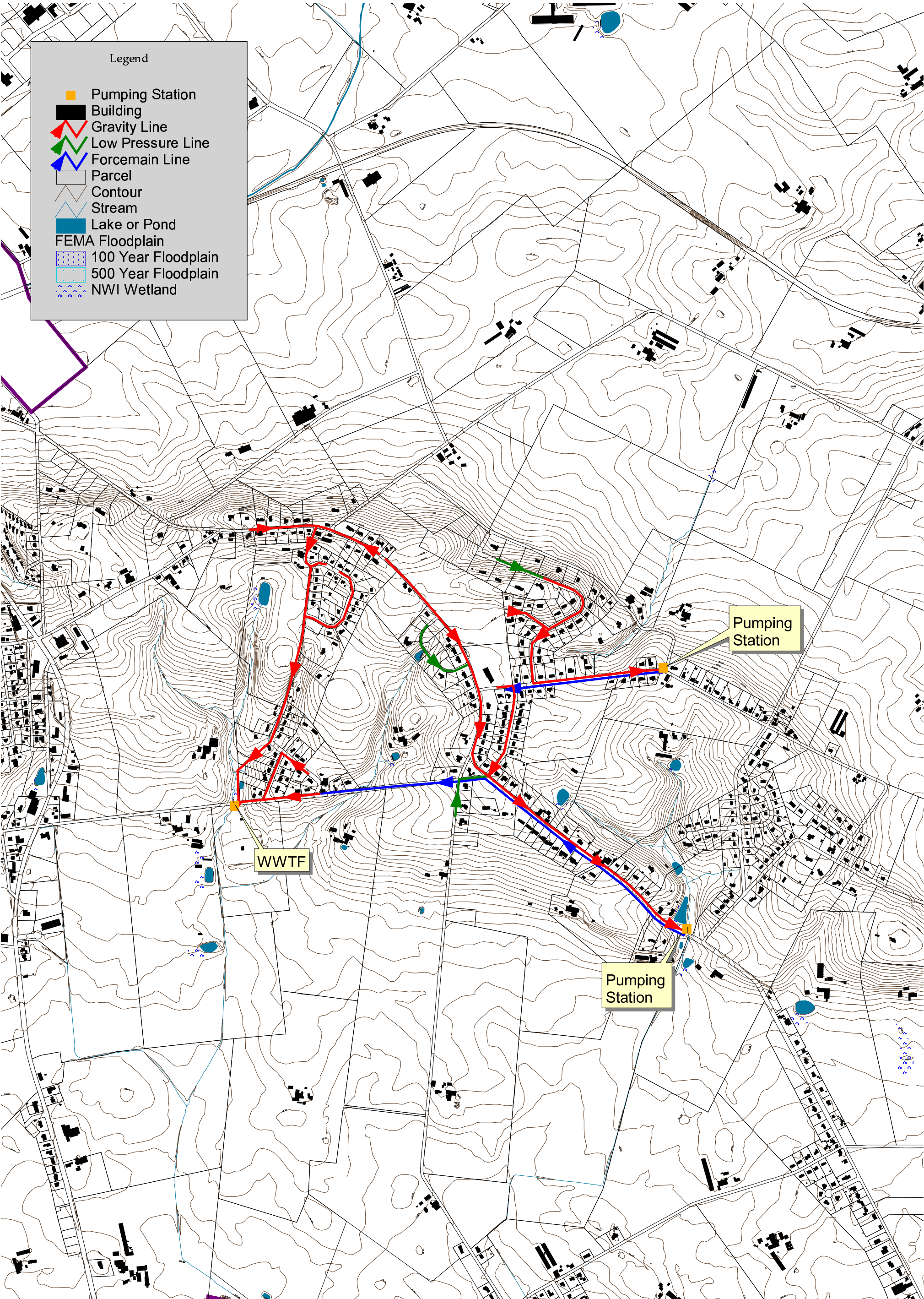
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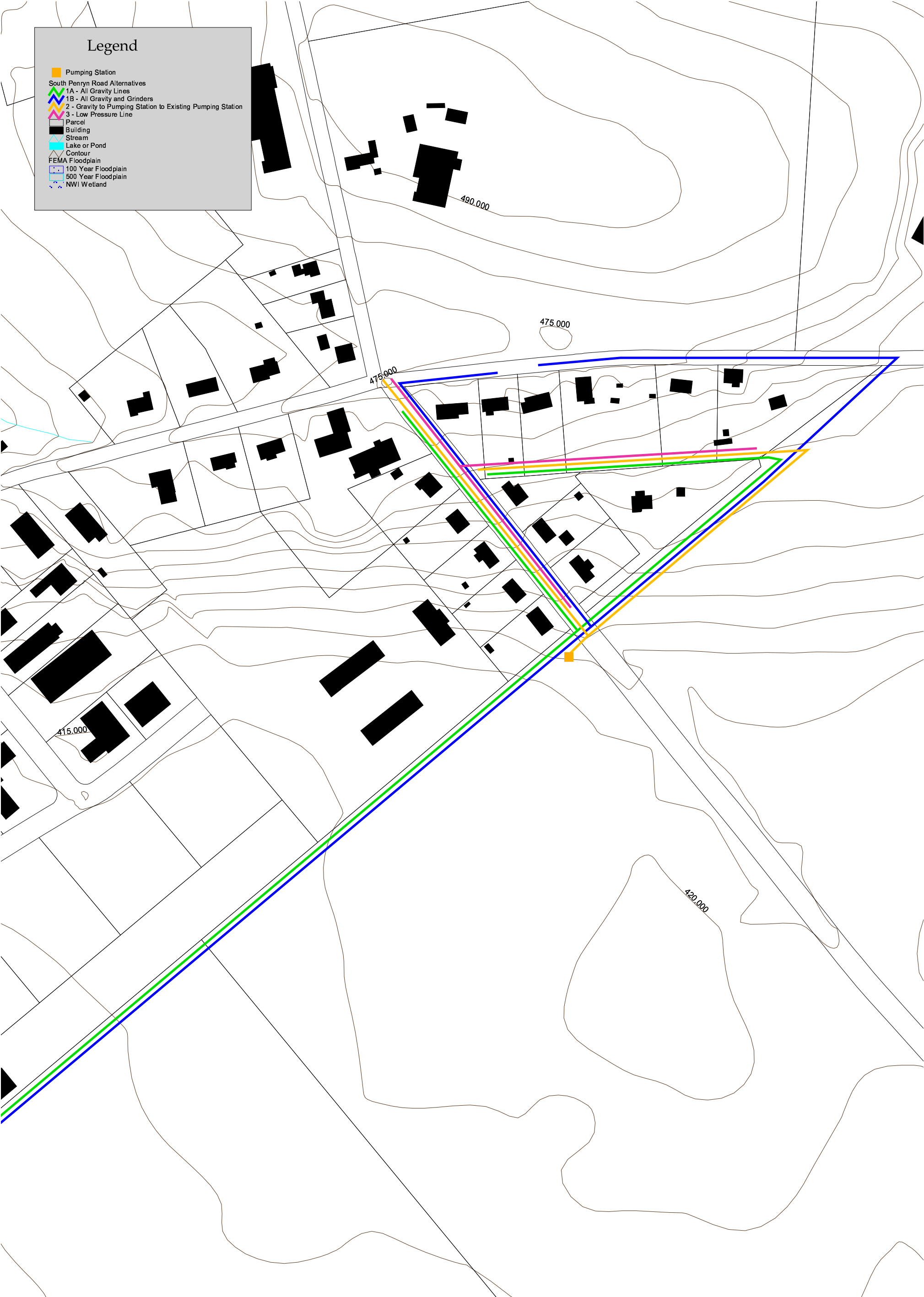
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Draft Date: March 13, 2012  
Adoption Date: October 27, 2013

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**Map 28**  
**Lexington Alternative 4**  
Penn Township,  
Lancaster County

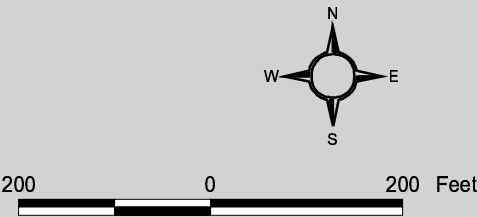




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Draft Date: January 32, 2003  
Adoption Date: October 27, 2003



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Map 29  
South Penryn Road Alternatives  
Penn Township,  
Lancaster County

maintain a central WWTF, and to not construct satellite WWTF's, the anticipated average daily flows, assuming all flow is conveyed to the WWTF, from the proposed service areas can be summarized as follows:

Existing EDU's

Hi View Sewer Planning District:

196 existing EDUs x 250 gpd/EDU = 49,000 gpd

Penryn Sewer Planning District Phase 1:

132 existing EDUs x 250 = 33,000 gpd

Penryn Sewer Planning District Phase 2:

153 existing EDUs x 250 = 38,250 gpd

Lexington Sewer Planning District:

215 existing EDUs x 250 = 53,750 gpd

South Penryn Road Sewer Planning District:

15 existing EDUs x 250 = 3,750 gpd

Potential Future EDU's

Assumed Connections per Year

5 EDUs x 250 = 1,250 gpd

Proposed Sweetbriar Creek Subdivision

198 EDUs x 250 = 49,500 gpd

Proposed Cedar Hollow Subdivision

221 EDUs x 250 = 55,250 gpd

Proposed Brookshire Subdivision

231 EDUs x 250 = 57,750 gpd

Proposed Pleasant View Expansion

19 EDUs x 250 = 4,750 gpd

Proposed Barons Ridge Subdivision

103 EDUs x 250 = 25,750 gpd

Proposed Mallard Ponds Phase 3 Development

33 EDUs x 250 = 8,250 gpd

Proposed Auto Auction Expansion  
13 EDUs x 250 = 3,250 gpd

Proposed Shopping Center Expansion  
13 EDUs x 250 = 3,250 gpd

Assuming each of the proposed future extensions and developments are constructed and conveyed to the WWTF, the total proposed average daily flow (ADF) to the WWTF could be estimated at 548,000 gpd. Utilizing the proposed ADF of 548,000 gpd expanding the WWTF to 650,000 gpd will provide the Authority an excess capacity of 102,000 gpd. It should be noted that this capacity evaluation is fairly conservative, utilizing the existing average daily flow from the 2002 Chapter 94 report and 250 gpd per EDU for the proposed future connections. Additionally, the potential build out of the Sego-Sago Road area and the existing urban growth boundaries are anticipated to be approximately 350 EDUs (87,500 gpd). This additional flow would leave the WWTF with 14,500 gpd or 58 EDUs of excess capacity with no additional EDUs anticipated.

Utilizing 650,000 gpd as the proposed expansion goal, preliminary effluent discharge limits were requested from the DEP. The DEP has provided preliminary effluent discharge limits for the proposed WWTF expansion. Those limits will be based upon the type of treatment system that is ultimately designed. However, regardless of final design considerations the, discharge limits should not differ significantly from the limits preliminarily established by the DEP. (See Appendix A).

The estimated project cost to upgrade the WWTF from an average permitted daily flow of 250,000 gpd to 650,000 gpd is approximately \$2,888,000.

#### Pumping Station No. 1

Pumping Station No. 1 (PS No. 1) consists of 60 horsepower (HP) duplex, flooded suction dry well pumps with an 8-inch forcemain. Approximately 407 EDUs flow to PS No. 1. The pumps in PS No. 1 each have a pumping rate of 434 gallons-per-minute (gpm), which

equates to a capacity of approximately 714 EDUs. Flows from PS No. 1 ultimately discharge into Pumping Station No. 3, which, in turn, discharges directly into the WWTF.

#### Pumping Station No. 2

Pumping Station No. 2 (PS No. 2) consists of 15 HP duplex submersible pumps with a 6-inch forcemain. Approximately 62 EDUs flow to PS No. 2. The pumping rate of the station is 215 gpm, which equates to an approximate capacity of 354 EDUs. Flows from PS No. 2 are also conveyed to Pumping Station No. 3.

#### Sunhill Estates Subdivision Pumping Station

The Sunhill Estates Phase 2 grinder pumping station consists of duplex 2 HP submersible pumps and a 2-inch forcemain. During 2000, 22 EDUs flowed to the station. This station has a design capacity of 100 EDUs. A developer is currently proposing to construct a new pumping station at a site more suitable for the developer's proposed Cedar Hollow Subdivision. This new station will replace the existing Sunhill Estates Subdivision Pumping Station. After the new pumping station is online the existing pumping station will be demolished.

#### Pumping Station No. 3

Pumping Station No.3 (PS No. 3) consists of 24 HP duplex submersible pumps with a 10-inch forcemain. Currently, approximately 754 EDUs flow to PS No. 3. The capacity of the station is approximately 637 gpm, or 1,048 EDUs. Flows from PS No. 1 and PS No. 2 ultimately discharge into PS No. 3, which, in turn, discharges directly into the WWTF.

#### Pumping Station No. 4

Pumping Station No. 4 (PS No. 4) consists of 7.5 HP duplex submersible pumps and a 6-inch forcemain. PS No. 4 was designed for a pumping rate of 200 gpm, and can be expanded by simply changing the pump impellers and modifying the operating levels within the

wet well. During 2001, new 8-inch diameter impellers were installed for each of the pumps, thus increasing the pumping rate of each of the pumps to 370 gpm. This station is currently utilized by approximately 353 EDUs.

Cost Estimates:

**TABLE 5-1**  
**HI VIEW SEWER PLANNING DISTRICT**  
**ALTERNATIVE 1A - PACKAGE WASTEWATER TREATMENT FACILITY, GRAVITY**  
**SEWERS, AND PUMPING STATION**  
**PROBABLE PROJECT COST OPINION**

<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QUANTITY</b>	<b>UNIT PRICE</b>	<b>TOTAL PRICE</b>
1	8" PVC Gravity Sewer	LF	8,325	\$50	\$416,250
2	6" PVC Pipe Service Connection	LF	3,000	\$45	\$135,000
3	8" x 8" x 6" PVC Service Wye	EA	100	\$46	\$4,600
4	Std. Precast Conc. MH, Including Drop Connections (0-6' Deep)	EA	21	\$2,250	\$47,250
5	Standard Manhole Frame & Cover	EA	21	\$240	\$5,040
6	Pumping Station	LS	1	\$50,000	\$50,000
7	3" PVC Forcemain	LF	650	\$15	\$9,750
8	Package WWTP Upgrade	LS	1	\$250,000	\$250,000
9	Temporary Roadway & Shoulder Restoration	LF	8,825	\$5	\$44,125
10	Perm. Road & Shoulder Restoration	LF	8,825	\$20	\$176,500
11	Lawn & Field Restoration	LF	3,150	\$3	\$9,450
12	Work Zone Traffic Control	LS	1	\$2,000	\$2,000
13	Erosion & Sedimentation Control	LS	1	\$2,000	\$2,000
14	Temporary Facilities	LS	1	\$2,000	\$2,000
15	Bonds & Insurances	LS	1	\$23,179	\$23,179
16	Mobilization & Demobilization	LS	1	\$5,000	\$5,000
	ESTIMATED CONSTRUCTION COST				\$1,182,140
	ADMIN, LEGAL & ENGINEERING (25%)				\$295,535
	PUMPING STATION EASEMENTS				\$4,000
	10% CONTINGENCY				<u>\$148,168</u>
	TOTAL ESTIMATED PROJECT COST				\$1,629,843

**TABLE 5-2**  
**HI VIEW SEWER PLANNING DISTRICT**  
**ALTERNATIVE 1B - PACKAGE WASTEWATER TREATMENT FACILITY, GRAVITY**  
**SEWERS, AND PUMPING STATION**  
**PROBABLE PROJECT COST OPINION**

<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QUANTITY</b>	<b>UNIT PRICE</b>	<b>TOTAL PRICE</b>
1	8" PVC Gravity Sewer	LF	6,550	\$50	\$327,500
2	6" PVC Pipe Service Connection	LF	2,130	\$45	\$95,850
3	8" x 8" x 6" PVC Service Wye	EA	71	\$46	\$3,266
4	Std. Precast Conc. MH, Including Drop Connections (0-6' Deep)	EA	17	\$2,250	\$38,250
5	Standard Manhole Frame & Cover	EA	17	\$240	\$4,080
6	2" PVC Low Pressure Sewer	LF	1,875	\$15	\$28,125
7	1-1/2" PVC Low Pressure Service Connection	LF	29	\$9	\$261
8	Low Pressure Service Wye	EA	29	\$55	\$1,595
9	Terminal Cleanout Manhole	EA	3	\$2,200	\$6,600
10	Simplex Grinder Pump	EA	29	\$5,500	\$159,500
11	Package WWTP Upgrade	LS	1	\$250,000	\$250,000
12	Temporary Roadway & Shoulder Restoration	LF	8,180	\$5	\$40,900
13	Perm. Road & Shoulder Restoration	LF	8,180	\$20	\$163,600
14	Lawn & Field Restoration	LF	500	\$3	\$1,500
15	Work Zone Traffic Control	LS	1	\$2,000	\$2,000
16	Erosion & Sedimentation Control	LS	1	\$2,000	\$2,000
17	Temporary Facilities	LS	1	\$2,000	\$2,000
18	Bonds & Insurances	LS	1	\$22,611	\$22,611
19	Mobilization & Demobilization	LS	1	\$3,500	\$3,500
	<b>ESTIMATED CONSTRUCTION COST</b>				<b>\$1,153,140</b>
	<b>ADMIN, LEGAL &amp; ENGINEERING (25%)</b>				<b>\$288,285</b>
	<b>10% CONTINGENCY</b>				<b>\$144,143</b>
	<b>TOTAL ESTIMATED PROJECT COST</b>				<b>\$1,585,568</b>



**TABLE 5-3**  
**HI VIEW SEWER PLANNING DISTRICT**  
**ALTERNATIVE 2A - GRAVITY SEWERS AND PUMPING STATIONS**  
**PROBABLE PROJECT COST OPINION**

<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QUANTITY</b>	<b>UNIT PRICE</b>	<b>TOTAL PRICE</b>
1	8" PVC Gravity Sewer	LF	8,325	\$50	\$416,250
2	6" PVC Pipe Service Connection	LF	3,000	\$45	\$135,000
3	8" x 8" x 6" PVC Service Wye	EA	100	\$46	\$4,600
4	Std. Precast Conc. MH, Including Drop Connections (0-6' Deep)	EA	21	\$2,250	\$47,250
5	Standard Manhole Frame & Cover	EA	21	\$240	\$5,040
6	Small Pumping Station	LS	1	\$50,000	\$50,000
7	3" PVC Forcemain	LF	650	\$15	\$9,750
8	Large Pumping Station	LS	1	\$150,000	\$150,000
9	6" PVC Forcemain	LF	8,450	\$45	\$380,250
10	Temporary Roadway & Shoulder Restoration	LF	16,775	\$5	\$83,875
11	Perm. Road & Shoulder Restoration	LF	16,775	\$20	\$335,500
12	Lawn & Field Restoration	LF	3,000	\$3	\$9,000
13	Work Zone Traffic Control	LS	1	\$10,000	\$10,000
14	Erosion & Sedimentation Control	LS	1	\$5,000	\$5,000
15	Temporary Facilities	LS	1	\$2,000	\$2,000
16	Bonds & Insurances	LS	1	\$32,940	\$32,940
17	Mobilization & Demobilization	LS	1	\$3,500	\$3,500
	<b>ESTIMATED CONSTRUCTION COST</b>				<b>\$1,679,960</b>
	<b>ADMIN, LEGAL &amp; ENGINEERING (25%)</b>				<b>\$419,990</b>
	<b>PUMPING STATION EASEMENTS</b>				<b>\$4,000</b>
	<b>10% CONTINGENCY</b>				<b>\$210,395</b>
	<b>TOTAL ESTIMATED PROJECT COST</b>				<b>\$2,314,345</b>

**TABLE 5-4**  
**HI VIEW SEWER PLANNING DISTRICT**  
**ALTERNATIVE 2B - GRAVITY SEWERS, INDIVIDUAL GRINDER PUMPS WITH LOW**  
**PRESSURE, SEWERS, AND PUMPING STATION**  
**PROBABLE PROJECT COST OPINION**

<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QUANTITY</b>	<b>UNIT PRICE</b>	<b>TOTAL PRICE</b>
1	8" PVC Gravity Sewer	LF	6,550	\$50	\$327,500
2	6" PVC Pipe Service Connection	LF	2,130	\$45	\$95,850
3	8" x 8" x 6" PVC Service Wye	EA	71	\$46	\$3,266
4	Std. Precast Conc. MH, Including Drop Connections (0-6' Deep)	EA	17	\$2,250	\$38,250
5	Standard Manhole Frame & Cover	EA	17	\$240	\$4,080
6	2" PVC Low Pressure Sewer	LF	1,875	\$15	\$28,125
7	1-1/2" PVC Low Pressure Service Connection	LF	29	\$9	\$261
8	Low Pressure Service Wye	EA	29	\$55	\$1,595
9	Terminal Cleanout Manhole	EA	3	\$2,200	\$6,600
10	Simplex Grinder Pump	EA	29	\$5,500	\$159,500
11	Large Pumping Station	LS	1	\$150,000	\$150,000
12	6" PVC Forcemain	LF	8,450	\$45	\$380,250
13	Temporary Roadway & Shoulder Restoration	LF	1	\$25,000	\$25,000
14	Abandon Existing W.W.T.F.	LS	15,000	\$5	\$75,000
15	Perm. Road & Shoulder Restoration	LF	15,000	\$20	\$300,000
16	Lawn & Field Restoration	LF	2,130	\$3	\$6,390
17	Work Zone Traffic Control	LS	1	\$10,000	\$10,000
18	Erosion & Sedimentation Control	LS	1	\$5,000	\$5,000
19	Temporary Facilities	LS	1	\$2,000	\$2,000
20	Bonds & Insurances	LS	1	\$32,443	\$32,443
21	Mobilization & Demobilization	LS	1	\$3,500	\$3,500
	ESTIMATED CONSTRUCTION COST				\$1,654,610
	ADMIN, LEGAL & ENGINEERING (25%)				\$413,653
	PUMPING STATION EASEMENTS				\$4,000
	10% CONTINGENCY				\$207,226
	TOTAL ESTIMATED PROJECT COST				\$2,279,489

**TABLE 5-5**  
**HI VIEW SEWER PLANNING DISTRICT**  
**ALTERNATIVE 3A - GRAVITY SEWERS AND PUMPING STATIONS**  
**PROBABLE PROJECT COST OPINION**

<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QUANTITY</b>	<b>UNIT PRICE</b>	<b>TOTAL PRICE</b>
1	8" PVC Gravity Sewer	LF	8,325	\$50	\$416,250
2	6" PVC Pipe Service Connection	LF	3,000	\$45	\$135,000
3	8" x 8" x 6" PVC Service Wye	EA	100	\$46	\$4,600
4	Std. Precast Conc. MH, Including Drop Connections (0-6' Deep)	EA	21	\$2,250	\$47,250
5	Standard Manhole Frame & Cover	EA	21	\$240	\$5,040
6	Small Pumping Station	LS	1	\$50,000	\$50,000
7	3" PVC Forcemain	LF	650	\$15	\$9,750
8	Large Pumping Station	LS	1	\$150,000	\$150,000
9	6" PVC Forcemain	LF	8,250	\$45	\$371,250
10	Demolish Existing W.W.T.F.	LS	1	\$25,000	\$25,000
11	Temporary Roadway & Shoulder Restoration	LF	16,575	\$5	\$82,875
12	Perm. Road & Shoulder Restoration	LF	16,575	\$20	\$331,500
13	Lawn & Field Restoration	LF	3,000	\$3	\$9,000
14	Work Zone Traffic Control	LS	1	\$10,000	\$10,000
15	Erosion & Sedimentation Control	LS	1	\$5,000	\$5,000
16	Temporary Facilities	LS	1	\$2,000	\$2,000
17	Bonds & Insurances	LS	1	\$33,160	\$33,160
18	Mobilization & Demobilization	LS	1	\$3,500	\$3,500
	ESTIMATED CONSTRUCTION COST				\$1,691,180
	ADMIN, LEGAL & ENGINEERING (25%)				\$422,795
	PUMPING STATION EASEMENTS				\$4,000
	10% CONTINGENCY				\$211,798
	TOTAL ESTIMATED PROJECT COST				\$2,329,773

**TABLE 5-6**  
**HI VIEW SEWER PLANNING DISTRICT**  
**ALTERNATIVE 3B - GRAVITY SEWERS, INDIVIDUAL GRINDER PUMPS WITH LOW**  
**PRESSURE, SEWERS, AND PUMPING STATION**  
**PROBABLE PROJECT COST OPINION**

<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QUANTITY</b>	<b>UNIT PRICE</b>	<b>TOTAL PRICE</b>
1	8" PVC Gravity Sewer	LF	6,550	\$50	\$327,500
2	6" PVC Pipe Service Connection	LF	2,130	\$45	\$95,850
3	8" x 8" x 6" PVC Service Wye	EA	71	\$46	\$3,266
4	Std. Precast Conc. MH, Including Drop Connections (0-6' Deep)	EA	17	\$2,250	\$38,250
5	Standard Manhole Frame & Cover	EA	17	\$240	\$4,080
6	2" PVC Low Pressure Sewer	LF	1,875	\$15	\$28,125
7	1-1/2" PVC Low Pressure Service Connection	LF	29	\$9	\$261
8	Low Pressure Service Wye	EA	29	\$55	\$1,595
9	Terminal Cleanout Manhole	EA	3	\$2,200	\$6,600
10	Simplex Grinder Pump	EA	29	\$5,500	\$159,500
11	Large Pumping Station	LS	1	\$150,000	\$150,000
12	6" PVC Forcemain	LF	8,250	\$45	\$371,250
13	Demolish Existing W.W.T.F.	LS	1	\$25,000	\$25,000
14	Temporary Roadway & Shoulder Restoration	LF	14,800	\$5	\$74,000
15	Perm. Road & Shoulder Restoration	LF	14,800	\$20	\$296,000
16	Lawn & Field Restoration	LF	2,130	\$3	\$6,390
17	Work Zone Traffic Control	LS	1	\$10,000	\$10,000
18	Erosion & Sedimentation Control	LS	1	\$5,000	\$5,000
19	Temporary Facilities	LS	1	\$2,000	\$2,000
20	Bonds & Insurances	LS	1	\$32,163	\$32,163
21	Mobilization & Demobilization	LS	1	\$3,500	\$3,500
	<b>ESTIMATED CONSTRUCTION COST</b>				<b>\$1,640,330</b>
	<b>ADMIN, LEGAL &amp; ENGINEERING (25%)</b>				<b>\$410,083</b>
	<b>PUMPING STATION EASEMENTS</b>				<b>\$4,000</b>
	<b>10% CONTINGENCY</b>				<b>\$205,441</b>
	<b>TOTAL ESTIMATED PROJECT COST</b>				<b>\$2,259,854</b>



**TABLE 5-7**  
**PENRYN SEWER PLANNING DISTRICT**  
**ALTERNATIVE 1 - GRAVITY SEWERS, INTERCEPTOR, & WASTEWATER**  
**TREATMENT FACILITY**  
**PROBABLE PROJECT COST OPINION**

<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QUANTITY</b>	<b>UNIT PRICE</b>	<b>TOTAL PRICE</b>
1	8" PVC Gravity Sewer	LF	19,875	\$50	\$993,750
2	6" PVC Pipe Service Connection	LF	5,700	\$45	\$256,500
3	8" x 8" x 6" PVC Service Wye	EA	190	\$46	\$8,740
4	Std. Precast Conc. MH, Including Drop Connections (0-6' Deep)	EA	65	\$2,250	\$146,250
5	Standard Manhole Frame & Cover	EA	65	\$240	\$15,600
6	2" PVC Low Pressure Sewer	LF	3,700	\$15	\$55,500
7	1-1/2" PVC Low Pressure Service Connection	LF	4,050	\$9	\$36,450
8	Low Pressure Service Wye	EA	45	\$55	\$2,475
9	Terminal Cleanout Manhole	EA	6	\$2,200	\$13,200
10	Simplex Grinder Pump	EA	45	\$5,500	\$247,500
11	East Meadow Road Pumping Station	LS	1	\$150,000	\$150,000
12	3" PVC Forcemain	LF	3,800	\$15	\$57,000
13	Package W.W.T.F.	LS	1	\$750,000	\$750,000
14	12" PVC Interceptor	LF	4,900	\$65	\$318,500
15	Temporary Roadway & Shoulder Restoration	LF	20,000	\$5	\$100,000
16	Perm. Road & Shoulder Restoration	LF	20,000	\$20	\$400,000
17	Lawn & Field Restoration	LF	5,700	\$3	\$17,100
18	Work Zone Traffic Control	LS	1	\$15,000	\$15,000
19	Erosion & Sedimentation Control	LS	1	\$10,000	\$10,000
20	Temporary Facilities	LS	1	\$2,000	\$2,000
21	Bonds & Insurances	LS	1	\$52,106	\$52,106
22	Mobilization & Demobilization	LS	1	\$3,500	\$3,500
	<b>ESTIMATED CONSTRUCTION COST</b>				<b>\$3,651,170</b>
	<b>ADMIN, LEGAL &amp; ENGINEERING (25%)</b>				<b>\$912,793</b>
	<b>PUMPING STATION EASEMENTS</b>				<b>\$4,000</b>
	<b>10% CONTINGENCY</b>				<b>\$456,796</b>
	<b>TOTAL ESTIMATED PROJECT COST</b>				<b>\$5,024,759</b>

**TABLE 5-8**  
**PENRYN SEWER PLANNING DISTRICT**  
**ALTERNATIVE 2 - PACKAGE WASTEWATER TREATMENT FACILITY, GRAVITY**  
**SEWERS, PUMPING STATIONS, AND INDIVIDUAL GRINDER PUMPS WITH LOW**  
**PRESSURE SEWERS**  
**PROBABLE PROJECT COST OPINION**

<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QUANTITY</b>	<b>UNIT PRICE</b>	<b>TOTAL PRICE</b>
1	8" PVC Gravity Sewer	LF	19,875	\$50	\$993,750
2	6" PVC Pipe Service Connection	LF	5,700	\$45	\$256,500
3	8" x 8" x 6" PVC Service Wye	EA	190	\$46	\$8,740
4	Std. Precast Conc. MH, Including Drop Connections (0-6' Deep)	EA	65	\$2,250	\$146,250
5	Standard Manhole Frame & Cover	EA	65	\$240	\$15,600
6	2" PVC Low Pressure Sewer	LF	3,700	\$15	\$55,500
7	1-1/2" PVC Low Pressure Service Connection	LF	4,050	\$9	\$36,450
8	Low Pressure Service Wye	EA	45	\$55	\$2,475
9	Terminal Cleanout Manhole	EA	6	\$2,200	\$13,200
10	Simplex Grinder Pump	EA	45	\$5,500	\$247,500
11	Pumping Station B	LS	1	\$75,000	\$75,000
12	Pumping Station A	LS	1	\$75,000	\$75,000
13	Pumping Station C	LS	1	\$75,000	\$75,000
14	3" PVC Forcemain	LF	8,550	\$15	\$128,250
15	Package W.W.T.F.	LS	1	\$750,000	\$750,000
16	Temporary Roadway & Shoulder Restoration	LF	22,000	\$5.00	\$110,000
17	Perm. Road & Shoulder Restoration	LF	22,000	\$20.00	\$440,000
18	Lawn & Field Restoration	LF	6,500	\$3.00	\$19,500
19	Work Zone Traffic Control	LS	1	\$15,000	\$15,000
20	Erosion & Sedimentation Control	LS	1	\$10,000	\$10,000
21	Temporary Facilities	LS	1	\$2,000	\$2,000
22	Bonds & Insurances	LS	1	\$69,584	\$69,584
23	Mobilization & Demobilization	LS	1	\$3,500	\$3,500
	ESTIMATED CONSTRUCTION COST				\$3,548,800
	ADMIN, LEGAL & ENGINEERING (25%)				\$887,200
	PUMPING STATION EASEMENTS				\$12,000
	10% CONTINGENCY				\$444,800
	TOTAL ESTIMATED PROJECT COST				\$4,892,800

**TABLE 5-9**  
**PENRYN SEWER PLANNING DISTRICT**  
**ALTERNATIVE 3 - GRAVITY SEWERS, PUMPING STATIONS, AND INDIVIDUAL**  
**GRINDER PUMPS WITH LOW PRESSURE SEWERS**  
**PROBABLE PROJECT COST OPINION**

<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QUANTITY</b>	<b>UNIT PRICE</b>	<b>TOTAL PRICE</b>
1	8" PVC Gravity Sewer	LF	19,875	\$50	\$993,750
2	6" PVC Pipe Service Connection	LF	5,700	\$45	\$256,500
3	8" x 8" x 6" PVC Service Wye	EA	190	\$46	\$8,740
4	Std. Precast Conc. MH, Including Drop Connections (0-6' Deep)	EA	65	\$2,250	\$146,250
5	Standard Manhole Frame & Cover	EA	65	\$240	\$15,600
6	2" PVC Low Pressure Sewer	LF	3,700	\$15	\$55,500
7	1-1/2" PVC Low Pressure Service Connection	LF	4,050	\$9	\$36,450
8	Low Pressure Service Wye	EA	45	\$55	\$2,475
9	Terminal Cleanout Manhole	EA	6	\$2,200	\$13,200
10	Simplex Grinder Pump	EA	45	\$5,500	\$247,500
11	Pumping Station B	LS	1	\$75,000	\$75,000
12	Pumping Station A	LS	1	\$75,000	\$75,000
13	Pumping Station C	LS	1	\$75,000	\$75,000
14	3" PVC Forcemain	LF	9,550	\$15	\$143,250
15	Pumping Station D	LS	1	\$150,000	\$150,000
16	6" PVC Forcemain	LF	6,550	\$25	\$163,750
17	Temporary Roadway & Shoulder Restoration	LF	31,200	\$5	\$156,000
18	Perm. Twp. Road & Shoulder Restoration	LF	31,200	\$20	\$624,000
19	Lawn & Field Restoration	LF	5,700	\$3	\$17,100
20	Work Zone Traffic Control	LS	1	\$15,000	\$15,000
21	Erosion & Sedimentation Control	LS	1	\$10,000	\$10,000
22	Temporary Facilities	LS	1	\$2,000	\$2,000
23	Bonds & Insurances	LS	1	\$45,836	\$45,836
24	Mobilization & Demobilization	LS	1	\$3,500	\$3,500
	ESTIMATED CONSTRUCTION COST				\$3,331,400
	ADMIN, LEGAL & ENGINEERING (25%)				\$832,850
	PUMPING STATION EASEMENTS				\$16,000
	10% CONTINGENCY				<u>\$418,025</u>
	TOTAL ESTIMATED PROJECT COST				\$4,598,275

<p align="center">TABLE 5-9A PENRYN SEWER PLANNING DISTRICT ALTERNATIVE 3 PHASE 1 - GRAVITY SEWERS, PUMP STATIONS, AND INDIVIDUAL GRINDER PUMPS WITH LOW PRESSURE SEWERS PROBABLE PROJECT COST OPINION</p>					
ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	8" PVC Gravity Sewer	LF	12,200	\$50	\$610,000
2	6" PVC Pipe Service Connection	LF	3,960	\$45	\$178,200
3	8" x 8" x 6" PVC Service Wye	EA	132	\$50	\$6,600
4	Std. Precast Conc. MH, Including Drop Connections (0-6' Deep)	EA	41	\$2,450	\$100,450
5	Standard Manhole Frame & Cover	EA	41	\$250	\$10,250
6	2" PVC Low Pressure Sewer	LF	1,500	\$15	\$22,500
7	1-1/2" PVC Low Pressure Service Connection	LF	715	\$9	\$6,435
8	Low Pressure Service Wye	EA	12	\$55	\$660
9	Terminal Cleanout Manhole	EA	2	\$2,200	\$4,400
10	Simplex Grinder Pump	EA	12	\$5,500	\$66,000
11	East Newport Road Pumping Station (Station A)	LS	1	\$100,000	\$100,000
12	3" PVC Force Main	LF	1,200	\$20	\$24,000
13	Meadow Drive Pumping Station (Station D)	LS	1	\$200,000	\$200,000
14	6" PVC Force Main	LF	5,500	\$35	\$192,500
15	Temporary Roadway & Shoulder Restoration	LF	15,350	\$10	\$153,500
16	Perm. Twp. Road & Shoulder Restoration	LF	15,350	\$20	\$307,000
17	Lawn & Field Restoration	LF	1,980	\$4	\$7,920
18	Work Zone Traffic Control	LS	1	\$17,000	\$17,000
19	Erosion & Sedimentation Control	LS	1	\$10,000	\$10,000
20	Temporary Facilities	LS	1	\$4,500	\$4,500
21	Bonds & Insurances	LS	1	\$28,438	\$28,438
22	Mobilization & Demobilization	LS	1	\$10,000	\$10,000
	ESTIMATED CONSTRUCTION COST				\$2,060,350
	ADMIN, LEGAL & ENGINEERING (25%)				\$515,088
	PUMPING STATION EASEMENTS				\$25,000
	10% CONTINGENCY				<u>\$260,044</u>
	TOTAL ESTIMATED PROJECT COST				\$2,860,481

<p align="center"> <b>TABLE 5-9B</b>  <b>PENRYN SEWER PLANNING DISTRICT</b>  <b>ALTERNATIVE 3 PHASE 2 - GRAVITY SEWERS, PUMP STATIONS, AND INDIVIDUAL</b>  <b>GRINDER PUMPS WITH LOW PRESSURE SEWERS</b>  <b>PROBABLE PROJECT COST OPINION</b> </p>					
<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QUANTITY</b>	<b>UNIT PRICE</b>	<b>TOTAL PRICE</b>
1	8" PVC Gravity Sewer	LF	7,675	\$50	\$383,750
2	6" PVC Pipe Service Connection	LF	1,740	\$45	\$78,300
3	8" x 8" x 6" PVC Service Wye	EA	100	\$50	\$5,000
4	Std. Precast Conc. MH, Including Drop Connections (0-6' Deep)	EA	24	\$2,450	\$58,800
5	Standard Manhole Frame & Cover	EA	24	\$250	\$6,000
6	Loop Road Pumping Station (Station C)	LS	1	\$100,000	\$100,000
7	Locust Grove Road Pumping Station (Station B)	LS	1	\$100,000	\$100,000
8	3" PVC Force Main	LF	8,120	\$20	\$162,400
9	Temporary Roadway & Shoulder Restoration	LF	15,850	\$10	\$158,500
10	Perm. Twp. Road & Shoulder Restoration	LF	15,850	\$20	\$317,000
11	Lawn & Field Restoration	LF	3,720	\$4	\$14,880
12	Work Zone Traffic Control	LS	1	\$10,000	\$10,000
13	Erosion & Sedimentation Control	LS	1	\$7,500	\$7,500
14	Temporary Facilities	LS	1	\$2,000	\$2,000
15	Bonds & Insurances	LS	1	\$20,478	\$20,478
16	Mobilization & Demobilization	LS	1	\$3,500	\$3,500
	ESTIMATED CONSTRUCTION COST				\$1,428,110
	ADMIN, LEGAL & ENGINEERING (25%)				\$357,028
	PUMPING STATION EASEMENTS				\$16,000
	10% CONTINGENCY				\$180,114
	TOTAL ESTIMATED PROJECT COST				\$1,981,251



**TABLE 5-10**  
**PENRYN SEWER PLANNING DISTRICT**  
**ALTERNATIVE 4 - GRAVITY SEWERS, INTERCEPTOR, & PUMPING STATIONS**  
**PROBABLE PROJECT COST OPINION**

<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QUANTITY</b>	<b>UNIT PRICE</b>	<b>TOTAL PRICE</b>
1	8" PVC Gravity Sewer	LF	19,875	\$50	\$993,750
2	6" PVC Pipe Service Connection	LF	5,700	\$45	\$256,500
3	8" x 8" x 6" PVC Service Wye	EA	190	\$46	\$8,740
4	Std. Precast Conc. MH, Including Drop Connections (0-6' Deep)	EA	65	\$2,250	\$146,250
5	Standard Manhole Frame & Cover	EA	65	\$240	\$15,600
6	2" PVC Low Pressure Sewer	LF	3,700	\$15	\$55,500
7	1-1/2" PVC Low Pressure Service Connection	LF	4,050	\$9	\$36,450
8	Low Pressure Service Wye	EA	45	\$55	\$2,475
9	Terminal Cleanout Manhole	EA	6	\$2,200	\$13,200
10	Simplex Grinder Pump	EA	45	\$5,500	\$247,500
11	Locust Grove Road Pumping Station	LS	1	\$120,000	\$120,000
12	4" PVC Forcemain	LF	2,500	\$15	\$37,500
13	Meadow Drive Pumping Station	LS	1	\$150,000	\$150,000
14	6" PVC Forcemain	LF	6,550	\$25	\$163,750
15	12" PVC Interceptor	LF	4,900	\$65	\$318,500
16	Temporary Roadway & Shoulder Restoration	LF	26,425	\$5.00	\$132,125
17	Perm. Road & Shoulder Restoration	LF	26,425	\$20.00	\$528,500
18	Lawn & Field Restoration	LF	7,700	\$3.00	\$23,100
19	Work Zone Traffic Control	LS	1	\$15,000	\$15,000
20	Erosion & Sedimentation Control	LS	1	\$10,000	\$10,000
21	Temporary Facilities	LS	1	\$2,000	\$2,000
22	Bonds & Insurances	LS	1	\$65,599	\$65,599
23	Mobilization & Demobilization	LS	1	\$3,500	\$3,500
	<b>ESTIMATED CONSTRUCTION COST</b>				<b>\$3,345,540</b>
	<b>ADMIN, LEGAL &amp; ENGINEERING (25%)</b>				<b>\$836,385</b>
	<b>PUMPING STATION EASEMENTS</b>				<b>\$8,000</b>
	<b>10% CONTINGENCY</b>				<b>\$418,993</b>
	<b>TOTAL ESTIMATED PROJECT COST</b>				<b>\$4,608,918</b>

TABLE 5-11  
 LEXINGTON SEWER PLANNING DISTRICT  
 ALTERNATIVE 1 - GRAVITY SEWERS, PUMPING STATIONS, AND INDIVIDUAL  
 GRINDER PUMPS WITH LOW PRESSURE SEWERS. PUMPING STATION NO. 1  
 DISCHARGE  
 PROBABLE PROJECT COST OPINION

ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	8" PVC Gravity Sewer	LF	19,600	50	980,000
2	6" PVC Pipe Service Connection	LF	2,160	45	97,200
3	8" x 8" x 6" PVC Service Wye	EA	190	46	8,740
4	Std. Precast Conc. MH, Including Drop Connections (0-6' Deep)	EA	50	2,250	112,500
5	Standard Manhole Frame & Cover	EA	50	240	12,000
6	2" PVC Low Pressure Sewer	LF	2,700	15	40,500
7	1-1/2" PVC Low Pressure Service Connection	LF	26	9	234
8	Low Pressure Service Wye	EA	26	55	1,430
9	Terminal Cleanout Manhole	EA	3	2,200	6,600
10	Simplex Grinder Pump	EA	26	5,500	143,000
11	Fairland Road Pumping Station	LS	1	75,000	75,000
12	2" PVC Forcemain	LF	1,800	15	27,000
13	Fruitville Pike Pumping Station	LS	1	100,000	100,000
14	4" PVC Forcemain	LF	6,000	15	90,000
15	Bucknoll Road Pumping Station	LS	1	150,000	150,000
16	4" PVC Forcemain	LF	2,200	20	44,000
17	Upgrade Pumping Station No. 1	LS	1	200,000	200,000
18	Temporary Roadway & Shoulder Restoration	LF	27,400	5	137,000
19	Perm. Road & Shoulder Restoration	LF	27,400	20	548,000
20	Lawn & Field Restoration	LF	2,160	3	6,480
21	Work Zone Traffic Control	LS	1	15,000	15,000
22	Erosion & Sedimentation Control	LS	1	10,000	10,000
23	Temporary Facilities	LS	1	4,000	4,000
24	Bonds & Insurances	LS	1	36,644	36,644
25	Mobilization & Demobilization	LS	1	3,500	3,500
	ESTIMATED CONSTRUCTION COST				\$2,848,830
	ADMIN, LEGAL & ENGINEERING (25%)				\$712,208
	PUMPING STATION EASEMENTS				\$8,000
	10% CONTINGENCY				\$356,904
	TOTAL ESTIMATED PROJECT COST				\$3,925,941

**TABLE 5-12**  
**LEXINGTON SEWER PLANNING DISTRICT**  
**ALTERNATIVE 2 - GRAVITY SEWERS, PUMPING STATIONS, AND INDIVIDUAL**  
**GRINDER PUMPS WITH LOW PRESSURE SEWERS. PUMPING STATION NO. 3**  
**DISCHARGE**  
**PROBABLE PROJECT COST OPINION**

<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QUANTITY</b>	<b>UNIT PRICE</b>	<b>TOTAL PRICE</b>
1	8" PVC Gravity Sewer	LF	20,400	\$50	\$1,020,000
2	6" PVC Pipe Service Connection	LF	2,160	\$45	\$97,200
3	8" x 8" x 6" PVC Service Wye	EA	190	\$46	\$8,740
4	Std. Precast Conc. MH, Including Drop Connections (0-6' Deep)	EA	53	\$2,250	\$119,250
5	Standard Manhole Frame & Cover	EA	53	\$240	\$12,720
6	2" PVC Low Pressure Sewer	LF	2,700	\$15	\$40,500
7	1-1/2" PVC Low Pressure Service Connection	LF	26	\$9	\$234
8	Low Pressure Service Wye	EA	26	\$55	\$1,430
9	Terminal Cleanout Manhole	EA	3	\$2,200	\$6,600
10	Simplex Grinder Pump	EA	26	\$5,500	\$143,000
11	Fairland Road Pumping Station	LS	1	\$75,000	\$75,000
12	2" PVC Forcemain	LF	1,800	\$15	\$27,000
13	Fruitville Pike Pumping Station	LS	1	\$100,000	\$100,000
14	4" PVC Forcemain	LF	6,000	\$15	\$90,000
15	Bucknoll Road Pumping Station	LS	1	\$150,000	\$150,000
16	4" PVC Forcemain	LF	6,000	\$20	\$120,000
17	Temporary Roadway & Shoulder Restoration	LF	30,900	\$5	\$154,500
18	Perm. Road & Shoulder Restoration	LF	30,900	\$20	\$618,000
19	Lawn & Field Restoration	LF	8,160	\$3	\$24,480
20	Work Zone Traffic Control	LS	1	\$15,000	\$15,000
21	Erosion & Sedimentation Control	LS	1	\$10,000	\$10,000
22	Temporary Facilities	LS	1	\$4,000	\$4,000
23	Bonds & Insurances	LS	1	\$36,423	\$36,423
24	Mobilization & Demobilization	LS	1	\$3,500	\$3,500
	ESTIMATED CONSTRUCTION COST				\$2,877,580
	ADMIN, LEGAL & ENGINEERING (25%)				\$719,395
	PUMPING STATION EASEMENTS				\$8,000
	10% CONTINGENCY				\$360,498
	TOTAL ESTIMATED PROJECT COST				\$3,965,473

**TABLE 5-13**  
**LEXINGTON SEWER PLANNING DISTRICT**  
**ALTERNATIVE 3A - GRAVITY SEWERS, PUMPING STATIONS, AND INDIVIDUAL**  
**GRINDER PUMPS WITH LOW PRESSURE SEWERS. W.W.T.F. DISCHARGE**  
**PROBABLE PROJECT COST OPINION**

<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QUANTITY</b>	<b>UNIT PRICE</b>	<b>TOTAL PRICE</b>
1	8" PVC Gravity Sewer	LF	19,600	\$50	\$980,000
2	6" PVC Pipe Service Connection	LF	2,160	\$45	\$97,200
3	8" x 8" x 6" PVC Service Wye	EA	190	\$46	\$8,740
4	Std. Precast Conc. MH, Including Drop Connections (0-6' Deep)	EA	50	\$2,250	\$112,500
5	Standard Manhole Frame & Cover	EA	50	\$240	\$12,000
6	2" PVC Low Pressure Sewer	LF	2,700	\$15	\$40,500
7	1-1/2" PVC Low Pressure Service Connection	LF	26	\$9	\$234
8	Low Pressure Service Wye	EA	26	\$55	\$1,430
9	Terminal Cleanout Manhole	EA	3	\$2,200	\$6,600
10	Simplex Grinder Pump	EA	26	\$5,500	\$143,000
11	Fairland Road Pumping Station	LS	1	\$75,000	\$75,000
12	2" PVC Forcemain	LF	1,800	\$15	\$27,000
13	Fruitville Pike Pumping Station	LS	1	\$100,000	\$100,000
14	4" PVC Forcemain	LF	6,000	\$15	\$90,000
15	Bucknoll Road Pumping Station	LS	1	\$150,000	\$150,000
16	4" PVC Forcemain	LF	9,000	\$20	\$180,000
17	Temporary Roadway & Shoulder Restoration	LF	30,100	\$5	\$150,500
18	Perm. Road & Shoulder Restoration	LF	30,100	\$20	\$602,000
19	Lawn & Field Restoration	LF	11,160	\$3	\$33,480
20	Work Zone Traffic Control	LS	1	\$15,000	\$15,000
21	Erosion & Sedimentation Control	LS	1	\$10,000	\$10,000
22	Temporary Facilities	LS	1	\$4,000	\$4,000
23	Bonds & Insurances	LS	1	\$37,254	\$37,254
24	Mobilization & Demobilization	LS	1	\$3,500	\$3,500
	ESTIMATED CONSTRUCTION COST				\$2,879,940
	ADMIN, LEGAL & ENGINEERING (25%)				\$719,985
	PUMPING STATION EASEMENTS				\$8,000
	10% CONTINGENCY				\$360,793
	TOTAL ESTIMATED PROJECT COST				\$3,968,718

**TABLE 5-14**  
**LEXINGTON SEWER PLANNING DISTRICT**  
**ALTERNATIVE 3B - GRAVITY SEWERS, PUMPING STATIONS, AND INDIVIDUAL**  
**GRINDER PUMPS WITH LOW PRESSURE SEWERS. W.W.T.F. DISCHARGE**  
**PROBABLE PROJECT COST OPINION**

<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QUANTITY</b>	<b>UNIT PRICE</b>	<b>TOTAL PRICE</b>
1	8" PVC Gravity Sewer	LF	19,600	50	980,000
2	6" PVC Pipe Service Connection	LF	2,160	45	97,200
3	8" x 8" x 6" PVC Service Wye	EA	190	46	8,740
4	Std. Precast Conc. MH, Including Drop Connections (0-6' Deep)	EA	50	2,250	112,500
5	Standard Manhole Frame & Cover	EA	50	240	12,000
6	2" PVC Low Pressure Sewer	LF	2,700	15	40,500
7	1-1/2" PVC Low Pressure Service Connection	LF	26	9	234
8	Low Pressure Service Wye	EA	26	55	1,430
9	Terminal Cleanout Manhole	EA	3	2,200	6,600
10	Simplex Grinder Pump	EA	26	5,500	143,000
11	Fairland Road Pumping Station	LS	1	75,000	75,000
12	2" PVC Forcemain	LF	1,800	15	27,000
13	Fruitville Pike Pumping Station	LS	1	100,000	100,000
14	4" PVC Forcemain	LF	6,000	15	90,000
15	Bucknoll Road Pumping Station	LS	1	150,000	150,000
16	4" PVC Forcemain	LF	10,300	20	206,000
17	Temporary Roadway & Shoulder Restoration	LF	40,400	5	202,000
18	Perm. Road & Shoulder Restoration	LF	40,400	20	808,000
19	Lawn & Field Restoration	LF	2,160	3	6,480
20	Work Zone Traffic Control	LS	1	15,000	15,000
21	Erosion & Sedimentation Control	LS	1	10,000	10,000
22	Temporary Facilities	LS	1	4,000	4,000
23	Bonds & Insurances	LS	1	42,384	42,384
24	Mobilization & Demobilization	LS	1	3,500	3,500
	<b>ESTIMATED CONSTRUCTION COST</b>				<b>\$3,141,570</b>
	<b>ADMIN, LEGAL &amp; ENGINEERING (25%)</b>				<b>\$785,393</b>
	<b>PUMPING STATION EASEMENTS</b>				<b>\$8,000</b>
	<b>10% CONTINGENCY</b>				<b>\$393,496</b>
	<b>TOTAL ESTIMATED PROJECT COST</b>				<b>\$4,328,459</b>



**TABLE 5-15**  
**LEXINGTON SEWER PLANNING DISTRICT**  
**ALTERNATIVE 4 - GRAVITY SEWERS, PUMPING STATIONS, INDIVIDUAL GRINDER**  
**PUMPS WITH LOW PRESSURE SEWERS, AND PACKAGE W.W.T.F.**  
**PROBABLE PROJECT COST OPINION**

<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QUANTITY</b>	<b>UNIT PRICE</b>	<b>TOTAL PRICE</b>
1	8" PVC Gravity Sewer	LF	19,600	\$50	\$980,000
2	6" PVC Pipe Service Connection	LF	2,160	\$45	\$97,200
3	8" x 8" x 6" PVC Service Wye	EA	190	\$46	\$8,740
4	Std. Precast Conc. MH, Including Drop Connections (0-6' Deep)	EA	50	\$2,250	\$112,500
5	Standard Manhole Frame & Cover	EA	50	\$240	\$12,000
6	2" PVC Low Pressure Sewer	LF	2,700	\$15	\$40,500
7	1-1/2" PVC Low Pressure Service Connection	LF	26	\$9	\$234
8	Low Pressure Service Wye	EA	26	\$55	\$1,430
9	Terminal Cleanout Manhole	EA	3	\$2,200	\$6,600
10	Simplex Grinder Pump	EA	26	\$5,500	\$143,000
11	Fairland Road Pumping Station	LS	1	\$75,000	\$75,000
12	2" PVC Forcemain	LF	1,800	\$15	\$27,000
13	Fruitville Pike Pumping Station	LS	1	\$100,000	\$100,000
14	4" PVC Forcemain	LF	6,000	\$15	\$90,000
15	Package Wastewater Treatment Facility	LS	1	\$750,000	\$750,000
16	Temporary Roadway & Shoulder Restoration	LF	30,100	\$5	\$150,500
17	Perm. Road & Shoulder Restoration	LF	30,100	\$20	\$602,000
18	Lawn & Field Restoration	LF	2,160	\$3	\$6,480
19	Work Zone Traffic Control	LS	1	\$15,000	\$15,000
20	Erosion & Sedimentation Control	LS	1	\$10,000	\$10,000
21	Temporary Facilities	LS	1	\$4,000	\$4,000
22	Bonds & Insurances	LS	1	\$64,714	\$64,714
23	Mobilization & Demobilization	LS	1	\$3,500	\$3,500
	ESTIMATED CONSTRUCTION COST				\$3,300,400
	ADMIN, LEGAL & ENGINEERING (25%)				\$825,100
	PUMPING STATION EASEMENTS				\$12,000
	10% CONTINGENCY				\$413,750
	TOTAL ESTIMATED PROJECT COST				\$4,551,250

<p align="center">TABLE 5-16  LEXINGTON ROAD \ SEGO SAGO ROAD AREA  FUTURE ALTERNATIVE 1 - GRAVITY SEWERS, PUMPING STATIONS, AND INDIVIDUAL  GRINDER PUMPS WITH LOW PRESSURE SEWERS.  PROBABLE PROJECT COST OPINION</p>					
ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	8" PVC Gravity Sewer	LF	7,500	\$50	\$375,000
2	6" PVC Pipe Service Connection	LF	2,640	\$45	\$118,800
3	8" x 8" x 6" PVC Service Wye	EA	88	\$46	\$4,048
4	Std. Precast Conc. MH, Including Drop Connections (0-6' Deep)	EA	19	\$2,250	\$42,750
5	Standard Manhole Frame & Cover	EA	19	\$240	\$4,560
6	2" PVC Low Pressure Sewer	LF	250	\$15	\$3,750
7	1-1/2" PVC Low Pressure Service Connection	LF	7	\$9	\$63
8	Low Pressure Service Wye	EA	7	\$55	\$385
9	Terminal Cleanout Manhole	EA	1	\$2,200	\$2,200
10	Simplex Grinder Pump	EA	7	\$5,500	\$38,500
11	Sego Sago Road Pumping Station	LS	1	\$75,000	\$75,000
12	2" PVC Forcemain	LF	800	\$15	\$12,000
13	Temporary Roadway & Shoulder Restoration	LF	8,300	\$5	\$41,500
14	Perm. Road & Shoulder Restoration	LF	8,300	\$20	\$166,000
15	Lawn & Field Restoration	LF	2,640	\$3	\$7,920
16	Work Zone Traffic Control	LS	1	\$10,000	\$10,000
17	Erosion & Sedimentation Control	LS	1	\$7,500	\$7,500
18	Temporary Facilities	LS	1	\$3,000	\$3,000
19	Bonds & Insurances	LS	1	\$18,330	\$18,330
20	Mobilization & Demobilization	LS	1	\$3,500	\$3,500
	ESTIMATED CONSTRUCTION COST				\$934,810
	ADMIN, LEGAL & ENGINEERING (25%)				\$233,703
	PUMPING STATION EASEMENTS				\$8,000
	10% CONTINGENCY				\$117,651
	TOTAL ESTIMATED PROJECT COST				\$1,294,164

**TABLE 5-17**  
**SOUTH PENRYN ROAD SEWER PLANNING DISTRICT**  
**ALTERNATIVE 1A - GRAVITY SEWERS**  
**PROBABLE PROJECT COST OPINION**

<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QUANTITY</b>	<b>UNIT PRICE</b>	<b>TOTAL PRICE</b>
1	8" PVC Gravity Sewer	LF	3,755	\$50	\$187,750
2	6" PVC Pipe Service Connection	LF	250	\$45	\$11,250
3	8" x 8" x 6" PVC Service Wye	EA	15	\$46	\$690
4	Connect 8" Sewer to Existing Manhole	EA	1	\$1,000	\$1,000
5	Std. Precast Conc. MH, Including Drop Connections (0-6' Deep)	EA	13	\$2,250	\$29,250
6	Standard Manhole Frame & Cover	EA	13	\$240	\$3,120
7	Temporary Roadway & Shoulder Restoration	LF	150	\$5	\$750
8	Perm. Road & Shoulder Restoration	LF	150	\$20	\$3,000
9	Lawn & Field Restoration	LF	3,775	\$3	\$11,325
10	Bituminous Drive Restoration	LF	80	\$10	\$800
11	Work Zone Traffic Control	LS	1	\$3,500	\$3,500
12	Bonds & Insurances	LS	1	\$5,148	\$5,148
13	Erosion & Sedimentation Control	LS	1	\$2,000	\$2,000
14	Mobilization & Demobilization	LS	1	\$3,000	\$3,000
	<b>ESTIMATED CONSTRUCTION COST</b>				<b>\$262,580</b>
	<b>EASEMENT ACQUISITION</b>		<b>3,145 FT</b>	<b>@3.00/ft</b>	<b>\$9,435</b>
	<b>ADMIN, LEGAL &amp; ENGINEERING (25%)</b>				<b>\$65,645</b>
	<b>10% CONTINGENCY</b>				<b>\$33,766</b>
	<b>TOTAL ESTIMATED PROJECT COST</b>				<b>\$371,426</b>

**TABLE 5-18**  
**SOUTH PENRYN ROAD SEWER PLANNING DISTRICT**  
**ALTERNATIVE 1B - GRAVITY SEWERS & LOW PRESSURE SEWER**  
**PROBABLE PROJECT COST OPINION**

<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QUANTITY</b>	<b>UNIT PRICE</b>	<b>TOTAL PRICE</b>
1	8" PVC Gravity Sewer	LF	4,700	\$50	\$235,000
2	6" PVC Pipe Service Connection	LF	200	\$45	\$9,000
3	1-1/2" PVC Low Pressure Service Connection	LF	480	\$9	\$4,320
4	Low Pressure Service Wye	EA	15	\$55	\$825
5	Connect 8" Sewer to Existing Manhole	EA	1	\$1,000	\$1,000
6	Std. Precast Conc. MH, Including Drop Connections (0-6' Deep)	EA	18	\$2,250	\$40,500
7	Standard Manhole Frame & Cover	EA	18	\$240	\$4,320
8	Simplex Grinder Pump	EA	4	\$5,400	\$21,600
9	Temporary Roadway & Shoulder Restoration	LF	1,190	\$5	\$5,950
10	Perm. Road & Shoulder Restoration	LF	1,190	\$20	\$23,800
11	Lawn & Field Restoration	LF	2,920	\$3	\$8,760
12	Bituminous Drive Restoration	LF	80	\$10	\$800
13	Work Zone Traffic Control	LS	1	\$3,500	\$3,500
14	Bonds & Insurances	LS	1	\$2,321	\$2,321
15	Erosion & Sedimentation Control	LS	1	\$2,000	\$2,000
16	Mobilization & Demobilization	LS	1	\$3,000	\$3,000
	ESTIMATED CONSTRUCTION COST				\$366,700
	EASEMENT ACQUISITION		2,990 FT	@3.00/ft	\$8,970
	ADMIN, LEGAL & ENGINEERING (25%)				\$91,675
	10% CONTINGENCY				\$46,735
	TOTAL ESTIMATED PROJECT COST				\$514,080

**TABLE 5-19**  
**SOUTH PENRYN ROAD SEWER PLANNING DISTRICT**  
**ALTERNATIVE 2 - GRAVITY SEWERS & PUMPING STATION**  
**PROBABLE PROJECT COST OPINION**

<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QUANTITY</b>	<b>UNIT PRICE</b>	<b>TOTAL PRICE</b>
1	8" PVC Gravity Sewer	LF	1,225	\$50	\$61,250
2	6" PVC Pipe Service Connection	LF	250	\$45	\$11,250
3	2" PVC Forcemain	LF	155	\$17	\$2,635
4	8" PVC Gravity Sewer & 2" PVC Forcemain	LF	575	\$60	\$34,500
5	Service Wye	EA	15	\$55	\$825
6	Connect Forcemain to Existing Manhole	EA	1	\$1,500	\$1,500
7	State Road Boring, 10" Steel Casing Pipe w\ 2" Carrier Pipe	LF	35	\$200	\$7,000
8	Std. Precast Conc. MH, Including Drop Connections (0-6' Deep)	EA	9	\$2,250	\$20,250
9	Standard Manhole Frame & Cover	EA	9	\$240	\$2,160
10	Package Pump Station	EA	1	\$50,000	\$50,000
11	Coat Existing Manhole Interior	EA	3	\$2,500	\$7,500
12	Temporary Roadway & Shoulder Restoration	LF	165	\$5	\$825
13	Perm. Road & Shoulder Restoration	LF	165	\$20	\$3,300
14	Lawn & Field Restoration	LF	1,960	\$3	\$5,880
15	Bituminous Drive Restoration	LF	80	\$10	\$800
16	Work Zone Traffic Control	LS	1	\$3,500	\$3,500
17	Bonds & Insurances	LS	1	\$2,154	\$2,154
18	Erosion & Sedimentation Control	LS	1	\$2,000	\$2,000
19	Mobilization & Demobilization	LS	1	\$3,000	\$3,000
	ESTIMATED CONSTRUCTION COST				\$220,330
	EASEMENT ACQUISITION		1,135 FT	@3.00/ft	\$3,405
	ADMIN, LEGAL & ENGINEERING (25%)				\$55,083
	10% CONTINGENCY				<u>\$27,882</u>
	TOTAL ESTIMATED PROJECT COST				\$306,699



**TABLE 5-20**  
**SOUTH PENRYN ROAD SEWER PLANNING DISTRICT**  
**ALTERNATIVE 3 - LOW PRESSURE SEWER**  
**PROBABLE PROJECT COST OPINION**

<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QUANTITY</b>	<b>UNIT PRICE</b>	<b>TOTAL PRICE</b>
1	2" PVC Low Pressure Main	LF	1,340	\$17	\$22,780
2	1-1/2" PVC Low Pressure Service Connection	LF	1,800	\$15	\$27,000
3	Service Wye	EA	15	\$50	\$750
4	Connect Low Pressure Main to Existing Manhole	EA	1	\$2,500	\$2,500
5	State Road Boring, 10" Steel Casing Pipe w\ 2" Carrier Pipe	LF	35	\$200	\$7,000
6	Cleanout Manhole	EA	4	\$2,900	\$11,600
7	Coat Existing Manhole Interior	EA	3	\$2,500	\$7,500
8	Simplex Grinder Pump	EA	15	\$5,400	\$81,000
9	Temporary Roadway & Shoulder Restoration	LF	170	\$5	\$850
10	Perm. Road & Shoulder Restoration	LF	170	\$20	\$3,400
11	Lawn & Field Restoration	LF	2,890	\$3	\$8,670
12	Bituminous Drive Restoration	LF	80	\$10	\$800
13	Work Zone Traffic Control	LS	1	\$3,500	\$3,500
14	Bonds & Insurances	LS	1	\$2,651	\$2,651
15	Erosion & Sedimentation Control	LS	1	\$2,000	\$2,000
16	Mobilization & Demobilization	LS	1	\$3,000	\$3,000
	ESTIMATED CONSTRUCTION COST				\$185,000
	EASEMENT ACQUISITION		640 FT	@3.00/ft	\$1,920
	ADMIN, LEGAL & ENGINEERING (25%)				\$46,250
	10% CONTINGENCY				\$23,317
	TOTAL ESTIMATED PROJECT COST				\$256,487

**TABLE 5-21  
WASTEWATER TREATMENT FACILITY UPGRADE  
PROBABLE PROJECT COST OPINION**

<b>ITEM</b>	<b>DESCRIPTION</b>	<b>TOTAL PRICE</b>
1	Influent Pumping Station	
	Mechanical/Electrical	\$40,000
	Structural	\$75,000
	Equipment/Controls/Piping, Etc.	\$89,000
2	Treatment Facility Upgrade	
	Mechanical/Electrical	\$325,000
	Control Building - Structural	\$152,000
	Wastewater Treatment Tankage - Structural	\$830,500
	Influent/Effluent Lines & Outfall	\$75,000
	Sequencing Batch Reactor	\$542,000
	UV & Metering Systems	\$165,000
	Chemical Feed Systems	\$57,113
	Misc. Process Piping, Valves, Gates, Weirs, Etc.	\$119,000
3	Upgrade Pumping Station No. 3	
	Mechanical/Electrical w/ Genset	\$80,000
	Tankage - Structural	\$115,000
	Pumps	\$32,000
	Forcemain Upgrade	\$125,000
	Land Acquisition	\$10,000
4	Site Work/Stormwater/Landscaping/Fencing/Roads/Parking	\$45,000
5	Mobilization/Demobilization	\$20,000
6	Bonds & Insurances (2% of project)	\$57,932
	ESTIMATED CONSTRUCTION COST	\$2,954,545
	10% CONTINGENCY	\$295,455
	TOTAL ESTIMATED PROJECT COST	\$3,250,000

## **5.5 Local Agency Programs and Regulation**

A municipality's sewage facilities program typically consists of the enforcement of systems permitted by the sewage enforcement officer, the review and adoption of Planning Modules for land development, administration and enforcement of authority regulations, and the enforcement of special purpose ordinances related to sewage facilities. A local sewage facilities program can be enhanced through the implementation of additional requirements, which relate to DEP regulations or specific concerns of the municipality. Within the context of an Act 537 Plan, such requirements may be in the form of selected nonstructural alternatives. The following subsections represent alternatives, which could be selected and implemented within the Plan.

Due to the Township's policy of not considering remote WWTFs as a feasible alternative, detailed analysis of alternative treatment systems was not considered. Based upon preliminary soils analysis, soils in the Township do not appear to support spray irrigation or drip irrigation systems. Additionally, similar to state trends for regional planning, the Township selected structural alternatives that will convey wastewater to a centralized WWTF.

### **5.5.1 Retaining Tanks**

Specific criteria for the use of retaining tanks is provided by Chapter 71, Section 71.63 which primarily permit such facilities as a temporary solution to abate an immediate health hazard in areas where sewers are planned. Due to the high maintenance costs resulting from frequent pumping, retaining tanks are not considered to be a viable long-term alternative. However, retaining tanks may be necessary as an interim measure, subject to the requirements of Chapter 71.

### **5.5.2 Community On-Lot Disposal System**

Malfunctioning OLDS are often located in areas that have poor soils or small lot sizes, making it impossible or excessively expensive to replace these systems on-site (3).

If faced with this situation municipalities will investigate the possibility of constructing community on-lot disposal systems (COLDS).

A community sewage system is defined as a publicly or privately owned facility for the collection of sewage from two or more lots, or two or more equivalent dwelling units and the treatment, disposal, or both of the sewage on one or more of the lots or at another site (4).

The basic procedure for developing a COLDS will be as follows (3):

1. The Township will identify clusters of malfunctioning OLDS.
2. The Township will locate and obtain access for potential sites for the construction of a collection system COLDS.
3. The Township will plan, design, and permit the proposed COLDS.

The operation and maintenance of COLDS is generally low-cost and not technically difficult, but the lack of adequate maintenance may cause irreversible damage. The best approach for management of COLDS will be for the Township to own, operate, and maintain the treatment system and collection and conveyance lines (3).

The Township is hesitant to promote COLDS do to the concern of adequate maintenance being administered by the owner of the COLDS and the fact that the supervisors would prefer a more regional approach to addressing wastewater needs. However, should a need occur in a remote area of the Township that is not feasible to extend public sewer the Township would explore all alternatives to address the malfunction including a COLDS.

### **5.5.3 Alternative and Experimental Systems**

Recognizing that poor soil conditions exist in the majority of the planning area, property owners within

the Township may need to rely on the many different Alternate and Experimental Systems defined by the DEP. These technologies are to be applied for parcels where conventional OLDS cannot be used due to unfavorable site conditions such as poor soils, high ground water levels, steep slopes, etc. These systems can be used for new development, as well as for replacing existing failed systems. Many of them may also be applied to COLDS.

State trends towards regionalization of wastewater collection systems and the Authority's position to not accept satellite WWTFs have led us to not investigate alternative systems in depth. However, should the Township be faced with utilizing an alternate or experimental system the following provides a brief synopsis defining the various types of systems that were available at the time of this Plan.



### Alternate Sewage Systems

An Alternate sewage system is a method of demonstrated on-lot sewage treatment and disposal that is not described in Chapter 73 of the Pennsylvania Code (4).

SEO's employed by a local agency delegated with authority to review alternate system proposals or SEO's who have completed the DEP sponsored training course on alternate systems may issue permits for such systems. The DEP issues permits for alternate systems in all other cases (1).

Below is a listing of several alternate technologies established by the DEP:

1. Non-infiltration, evapo-transpiration bed contained within a green house
2. Greywater systems
3. Flow equalization
4. Leaching chambers
5. Shallow Placement Pressure Dosed systems
6. At-grade systems
7. Denitrification units
8. Drip irrigation systems
9. Echo systems

### Experimental Systems

An experimental sewage system is a method of on-lot sewage treatment and disposal not described in Chapter 73 of the Pennsylvania Code, which is proposed for the purpose of testing and observation (4).

All experimental technology systems and methods listed require DEP regional and central office comment. The SEO is required to consider those comments prior to issuing a permit for an experimental system.

Some experimental technologies include:

1. Controlled fill
2. Elijen Type B In-Drain

### 3. Peat Moss Based Systems

#### **5.5.4 Small Flow Treatment Facilities**

Small flow treatment facilities (S.F.T.Fs) serve residential dwellings subject to Chapter 71, Section 71.64 and Planning Module criteria which include discharge requirements, soil suitability, and preliminary hydrogeologic evaluations and are permitted by DEP to abate an existing nuisance or health hazard. Such facilities are not proposed within this Plan as an alternative for existing or potential malfunctions. However, it is conceivable that S.F.T.Fs could be proposed for future failing systems or vacant residential lots. On a case-by-case basis, the governing body may require specific operation and maintenance requirements based on one or more of the methods established in Chapter 71 Section 71.72 or in another form acceptable to the Board of Supervisors and DEP. Such conditions would be established during the planning module process, prior to municipal adoption.

#### **5.5.5 Supplemental Planning Module Requirements**

The Township currently administers an effective planning module program. All planning modules that utilize an on-lot sewage disposal method are required to provide an area for an initial and a replacement system. Wastewater disposal systems not owned or operated by the Township or the Authority are required to comply with a long-term operation and maintenance program.

#### **5.5.6 Sewage Management Program**

Penn Township currently contains an on-lot sewage management program enforced through an ordinance enacted in 1992 and amended March 8, 1999. The ordinance contains regulations that require the location of an initial and replacement on-lot sewage disposal system, the proof of maintenance of an annual inspection of denitrification systems or other system or apparatus for the additional treatment of wastewater or effluent be provided, and the violations and penalties for those that do not follow said ordinance. A copy of both

the 1992 Ordinance and the March 8, 1999 amendment is provided in Appendix B.

#### **5.5.7 Olds Education**

The Township has in the past educated the public to the proper maintenance requirements of on-lot sewage disposal systems. A copy of a recent Penn Township Newsletter article discussing proper on-lot sewage disposal maintenance has been provided in Appendix B.

#### **5.5.8 Comprehensive Planning**

In 2000, the Township completed an update to its regional comprehensive plan with Rapho Township and Manheim Borough. This 537 Plan submission is consistent with all growth management practices compiled within the 2000 Comprehensive Plan update. However, the Township should continue to monitor its Comprehensive Plan to ensure that it is being implemented and it is still consistent with the Township's goals and objectives.

#### **5.5.9 Zoning and Subdivision and Land Development Regulations**

The Township's zoning ordinance and map along with the subdivision and land development ordinance are consistent with the municipal objectives set forth in the Comprehensive Plan and this 537 Plan submission.

The previous descriptions in section 5.5 were developed using the following references:

1. A Municipal Official's Guide to Managing On-Lot Sewage Disposal Systems, Pennsylvania State Association of Township Supervisors, 1998.
2. Sewage Facilities Program, The Pennsylvania Department of Environmental Protection, 1997.
3. Sewage Management Programs, Ensuring Long-Term Use of On-Lot Systems Through Proper Operation and Maintenance, The Pennsylvania Department of Environmental Protection – Fact Sheet, 3620-FS-DEP1587, 12/96.
4. Pennsylvania Code, Title 25, Chapter 73, Commonwealth of Pennsylvania, 1/17/98.

5. Guidelines For Design, Installation & Operation of Small Flow Sewage Treatment Facilities, The Pennsylvania Department of Environmental Protection, 3620-BK-DEP1624, Rev. 8/98.
6. General Permit For Discharges From Single Residence Sewage Treatment Plants (PAG-4) – Fact Sheet, The Pennsylvania Department of Environmental Protection, 3620-PM-WQ0013c, Rev. 1/99.

# CHAPTER 6:

## EVALUATION OF ALTERNATIVES

### 6.1 Consistency Evaluation

In addition to obtaining consistency with municipal objectives, it is important to evaluate the consistency between alternatives and the objectives of county, state, and federal policies and plans. As required by the Pennsylvania Sewage Facilities Act, this Plan is evaluated for consistency with each of the following policies and plans:

#### Plans approved under the Clean Streams Law or the Clean Water Act

The ***Comprehensive Water Quality Management Plan*** (COWAMP) was developed by DEP under the Clean Streams Law and Clean Water Act. Considering the findings of the previous chapters of this Plan, the alternatives evaluated by this Plan are not considered to be inconsistent with the COWAMP.

#### Municipal Wasteload Management Plan under Chapter 94

The alternatives evaluated in this Plan have not been included as part of previous Chapter 94 Reports. Penn Township decided to complete a Township-wide Act 537 Plan in early 2002 to provide sewer service to existing problem areas as well as anticipate future growth areas.

#### The State Water Plan

The State Water Plan identifies specific goals and objectives for water supply, flood damage reduction, outdoor recreation, water quality management, and environmental management. With the exception of the no action alternative, all alternatives presented in this Sewage Facilities Plan are consistent with the goals and objectives of the State Water Plan.

#### Comprehensive Plans

The structural alternatives evaluated within this Plan are consistent with the growth areas identified in the Manheim Central Region Comprehensive Plan. It should be noted that several of the alternatives that were associated with the Hi View and Penryn Sewer



Planning Districts contain proposed sewer lines that were extended through agricultural areas of the Township to connect to the WWTF. In every alternative, methods such as extending lines adjacent to areas with preserved land or using a forcemain line rather than a gravity line were investigated to curtail unwanted growth in areas not zoned for development.

All alternatives evaluated within this Plan are generally consistent with Lancaster County's Comprehensive Plan. With the exception of the Hi View Sewer Planning District, which lies within a residentially zoned classification, all Sewer Planning Districts investigated as part of this report fall within either the Manheim Area UGB or the Penryn VGB.

#### Antidegradation Requirements Contained in Chapters 93, 95, and 102

The implementation of any of the structural alternatives or continued use of properly functioning on-lot sewage disposal systems would not result in a conflict with the regulations of Chapter 93 (water quality criteria), Chapter 95 (wastewater treatment requirements), or Chapter 102 (erosion and sedimentation control).

### Pennsylvania Prime Agricultural Land Policy

The construction of a public sewer system, which would be capable of controlling growth, would reduce the amount of agricultural land, which is converted to nonagricultural use.

### County Stormwater Management Plans Approved by the Department

The alternatives evaluated in this Plan are not considered to be inconsistent with the stormwater section of the Penn Township Subdivision and Land Development Ordinance.

### Wetland Protection under Chapter 105

Based on the National Wetlands Information no wetlands would be impacted by the implementation of any alternatives considered in this Plan.

### Protection of Rare and Endangered Plant and Animal Species

The Pennsylvania Department of Conservation and Natural Resources (DCNR) Bureau of Forestry consulted the Pennsylvania Natural Diversity Index. This consultation has indicated that the proposed project may contain areas that impact endangered, threatened, or rare species. The letter recommends contacting both the U.S. Fish and Wildlife Service and the Pennsylvania Fish and Boat Commission to verify potential impact. A copy of the DCNR's February 3, 2003 letter is provided in Appendix A.

### Pennsylvania Historic Preservation Act

To determine whether there were any historic resources located within the designated areas within Penn Township, Lancaster County, an office search was conducted of historical databases including the ARCH-National Historic Landmarks & National Register of Historic Places in Pennsylvania web site ([www.arch.state.pa.us](http://www.arch.state.pa.us)) and the printed publication *National Register/Listed & Eligible Properties in PA*. The ARCH web site is maintained by the Pennsylvania

Historical and Museum Commission (PHMC) and provides public access to resources that have been listed on the National Register of Historic Places and an inventory of the National Historic Landmarks in Pennsylvania. This site contains the complete nomination forms for over 3000 National Register nominations and almost 200 National Historic Landmark properties. Each nomination includes the name and location of the property, a physical description, a statement of the property's significance, geographical data, bibliographic references, and, at least one representative photograph for each property or district. Forms can be retrieved through a [searchable database](#). The printed publication provides the *listed* properties in addition to other properties have been formally determined *eligible for listing* on the National Register (NR).

The web site search resulted in 6 properties in Penn Township that are listed on the NR. By viewing the details and maps provided for each listed resource, it was determined that none of the resources were located within the highlighted areas of concern in Penn Township. The printed database listed only one resource in Penn Township and that resource was also not located within the highlighted area.

As a result, there are no historical resources listed on the NR and no historical resources formally determined eligible for listing on the NR in the designated areas. However, these database searches only provide information on resources/properties that have been previously surveyed and determined eligible or listed by PHMC. Field investigations of the actual properties in the highlighted areas in Penn Township would be required to determine if any other properties were considered eligible for listing on the National Register and these determinations would have to be verified with PHMC. Copies of the web site and *National Register/Listed & Eligible Properties in PA* search results are provided in Appendix B.

#### Plans developed under Title II of the Clean Water Act or Titles II & VI of the Water Quality Act of 1987

No previous wastewater planning has been conducted for the planning area under Title II. Therefore, there are no inconsistencies resulting from this Plan.

## **6.2 Water Quality Standards**

The treatment alternatives identified and evaluated in Chapter 5 were selected based on the ability to provide adequate treatment of wastewater.

## **6.3 Funding Alternatives and Cash Flow Analysis**

### **6.3.1 Funding Alternatives**

The most significant challenge for a viable public sewer project is the identification of a financing plan that the users can afford. User fees for sewer projects usually include a tapping fee (sometimes referred to as a capital recovery fee) and an annual user fee (also known as a sewer rental). The tapping fee is paid only once prior to connection and serves to decrease the amount of money that must be borrowed to finance a project. The annual user fee is usually paid in quarterly installments and covers annual operation and maintenance (O&M) and debt service which consists of principal and interest payments on money borrowed for the project. An additional cost incurred by each customer is the construction of the customer facilities, which connect each structure to the sewer. Customer facilities are typically the responsibility of each property owner and are therefore not included in this rate analysis.

The consensus of Penn Township and the Authority is that an affordable rate structure for the Township's customers should not exceed an initial tapping fee of \$4,000 and an average initial annual sewer rental (user fee) of \$470 per year. This average annual sewer rental fee was calculated by adding the Authority's quarterly base rate of \$92.50 and an average water consumption of 10,000 per quarter times \$2.50 per 1,000 gallons. This approximated an average quarterly sewer rental fee of \$117.50 per EDU. Recognizing such financial limitations, it is evident that the implementation of any of the structural alternatives would require a financing plan. Consequently, the following financing alternatives were evaluated as potential funding sources:

### Community Facilities Program

The Community Facilities Program is administered by the Pennsylvania Department of Community and Economic Development (DCED) and provides grant-in-aid assistance for needed public facilities in municipalities with a population of 12,000 or less. Under this program, grants are limited to projects with a total cost of \$2 million or less. Eligible projects include the construction, rehabilitation, alteration, expansion, or improvement of water facilities, sanitary sewage disposal facilities and access roads to serve a public water or sanitary sewer facility. Generally, grants are limited to \$50,000 or 50 percent of the total project cost. However, this may be increased to \$75,000 or 75 percent of the total eligible project cost for economically distressed communities. Eligible projects are evaluated competitively on the following factors:

1. the project's improvement of health and safety within the municipality;
2. the degree of economic distress in the locality;
3. project readiness; and
4. cost effectiveness of the project.

### Infrastructure Development Grant Program

The Pennsylvania Department of Community and Economic Development (DCED) administers the Infrastructure Development Program. This program provides grants or loans to local sponsors (such as local governments, authorities and development districts) in order to install specific infrastructure improvements necessary to complement industrial investment by private companies which increase Pennsylvania's share of domestic and international commerce and create new jobs. To be considered eligible, the participating private companies must be involved in agricultural, industrial, manufacturing or research and development enterprises. This program requires a private company-funding match, which must be at least \$2 for every \$1 of monies appropriated. The program considers the private matching funds in the form of the private company's industrial investment.

Eligible costs under this program include construction, expansion, improvement, rehabilitation or repair of the eligible infrastructure.



### Industrial Site Development Program

Administered by the Pennsylvania DCED, this program provides grants to municipalities and public non-profit agencies for developing sites for economic development. Projects that qualify include construction, rehabilitation, expansion, or improvement of water facilities, sanitary sewage collection lines, access roads, and channel realignment and land acquisition in urban areas. Generally, grants are limited to \$50,000 or 50 percent of the total project, whichever is less. In economically distressed communities, a maximum grant of \$100,000 is permitted.

### Community Development Block Grant Program

This program is administered by the Pennsylvania DCED for the U.S. Department of Housing and Urban Development. Both financial and technical assistance is provided through the Federal Community Development Block Grant Program to aid in community economic development efforts. Among others, eligible project activities include the construction of water and wastewater facilities.

Approximately 50% of the money allocated to Pennsylvania are in turn reallocated to various entitlement communities. The remaining funds are allocated through a statewide competitive program (non-entitlement municipalities). Requests for funding for county entitlement funds are made through each county planning commission, which acts as a screening agency for the county commissioners. Similarly, applications for funding through the statewide competitive grant process are submitted to the Pennsylvania DCED. The basic eligibility criteria established by the DCED requires that 51% of the project benefit low and moderate income households in the project area.

### Public Bond Issue

Bonds are a traditional method of long-term financing of municipal utility projects in Pennsylvania. This method

involves selecting an underwriter or financial advisor to structure and sell bonds and a bank or trust company to serve as the trustee.

#### Pennsylvania Infrastructure Investment Authority (PENNVEST)

The Pennsylvania Infrastructure Investment Authority program is administered by PENNVEST staff in conjunction with the Pennsylvania Department of Environmental Protection. This program provides low interest loans and limited grant assistance to communities for wastewater, drinking water, and stormwater facilities. Low interest loans are as low as one percent with a typical term of 20 years. On relatively rare occasions, PENNVEST can provide extended term loans, which can be as long as 25 years. The maximum grant assistance is \$250,000. PENNVEST recommends that municipalities avoid basing sewage facilities planning on the assumption that an extended term or maximum grant will be awarded.

Communities which are designated “severely economically disadvantaged” may qualify for a PENNVEST grant through the Hardship Grants Program for Rural Communities. PENNVEST also administers a low interest loan funding program for the repair of individual on-lot sewage disposal systems for qualifying households. The maximum loan amount is \$15,000 and can be used for subsurface disposal systems and small flow treatment facilities. Such loans have an annual interest rate of one percent and a maximum term of 15 years.

#### Rural Development - U.S. Department of Agriculture

Formerly known as the Farmer’s Home Administration or FmHA, this program provides the longest term (40 year) fixed rate financing for qualified municipal utility projects. Such loans are typically at a lower interest rate than can be found on the market. Project eligibility is based on the median household income of residents within the municipality. Grant funding for up to 75 percent of project costs is also available if such grants are necessary to make a project affordable. Funding is

based on the annual appropriation of federal funds to the program. The agency's significant backlog of applications for grant funds would likely result in a delay of three to five years from the time of application.

#### Summary of Funding Sources

The Authority's previous construction projects were financed through conventional bank loans. Currently, the Authority's outstanding debt is repaid at the rate of approximately \$211,993 per year.

For future projects, the Authority will investigate financing either through PENNVEST, conventional bank loans, or bond issues, depending upon interest rates, the required repayment period on the loan, and other extenuating factors.

### **6.3.2 Cash Flow Analysis**

A cash flow analysis that summarized the Authority's net cash balance at the end of each year through 2023 was utilized to analyze the feasibility of each of the proposed recommended alternatives included in this Plan. The cash flow analysis compares the yearly income from tapping fees and user fees against the yearly expenses, which minimally includes debt service and operation & maintenance costs.

As previously stated, the Township and the Authority have determined that the initial maximum tapping fee was to be set at approximately \$4,000 per equivalent dwelling unit (EDU). Therefore, if the calculated initial maximum tapping fee was greater than \$4,000 for any alternative, the tapping fee used in the funding analysis was capped at \$4,000.

After the tapping fee was determined, the net annual debt service was determined for each alternative by subtracting the tapping fee revenue from the estimated total project cost and amortizing this amount over a given loan period. This annual debt service was then incorporated into the cash flow analysis described above to determine the feasibility of each alternative.

### **6.3.3 Summary of Cash Flow Analysis**

The results of the cash flow analysis are summarized in Tables 6-1 through 6-3. A discussion of the results is provided below.

The Township / Authority has closed on a bond issue which retires the previously existing outstanding debt and also includes the necessary funding for the wastewater treatment facility expansion, relocation of pumping station no. 3, the South Penryn Road Sewer Planning District, and the Penryn Phase 1 Sewer Planning District (Alternative 3A). Upon completion of these construction projects the Township / Authority will reevaluate its financial standing prior to proceeding with additional construction projects.

The analysis presented in this document includes the construction cost estimates for the proposed recommended alternatives, the loan term of 20 year at the current Lancaster County PENNVEST interest rate of 3.47% for projects not covered under the bond issuance, and the existing and proposed equivalent dwelling units (EDUs). (See table 6-1 & 6-2)



TABLE 6-1  
DEBT SERVICE SUMMARY

First Project Cost - 2004	
WWTF Upgrade	\$2,888,000
Pumping Station No. 3 Upgrade	\$362,000
South Penryn Road SPD 1A	\$371,426
	<u>\$3,621,426</u>
Second Project Cost - 2005	
Penryn SPD Alt 3 - Phase 1	\$2,860,481
	<u>\$2,860,481</u>
Total Projects Cost (1)	<u>\$6,481,907</u>
Third Project Cost - 2007	
Penryn SPD Alt 3-Phase 2	\$1,981,251
Authority Contribution (-)	\$1,000,000
	<u>\$981,251</u>
Loan Term & Interest Rate	20 years @3.47%
Annual Debt Service	<u>\$68,842</u>
Fourth Project Cost - 2009	
Hi View SPD Alt 3	\$2,329,773
Authority Contribution (-)	\$1,000,000
	<u>\$1,329,773</u>
Loan Term & Interest Rate	20 years @3.47%
Annual Debt Service	<u>\$93,294</u>
Fifth Project Cost - 2013	
Lexington Road SPD Alt 2	\$3,965,473
Authority Contribution (-)	\$2,250,000
	<u>\$1,715,473</u>
Loan Term & Interest Rate	20 years @3.47%
Annual Debt Service	<u>\$120,353</u>

Notes : (1) The first and second projects to be undertaken by the Authority are being financed with funds secured through a recent bond issue.

TABLE 6-2 SUMMARY OF PROPOSED EQUIVALENT DWELLING UNITS	
5 EDUs	Misc. Connections per <i>Assessed Yearly</i>
1058 EDUs	Existing Service Area In Place
15 EDUs	South Penryn Road <i>Assessed 2005</i>
132 EDUs	Penryn Phase I <i>Assessed 2005</i>
153 EDUs	Penryn Phase II <i>Assessed 2007</i>
196 EDUs	Hi View w/ Penn Valley Village Mobile Home Park <i>Assessed 2009</i>
215 EDUs	Lexington Area <i>Assessed 2013</i>
198 EDUs	Sweetbriar Creek Subdivision <i>Assessed 2006-2015</i>
221 EDUs	Cedar Hollow Subdivision <i>Assessed 2005-2014</i>
231 EDUs	Brookshire Subdivision <i>Assessed 2005-2014</i>
19 EDUs	Pleasant View Expansion <i>Assessed 2005</i>
103 EDUs	Barons Ridge Subdivision <i>Assessed 2006-2008</i>
33 EDUs	Mallard Ponds Phase 3 <i>Assessed 2004-2006</i>
13 EDUs	Auto Auction-2004
13 EDUs	Shopping Center-2004

TABLE 6-3  
SUMMARY OF ESTIMATED CASH FLOW  
PROPOSED DEBT SERVICE

	Ex. Debt	Prop. Debt	Tapping	Tapping	Net	New	EDU's	User	EDU	Cash	Excess	Cash
Year	Service	Service	Fee Income	Fee	Obligation	EDU's	In Place	Fee	Operating Cost (2)	Generated	Cash	Balance (1)
2003	\$86,667		\$0	\$3,600	\$86,667	0	1,058	\$475	\$164	\$502,762	\$242,583	\$892,583
2004	\$478,400		\$162,000	\$3,600	\$316,400	45	1,103	\$478	\$167	\$689,763	\$26,854	\$919,437
2005	\$577,950		\$700,000	\$4,000	-\$122,050	175	1,278	\$482	\$171	\$1,315,773	\$519,764	\$1,439,200
2006	\$577,308		\$368,000	\$4,000	\$209,308	92	1,370	\$485	\$174	\$1,032,776	\$217,037	\$1,656,237
2007	\$581,855	\$68,842	\$368,000	\$4,000	\$213,855	92	1,462	\$489	\$178	\$1,082,507	\$241,119	\$897,356
2008	\$649,015		\$936,000	\$4,000	-\$286,985	234	1,696	\$492	\$181	\$1,770,889	\$814,781	\$1,712,137
2009	\$646,192	\$93,294	\$345,000	\$5,000	\$301,192	69	1,765	\$496	\$185	\$1,220,247	\$248,076	\$960,213
2010	\$740,426		\$1,325,000	\$5,000	-\$584,574	265	2,030	\$500	\$188	\$2,339,156	\$1,216,310	\$2,176,523
2011	\$740,294		\$345,000	\$5,000	\$395,294	69	2,099	\$503	\$192	\$1,401,536	\$257,915	\$2,434,438
2012	\$739,321		\$345,000	\$5,000	\$394,321	69	2,168	\$507	\$196	\$1,444,599	\$280,361	\$2,714,799
2013	\$742,499	\$120,353	\$414,000	\$6,000	\$328,499	69	2,237	\$511	\$200	\$1,557,364	\$367,656	\$832,455
2014	\$860,147		\$1,704,000	\$6,000	-\$843,853	284	2,521	\$515	\$204	\$3,002,601	\$1,628,388	\$2,460,843
2015	\$861,531		\$474,000	\$6,000	\$387,531	79	2,600	\$519	\$208	\$1,823,898	\$421,589	\$2,882,432
2016	\$861,992		\$132,000	\$6,000	\$729,992	22	2,622	\$523	\$212	\$1,504,228	\$85,974	\$2,968,406
2017	\$861,501		\$60,000	\$6,000	\$801,501	10	2,632	\$528	\$216	\$1,448,629	\$17,577	\$2,985,983
2018	\$860,027		\$60,000	\$6,000	\$800,027	10	2,642	\$532	\$221	\$1,465,339	\$22,163	\$3,008,146
2019	\$862,447		\$60,000	\$6,000	\$802,447	10	2,652	\$536	\$225	\$1,482,365	\$22,855	\$3,031,001
2020	\$863,506		\$60,000	\$6,000	\$803,506	10	2,662	\$541	\$230	\$1,499,715	\$24,908	\$3,055,909
2021	\$863,158		\$60,000	\$6,000	\$803,158	10	2,672	\$545	\$234	\$1,517,395	\$28,368	\$3,084,277
2022	\$861,758		\$60,000	\$6,000	\$801,758	10	2,682	\$550	\$239	\$1,535,414	\$32,880	\$3,117,157
2023	\$864,173		\$60,000	\$6,000	\$804,173	10	2,692	\$555	\$244	\$1,553,778	\$33,577	\$3,150,734
Totals	\$15,180,168	\$282,489	\$8,038,000								\$6,750,734	

Notes: (1) Capital Expenditures to be drawn from this Generated Cash Balance & Assumes starting balance of \$650,000. The Authority has chosen to reduce the capital necessary for future projects by contributing \$1,000,000 in 2007, \$1,000,000 in 2009, & \$2,250,000 in 2013, towards the proposed projects debt

(2) Proposed increase in Rates associated with anticipated increase in operation and maintenance costs. All proposed rate increases would need to be approved by Penn Township and the Northwestern Lancaster County Authority.

(3) For clarity, the proposed debt service for each capital improvement project assumes that the entire project cost will be financed. In reality, the Township/Authority will utilize existing cash to offset the amount to be financed for each project, or consolidate debt. Additionally, the Lexington Area will be served with public sanitary sewer service in 2013 only if developers contribute significantly financially toward the required infrastructure, and a yearly positive excess cash is generated by imposition of tapping fees and user fees.

For the purposes of this analysis, it was assumed that the wastewater treatment facility upgrade, the relocation and upgrade of pumping station No. 3, the South Penryn Road Sewer Planning District sewer extensions and the Penryn Phase 1 (Alternative 3A) Sewer Planning District sewer extensions would be constructed in the year 2004/2005. Assuming no increase in the ENR index from current levels, the proposed tapping fee for the first phase of this plan is estimated at \$4,000. Approximately 175 existing EDUs would be immediately served by this WWTF upgrade, sewer extension, and the addition of several other small proposed connections.

In the following three years it is estimated that an additional 418 EDUs will be added to the system through development. These additional EDUs are anticipated to be gained from existing and proposed developments that have already approached either the Township or the Authority with proposed development projects.

The second proposed sewer expansion is anticipated to occur in 2007. At that time the Penryn Phase 2 (Alternative 3B) Sewer Planning District sewer extensions will be added to the public sewer system. The tapping fees for this portion of the plan are estimated to remain at \$4,000. With the addition of the Penryn Sewer Planning District Phase 2 area and the anticipated yearly connections from existing developments the connections to the system should increase from 1,462 EDUs in the year 2007 to 1,696 EDUs in the year 2008. Assuming \$1,000,000 of Authority contribution towards the proposed project cost and additional funding the debt service will increase by approximately \$68,842 per year.

In 2009 the third proposed sewer expansion is anticipated to occur. At that time the Hi View Sewer Planning District will be added to the public sewer system. The tapping fees for this portion of the plan are anticipated to increase by an additional \$1,000 from \$4,000 to \$5,000. With the addition of the Hi View Planning District and the anticipated yearly connections from existing developments the connections to the

system should increase from 1,765 EDUs in the year 2009 to 2,030 EDUs in the year 2010. With an Authority contribution of \$1,000,000 toward the project the debt service will increase by approximately \$93,294 per year from the addition of the Hi View Sewer Planning District.

The final major sewer expansion is proposed for the Lexington Sewer Planning District. The tapping fees for the addition of the Lexington area are anticipated to increase by an additional \$1,000 from \$5,000 to \$6,000. The connection of the Lexington Road area to the public sewer system will add an additional 215 existing EDUs. The annual debt service for the construction of the Lexington minus a \$2,250,000 contribution towards the project from the Authority is anticipated to be approximately \$120,353.

It should be noted that the financial responsibility to the Township and the Authority will vary depending upon the actual contributions made by developers. This plan projects a conservative scenario whereby the Township and the Authority will be responsible for constructing all of the aforementioned selected structural alternatives.



# CHAPTER 7:

## SELECTED ALTERNATIVES

### 7.1 Selected Structural Alternatives

After careful consideration of the findings of the background studies, which address existing sewage needs and the condition of the groundwater, as well as the cost analysis of the structural alternatives, Penn Township and the Northwestern Lancaster County Authority have elected to extend public sewer service into the study area. However, the ability to secure funding for the proposed projects may impact this proposed schedule. Additionally, infusion of capital from developers may impact the schedule and the required amount of capital that will need to be secured for the proposed projects.

The first proposed construction project will be to upgrade the existing wastewater treatment facility and pumping station No. 3, and extend public sewer service to the South Penryn Road Sewer Planning District (South Penryn Road Alternative 1A). In 2005 the Township and the Authority intend to extend public sewer service to the Penryn Sewer Planning District (Penryn Alternative 3 Phase 1). Then in 2007 the Township and the Authority will complete the public sewer service to the Penryn Sewer Planning District (Penryn Alternative 3 Phase 2). In approximately 2009 the Township and the Authority intend to extend sewers into the Hi View Sewer Planning District (Hi View Alternative 3A). Finally, in 2013, public sewers are anticipated to be extended to the Lexington Sewer Planning District (Lexington Alternative 2).

### 7.2 Selected Nonstructural Alternatives

The Township will continue to promote proper wastewater disposal through maintaining their existing on-lot sewage disposal ordinance and frequently educating the citizenry on the merits of proper on-lot sewage disposal maintenance.

### **7.3 Coordination of Future Facilities and Growth Areas**

As discussed in Section 5.4.5 of this Plan, the design capacity of the Authority's existing WWTF is anticipated to be expanded to accommodate the existing and proposed EDUs within the planning area. When the proposed phases of construction and the proposed residential developments are completed, the 650,000-gpd WWTF will have reserve capacity of 110,750 gpd. This reserve capacity was calculated using a conservative sewage generation rate of 250 gpd per EDU for all proposed connections. If the proposed connections demonstrate the current calculated sewage generation rate of 157 gpd per EDU for the Authority's existing customers, the future reserve capacity would increase. As mentioned previously in the Plan, all alternatives lie within either the UGB or VGB or a residentially zoned district within the Township and careful consideration was made to ensure unwanted growth would not occur based on the proposed extension of public sewer.

### **7.4 Financing Plan**

The evaluation of the various forms of project financing and user fees requires careful consideration of several important factors. The ability of the users to pay for sewer service will have an impact on the scale of the project and the amount of financial assistance in the form of State or Federal low interest loans or capital contributions, which may include grants or other forms of assistance.

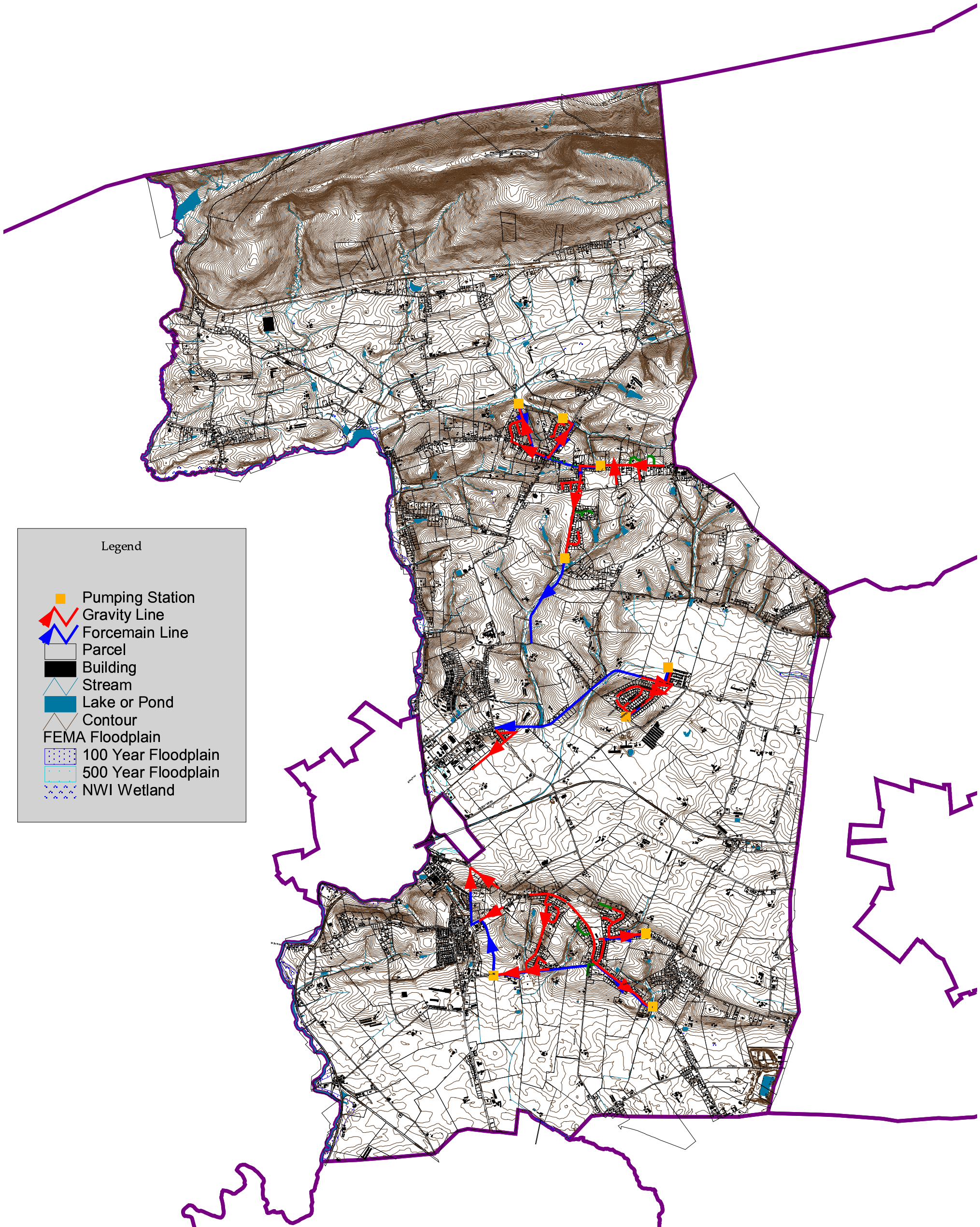
The tapping fee does not include the cost of the customer facilities, which connect each structure to the collector sewers. The construction of the customer facilities will typically be contracted by each property owner and the cost will vary based on the distance from the structure to the sewer.

The Township / Authority has closed on a bond issue which retires the previously existing outstanding debt and also includes the necessary funding for the wastewater treatment facility expansion, relocation of

pumping station no. 3, the South Penryn Road Sewer Planning District, and the Penryn Phase 1 Sewer Planning District (Alternative 3A). Upon completion of these construction projects the Township / Authority will reevaluate its financial standing prior to proceeding with additional construction projects.

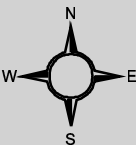
The financing plan for the selected structural alternatives not covered under the bond issue will be to apply for PENNVEST loans, obtain conventional bank loans, or through a bond issue for each proposed phase of construction.





Legend

- Pumping Station
- Gravity Line
- Forcemain Line
- Parcel
- Building
- Stream
- Lake or Pond
- Contour
- FEMA Floodplain
- 100 Year Floodplain
- 500 Year Floodplain
- NWI Wetland



3000 0 3000 6000 Feet

Map 30  
Selected Alternatives  
Penn Township,  
Lancaster County

Base Map Source: Lancaster County GIS Landbase  
Projection: Pennsylvania State South, NAD 83, U.S. FEET  
Draft Date: March 13, 2012  
Adoption Date: October 27, 2013



H:\01\0115801\GIS\_Data\Penn\_Township\sewer\_alternative\_new.apr.11:Selected Alternatives



# CHAPTER 8

## PLAN IMPLEMENTATION

### 8.1 Implementation Schedule

The Township intends to implement the selected Alternatives in accordance with the following schedule.

Wastewater Treatment  
Facility and Pumping Station No. 3 Upgrade  
2004

South Penryn Road Sewer Planning  
District (South Penryn Road Alternative 1A)  
2004

Penryn Sewer Planning  
District (Penryn Alternative 3 Phase 1)  
2005

Penryn Sewer Planning  
District (Penryn Alternative 3 Phase 2)  
2007

Hi View Sewer Planning  
District (Hi View Alternative 3A)  
2009

Lexington Sewer Planning  
District (Lexington Alternative 2)  
2013

It is possible that the aforementioned implementation schedule will need to be modified or postponed, depending upon the status of proposed developments, the infusion of developer capital, future grant programs and the Authority's ability to secure funding.

# APPENDIX A:

## CORRESPONDENCE

### Contents

1. February 21, 2002 letter from DEP approving scope of work
2. September 25, 2002 letter from DEP discussing preliminary effluent limitations for stream discharge
3. October 11, 2002 letter in response to the September 25, 2002 letter from DEP in regards to preliminary effluent limits
4. February 3, 2003 letter from DCNR discussing impacts of endangered, threatened, or rare species at the proposed project locations
5. ARCH web site and Pennsylvania Historical & Museum Commission Bureau of Historic Preservation listings of impacts of listed historic or archaeological properties in the proposed project locations





Pennsylvania Department of Environmental Protection

909 Elmerton Avenue  
Harrisburg, PA 17110-8200  
February 21, 2002

RECEIVED

FEB 22 2002

Southcentral Regional Office

(717) 705-4707  
RETTEW ASSOC. INC.  
FAX (717) 705-4760

Penn Township Supervisors  
c/o Tom Ernharth, Secretary  
97 North Penryn Road  
Manheim, PA 17545

Re: Act 537 Planning (36944)  
Plan of Study and Task/Activity Report  
Penn Township, Lancaster County

Ladies and Gentlemen:

We received a Task/Activity Report (TAR) submitted by Rettew Associates, Inc., under a cover letter dated January 29, 2002 for preparation of an Act 537 Official Plan Update Revision.

We have approved your TAR for an estimated total cost of \$66,200. The resulting Act 537 Update Revision must be consistent with Act 537, Chapter 71, Sections 71.21 and 71.31 of DEP regulations, and with information contained in both A Guide for Preparing Act 537 Update Revisions (February 1998), and Sewage Disposal Needs Identification Guidance (March 1996). In accordance with the TAR, the Update Revision will be submitted in October 2002.

Following Departmental approval of your completed Act 537 Plan, you may apply for the reimbursement grant. At that time, as part of your reimbursement application, you will find that you must submit cost invoices clearly identifying the task in the approved Task/Activity Report to which they apply.

If you have any questions, please call me at 717-705-4766.

Sincerely,

*Paul Curry*

Paul Curry  
Sewage Planning Specialist  
Water Management Program

cc: Rettew Associates, Inc.

- ENGINEERS
- PLANNERS
- SURVEYORS
- LANDSCAPE ARCHITECTS
- ENVIRONMENTAL CONSULTANTS

September 25, 2002

Mr. Jim Miller  
Pennsylvania Department of Environmental Protection  
Southcentral Regional Office  
909 Elmerton Avenue  
Harrisburg, PA 17110-8200

RE: Northwestern Lancaster County Authority  
Preliminary Effluent Limitations for Stream Discharge  
RETTEW Project No. 011581-01

Dear Mr. Miller:

Penn Township, Lancaster County is currently in the preliminary stages of completing the Township's ACT 537 Plan. Initial information indicates that the Township's existing sequencing batch reactor (SBR) wastewater treatment facility, permitted under NPDES Permit No. 0084026, may require expansion from its current discharge flow limit of 250,000 gallons per day (gpd) to approximately 650,000 gpd.

The current decant rate for the facility is approximately 277 gallons per minute (gpm) average daily flow (ADF) and 694 gpm peak daily flow (PDF). At this time, there are two optional configurations for the proposed WWTF upgrade. The first option is a two basin configuration which would decant for approximately 9 hours a day. The decant rate for this configuration is preliminarily calculated between 1,200 gpm ADF and 3,010 gpm PDF. The second option is a four basin configuration which would decant for approximately 18 hours a day. The decant rate for this four basin configuration is preliminarily calculated between 600 gpm ADF and 1,510 gpm PDF.

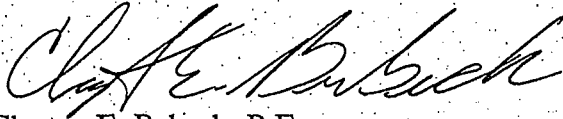
On behalf of the Township, RETTEW Associates, Inc. requests that the Department supply preliminary effluent discharge limits for the proposed wastewater treatment facility expansion.

A USGS Topographic map of the existing facility has been provided for your use.

Page 2 of 2  
Department of Environmental Protection  
September 25, 2002  
RETTEW Project No. 011581-01

Please do not hesitate to contact me if you have any questions or comments regarding this request.

Sincerely,

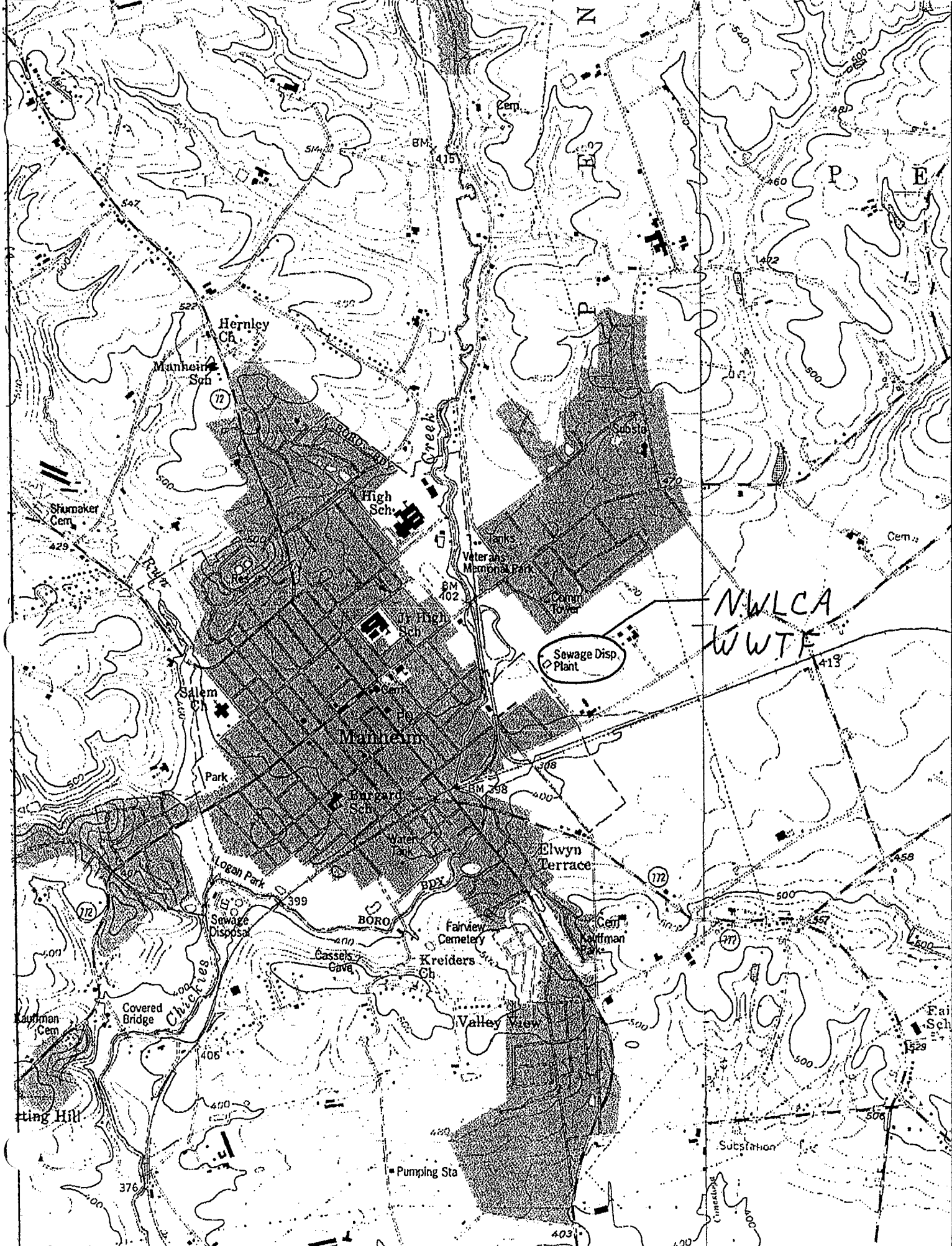


Clayton E. Bubeck, P.E.  
Project Engineer

Enclosures

copy: Scott Shank, Penn Township  
Tom Ernharth, Penn Township  
Dan Becker, RETTEW

C:\RETTEW\01\011581-01 ph 504 Penn Twp ACT 537\ltr-M Lutzenberger-DEP-prelim eff limit-9-25-02.doc





Pennsylvania Department of Environmental Protection

909 Elmerton Avenue  
Harrisburg, PA 17110-8200  
October 11, 2002

Southcentral Regional Office

717-705-4707  
FAX - 717-705-4760

Mr. Clayton Bubeck  
Rettew Associates, Inc.  
3020 Columbia Avenue  
Lancaster, PA 17603

Re: Sewage  
Preliminary Effluent Limits  
Northwestern Lancaster County Authority  
Penn Township, Lancaster County

Dear Mr. Bubeck:

In response to your September 25, 2002 request, we have developed preliminary effluent limits for a discharge of 0.65 MGD with a four-basin decant configuration of treated wastewater to Chickies Creek. Any changes in the size or location of the discharge will require a reevaluation. The preliminary effluent limits are:

Parameter	Concentration (mg/l)		
	Monthly Average	Weekly Average	Instantaneous Maximum
CBOD <sub>5</sub>	25	40	50
Suspended Solids	30	45	60
Ammonia Nitrogen (as N) (5-1 to 10-31)	5	-	10
(11-1 to 4-30)	15	-	30
Total Phosphorus	2	-	4
Total Residual Chlorine	0.5	-	1.6
Dissolved Oxygen	Minimum of 5.0 at all times		
pH	Within the range of 6 to 9 standard units at all times		
Fecal Coliform	Not greater than 200/100 ml as a geometric average value, not greater than 1,000/100 ml in more than 10% of the samples tested from May 1 to September 30; not greater than 3,200/100 ml as a geometric average value during the remainder of the year.		



For a discharge of 0.65 MGD with a two-basin decant configuration:

Parameter	Concentration (mg/l)		
	Monthly Average	Weekly Average	Instantaneous Maximum
CBOD <sub>5</sub> (5-1 to 10-31)	15	25	30
(11-1 to 4-30)	25	40	50
Suspended Solids	30	45	60
Ammonia Nitrogen (as N) (5-1 to 10-31)	2	-	4
(11-1 to 4-30)	6	-	12
Total Phosphorus	2	-	4
Total Residual Chlorine	0.2	-	0.6
Dissolved Oxygen	Minimum of 5.0 at all times		
pH	Within the range of 6 to 9 standard units at all times		
Fecal Coliform	Not greater than 200/100 ml as a geometric average value, not greater than 1,000/100 ml in more than 10% of the samples tested from May 1 to September 30; not greater than 2,100/100 ml as a geometric average value during the remainder of the year.		

Issuance of these limits does not represent approval for a discharge to the waters of the Commonwealth. This information is provided as an aid in evaluating alternative wastewater disposal methods.

To meet the requirements of the Sewage Facilities Act, the proposed facility must be included in the municipality's Official Plan for Wastewater Management approved by the Department. If you have not already done so, please initiate the planning process by calling Ms. Dee Lehman at 717-299-7601.

When the municipality has a Department-approved Official Plan that addresses this project, permit applications may be submitted. Please remember that an NPDES permit application must be filed with the Department at least 180 days before you propose to commence discharge of treated wastewater. A Water Management Part II permit must be obtained from the Department prior to starting construction of Treatment Facility. Permit applications can be obtained by contacting this office.

After the Department grants planning approval, permit applications may be submitted. Please remember that an NPDES permit application must be filed with the Department at least 180 days before you propose to commence discharge of treated wastewater. A Water Management Part II permit must be



Mr. Clayton Bubeck

- 3 -

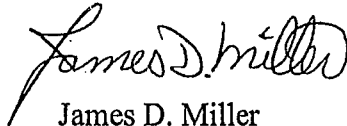
October 11, 2002

obtained from the Department prior to starting construction of the collection system or treatment facility. Permit applications can be obtained by contacting this office.

A condition for issuance of permits for a nonmunicipal plant is that the facility must be abandoned upon notification from the Department or municipality after connection to a municipal system becomes feasible.

If you have any questions, please call me at 717-705-4825.

Sincerely,

A handwritten signature in cursive script that reads "James D. Miller". The signature is written in dark ink and is positioned above the printed name.

James D. Miller  
Permits Section  
Water Management Program



# Pennsylvania Natural Diversity Inventory

Scientific information and expertise for the conservation of Pennsylvania's native biological diversity

February 3, 2003

Fax 717-772-0271  
717-772-0258

## Bureau of Forestry

Thomas Glisson  
RETTEW Associates, Inc.  
3020 Columbia Ave.  
Lancaster, PA 17603

Re: Pennsylvania Natural Diversity Inventory Review of the Proposed Sewer Installation  
Project, Act 537, Penn Township **PER NO: 14046, 14047, 14048**

Dear Mr. Glisson

In response to your request on January 30, 2003 the Pennsylvania Natural Diversity Inventory (PNDI) information system was used to gather information regarding the presence of resources of special concern within the referenced site. PNDI records indicate potential impact to species of special concern in the project vicinity.

Because of the close proximity of the project to species of special concern, our office recommends that you contact **Bonnie Dershem** of the US Fish & Wildlife Service at **(814) 234-4090** and contact the Pennsylvania Fish & Boat Commission **(814) 359-5113** for recommendations on potential impact on endangered animals in the area.

US Fish and Wildlife Service  
315 South Allen St., Suite 322  
State College, PA 16801

Pennsylvania Fish and Boat Commission  
Bureau of Fisheries and Engineering  
450 Robinson Lane  
Belleville, PA 16823

This response represents the most up-to-date summary of the PNDI data files and is applicable for one year. However, an absence of recorded information does not necessarily imply actual conditions on site. A field survey of any site may reveal previously unreported populations. Should project plans change or additional information on listed or proposed species become available this determination may be reconsidered.

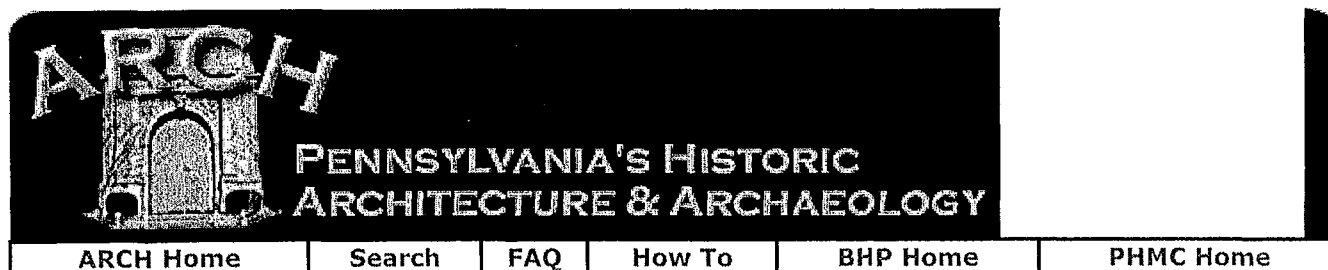
PNDI is a site specific information system that describes significant natural resources of Pennsylvania. This system includes data descriptive of plant and animal species of special concern, exemplary natural communities and unique geological features. PNDI is a cooperative project of the Department of Conservation and Natural Resources, The Nature Conservancy, and the Western Pennsylvania Conservancy.

Please phone this office if you have questions concerning this response or the PNDI system.

Sincerely,

A handwritten signature in black ink, appearing to read "Justin P. Newell", with a long horizontal flourish extending to the right.

Justin P. Newell  
Environmental Review Specialist



Search information and Status:

Your search has returned **6** record(s). You are viewing page **1** of **1**. [Printer Friendly Version](#)

<b>COUNTY:</b>	Lancaster
<b>MUNICIPALITY:</b>	Penn Township

Historic Name	Partial Address	County	Municipality
Kaufman's Distillery Covered Bridge	T-889, Northeast of Sporting Hill	Lancaster	Penn Township <a href="#">View Details</a>
Mt. Hope Estate (Boundary Increase)	Rte. 72, South of Exit 20 Pa Turnpike	Lancaster	Penn Township <a href="#">View Details</a>
Shearer's Covered Bridge	High School Memorial Park	Lancaster	Penn Township <a href="#">View Details</a>
Kaufman's Distillery Covered Bridge	T-889, Northeast of Sporting Hill	Lancaster	Rapho Township <a href="#">View Details</a>
Mt. Hope Estate (Boundary Increase)	Rte. 72, South of Exit 20 Pa Turnpike	Lancaster	Rapho Township <a href="#">View Details</a>
Shearer's Covered Bridge	High School Memorial Park	Lancaster	Rapho Township <a href="#">View Details</a>

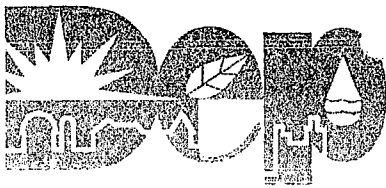
*None of these are located w/in the highlighted areas.*

PENNSYLVANIA HISTORICAL & MUSEUM COMMISSION  
BUREAU OF HISTORIC PRESERVATION  
NATIONAL REGISTER/LISTED AND ELIGIBLE PROPERTIES IN PA  
COUNTY: 071 LANCASTER

NRF019E

MUNICIPALITY	HISTORIC NAME	ADDRESS	LISTED	ELIGIB	KEY	NUM
PARADISE TWP	KREIDER, E. PROPERTY	3233 LINCOLN HWY EAST	00/00/0000	06/20/1993	101674	1
PARADISE TWP	LEAMAN PLACE BRIDGE	U.S. 30	00/00/0000	04/27/1994	102236	1
PARADISE TWP	MCILVAINE RD, E SIDE, S OF ROUTE 30	MCILVAINE RD, E SIDE, S OF ROUTE	00/00/0000	11/21/1990	070783	1
PARADISE TWP	MCILVAINE ROAD BRIDGE	T-790 OVER AMTRACK	00/00/0000	09/15/1992	099188	1
PARADISE TWP	PARK, GEORGE W, HOUSE	LEACOCK ROAD, E SIDE, N OF ROUTE	00/00/0000	03/20/1990	070776	1
PARADISE TWP	PENNSYLVANIA RAILROAD FREIGHT HOUSE	S. SIDE OF RT. 30	00/00/0000	06/20/1993	101676	1
PARADISE TWP	REYNOLDS TAVERN	S. SIDE OF LONDON VALE RD	00/00/0000	06/20/1993	101672	1
PARADISE TWP	ROHRER, CHRISTIAN, MILL AND FARM	ROHRER MILL RD, E SIDE, N OF ROU	00/00/0000	07/01/1993	070793	1
PARADISE TWP	TOLL HOUSE	N. SIDE OF RT. 30	00/00/0000	06/20/1993	101675	1
PARADISE TWP	WITMER, DAVID, SR	LEACOCK RD, W SIDE, N OF SINGER	00/00/0000	03/20/1990	070778	1
PARADISE/LEACOCK TWP	HERR'S MILL COVERED BRIDGE	T696, SW OF SOUDERSBURG	12/10/1980	00/00/0000	050816	1
PARADISE/LEACOCK TWP	LEAMAN PLACE COVERED BRIDGE	T684 OVER PEQUEA CREEK	12/10/1980	00/00/0000	050798	1
PENN//RAPHO TWPS	SHEARER'S COVERED BRIDGE	HIGH SCHOOL MEMORIAL PARK	12/10/1980	00/00/0000	050804	1
PEQUEA TWP	BURKHOLDER-RUSH HOUSE	MARTICVILLE RD.	00/00/0000	04/28/1993	100103	1
PEQUEA TWP	SILVER MINE FARM	SILVER MINE RD.	00/00/0000	03/27/1995	103296	1
PEQUEA/MARTIC TWPS	BAUMGARDNER'S MILL COVERED BRIDGE	TH27, E OF MARTICVILLE	12/10/1980	00/00/0000	050801	1
RAPHO TWP	HOSSLER SCHOOL HOUSE	HOSSLER RD.	00/00/0000	10/29/1991	001526	1
RAPHO TWP	JACOB LINDEMUTH PROPERTY	EAST SIDE SR 4003	00/00/0000	02/01/1996	104653	1
RAPHO TWP	MOUNT HOPE ESTATE	RT. 72, 1/2 MILE SOUTH OF EXIT 2	12/01/1980	00/00/0000	001078	1
RAPHO TWP	MT. HOPE ESTATE (BOUNDARY INCREASE)	RT. 72, S. OF EXIT 20 PA TURNPIKE	09/06/1991	06/25/1990	096846	1
RAPHO TWP	OLD HARRISBURG PIKE, E OF NEWCOMER RD	OLD HARRISBURG PIKE, E OF NEWCOM	00/00/0000	06/29/1991	082054	1
RAPHO TWP	PETER LINDEMUTH PROPERTY	EAST SIDE SR 4003	00/00/0000	02/01/1996	104652	1
RAPHO TWP	ZUG, SAMUEL, FARM	COLEBROOK RD, N SIDE, W OF CHICU	00/00/0000	07/01/1993	082035	1
RAPHO//E HEMPFIELD T	SHENK'S MILL COVERED BRIDGE	T372, NW OF LANDISVILLE	12/10/1980	00/00/0000	050812	1
RAPHO//PENN TWPS	KAUFMAN'S DISTILLERY COVERED BRIDGE	T889, NE OF SPORTING HILL	12/10/1980	00/00/0000	050805	1
RAPHO//W HEMPFIELD T	FORRY'S MILL COVERED BRIDGE	T362, NW OF IRONVILLE	12/10/1980	00/00/0000	050814	1
RAPHO//W HEMPFIELD T	SEIGRIST'S MILL COVERED BRIDGE	T360, N OF IRONVILLE	12/10/1980	00/00/0000	050811	1
REAMSTOWN	REAMSTOWN HISTORIC DISTRICT	MAIN & CHURCH STS.	00/00/0000	04/28/1992	097851	1
SADSBURY TWP	RED LION HOTEL	VALLEY ROAD	00/00/0000	09/26/1991	097477	1
SADSBURY TWP	STERRETT HOUSES	CREEK RD, S. OF MERCER'S FORD, @	00/00/0000	11/19/1985	086457	1
SALISBURY TWP	ELLMAKER, NATHANIEL HOUSE	S SIDE OF RT 30 & E OF RT 41	00/00/0000	05/02/1995	104959	1
SALISBURY TWP	HOOVER ROAD BRIDGE	HOOVER RD (T610) OVER AMTRAK R.R.	00/00/0000	05/09/1984	083687	1
SALISBURY TWP	ROUTE 30, SE CRNR AT NEWPORT RD	ROUTE 30, SE CRNR AT NEWPORT RD	00/00/0000	03/01/1994	071029	1
SALISBURY TWP	WHITE CHIMNEYS	RT. 30 1/4 MI E OF LANCASTER, 1/4 MI	04/01/1975	00/00/0000	001060	1
STRASBURG	STRASBURG HISTORIC DISTRICT	E & W MAIN ST, S DECATUR ST, W MI	03/03/1983	00/00/0000	000795	1
STRASBURG TWP		BEAVER VALLEY PIKE, KRANTZ MILL	00/00/0000	11/01/1994	102746	1
STRASBURG TWP	COMBINATION BAGGAGE AND MAIL CAR NO. 540	PA RAILROAD MUSEUM	12/17/1979	00/00/0000	086559	1
STRASBURG TWP	CONSOLIDATION FREIGHT LOCOMOTIVE NO. 118	PA RAILROAD MUSEUM	12/17/1979	00/00/0000	086560	1
STRASBURG TWP	CONSOLIDATION FREIGHT LOCOMOTIVE NO. 284	PA RAILROAD MUSEUM	12/17/1979	00/00/0000	086561	1
STRASBURG TWP	CONSOLIDATION FREIGHT LOCOMOTIVE NO. 768	PA RAILROAD MUSEUM	12/17/1979	00/00/0000	086562	1
STRASBURG TWP	CUMBERLAND VALLEY CAR	PA RAILROAD MUSEUM	12/17/1979	00/00/0000	086563	1
STRASBURG TWP	DD1 ELECTRIC LOCOMOTIVE NO. 36	PA RAILROAD MUSEUM	12/17/1979	00/00/0000	086564	1
STRASBURG TWP	ELECTRIC LOCOMOTIVE #4859	RT. 741 @ PA RAILROAD MUSEUM NOW	08/19/1982	00/00/0000	086565	1
STRASBURG TWP	FLAT CAR NO. 473567	PA RAILROAD MUSEUM	12/17/1979	00/00/0000	086566	1
STRASBURG TWP	FREIGHT LOCOMOTIVE NO. 5741	PA RAILROAD MUSEUM	12/17/1979	00/00/0000	086567	1
STRASBURG TWP	MIKADO FREIGHT LOCOMOTIVE NO. 520	PA RAILROAD MUSEUM	12/17/1979	00/00/0000	086568	1
STRASBURG TWP	PASSENGER AND BAGGAGE CAR NO. 4639	PA RAILROAD MUSEUM	12/17/1979	00/00/0000	086568	1
STRASBURG TWP	PASSENGER COACH NO. 3556	PA RAILROAD MUSEUM	12/17/1979	00/00/0000	086575	1
STRASBURG TWP	PASSENGER DAY COACH NO. 8177	PA RAILROAD MUSEUM	12/17/1979	00/00/0000	086569	1
STRASBURG TWP	PASSENGER LOCOMOTIVE NO. 1223	PA RAILROAD MUSEUM	12/17/1979	00/00/0000	086570	1
STRASBURG TWP	PASSENGER LOCOMOTIVE NO. 1737	PA RAILROAD MUSEUM	12/17/1979	00/00/0000	086571	1
STRASBURG TWP	PASSENGER LOCOMOTIVE NO. 460	PA RAILROAD MUSEUM	12/17/1979	00/00/0000	086572	1
STRASBURG TWP	PASSENGER LOCOMOTIVE NO. 7002	PA RAILROAD MUSEUM	12/17/1979	00/00/0000	086573	1
STRASBURG TWP	STEEL HOPPER CAR NO. 33164	PA RAILROAD MUSEUM	12/17/1979	00/00/0000	086574	1
STRASBURG TWP	STEEL PASSENGER COACH NO. 1650	PA RAILROAD MUSEUM	12/17/1979	00/00/0000	086576	1
		PA RAILROAD MUSEUM	12/17/1979	00/00/0000	086577	1

*outside  
highlighted  
area*



Pennsylvania Department of Environmental Protection

909 Elmerton Avenue  
Harrisburg, PA 17110-8200

March 8, 2004

Southcentral Regional Office

717-705-4707  
FAX - 717-705-4760

RECEIVED

Penn Township Supervisors  
c/o Tom Ernharth, Manager  
97 North Penryn Road  
Manheim, PA 17545

MAR 9 2004

RETTEW ASSO., INC.

Re: Act 537 Planning  
APS ID No. 510522  
DEP Code No. D1-36944-ACT  
Penn Township, Lancaster County

Ladies and Gentlemen:

The Department of Environmental Protection (Department) reviewed your Act 537 Official Plan (Plan), adopted October 27, 2003 and determined that it is incomplete for the following reasons:

1. The Plan fails to provide municipal assurance that onlot sewage disposal systems are being properly maintained. (See 25 Pa. Code, Section 71.71 and 71.73). It is established that onlot sewage disposal systems require periodic maintenance in order to function properly. The Plan documents (page 3-8) that 70% of the property owners surveyed indicated they had their (onlot) systems pumped less frequently than once every five years or could not recall the last time the system was pumped. This appears to indicate that the municipality's current onlot sewage disposal management ordinance is ineffective. The current ordinance does not require submission of receipts to the municipality. It appears the municipality cannot provide assurance that systems are being maintained because no proof of such is required to be submitted to the municipality. (General Plan Content Checklist - V.F.)
2. The Plan fails to provide a copy of the Cultural Resource Notice that was sent to the Pennsylvania Historical and Museum Commission (Bureau of Historic Preservation) and also fails to provide a copy of the response letter from that agency. (GPCC - VI.A.11)
3. The Plan fails to provide documentation of the recommendations made by the US Fish & Wildlife Service and the Pennsylvania Fish & Boat Commission required to resolve the question of potential impact identified by the Bureau of Forestry (PNDI). (GPCC - VI.A.10)

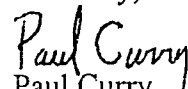


4. Table 3-1 in the Plan tabulates repair permits that have been issued by the Sewage Enforcement Officer. If possible, these permits should be classified as to whether or not they were "Best Technical Guidance"(BTG) repairs. Usually, the permit will indicate if it was issued as a BTG repair; however, this may not have been standard practice in all cases. If the BTG permits can be identified, those properties should be counted as confirmed malfunctions.
5. The Plan fails to provide sufficient detail regarding the types on sewage disposal systems in use in the township. Are there any sewage disposal systems that were permitted as "alternate" or "experimental" systems that have special maintenance requirements? Denitrification systems, aerobic treatment systems, individual residential spray irrigation systems, and peat based systems are some examples. If there are such systems in the township, the plan must document the existence and location of these and discuss in detail the operation and maintenance requirements of the municipality for these systems. (GPCC - III.A.5 and B)
6. The Plan fails to provide a meaningful discussion of retaining tanks. The term "retaining tanks" collectively refers to both holding tanks and privies. The township has a privy ordinance in place. The Plan should provide definitions to distinguish between privies and holding tanks. The Plan should discuss the regulatory restrictions on the use of holding tanks. The Plan should discuss the limitations imposed by not having an adopted holding tank ordinance in place. (GPCC - V.E.)
7. The sanitary survey information is difficult to understand. The tabulation on page 3-7 does not appear to match the depictions on Map 11. For instance, Table 3-3 states there are 147 confirmed malfunctions. Map 11 does not appear to depict anything close to this number. Also, as referenced in comment #4, clarify what is meant by "Sewage Enforcement Officer Repairs" on Map 11. Do these include all classifications of malfunctions (potential, suspected, confirmed)? (GPCC - III.B.)

The deficiencies identified in this letter must be addressed and a complete package of the requested information submitted to the Department within 90 days of the date of this letter. Do not submit piecemeal information. Failure to respond during this time frame may result in Departmental action resulting in disapproval of your currently incomplete plan submission. The 120-day review period for this Plan will not begin until the Department has received a complete plan submission. Please submit three complete copies of the information package.

If you have any questions concerning this letter, please call me at 717-705-4766.

Sincerely,

  
Paul Curry  
Sewage Planning Specialist  
Water Management Program

cc: Rettew  
Lancaster County Planning Commission



111 Millersville Road • Lancaster, PA 17603  
Phone 717.295.4975 • Fax 717.295.4972  
Email db@beckereng.net

April 15, 2004

Mr. Paul Curry, Sewage Planning Specialist  
Pennsylvania Department of Environmental Protection  
Water Management Program  
909 Elmerton Avenue  
Harrisburg, PA 17110-8200

RE: Penn Township, Lancaster County Act 537 Plan  
Project No. 04-104-01

Dear Paul:

Becker Engineering, LLC (BEL) and Penn Township (Township) have received and reviewed the Pennsylvania Department of Environmental Protection (PADEP) March 8, 2004 Act 537 Sewage Facility Plan (Plan) review letter. On behalf of the Township, BEL offers the following response:

1. The Township Solicitor has drafted a revised On-Lot Disposal System (OLDS) Management Ordinance that will provide assurance that OLDS are being properly maintained. We have included a copy of the Draft Ordinance as part of this response for PADEP's review. If PADEP concurs with the language provided in the Draft OLDS Management Ordinance, the Township will proceed with adoption of the Ordinance.
2. A Cultural Resource Notice was sent to the Pennsylvania Historical and Museum Commission (PHMC) on March 18, 2004. A copy of that notice is included as part of this response. We will forward a copy of the PHMC response as soon as it is received by this office.
3. Copies of the March 18, 2004 correspondence to the US Fish and Wildlife Service (USFWS) and the Pennsylvania Fish and Boat Commission (PFBC) as well as a copy of the April 5, 2004 PFBC response are included as part of this correspondence. We will forward a copy of the USFWS response as soon as it is received by this office.
4. Based upon discussions with the Township Sewage Enforcement Officer (SEO), all OLDS repair permits issued and included as part of the Plan were "Best Technical Guidance" (BTG) repairs and were identified as confirmed malfunctions. The SEO's BTG repairs and/or confirmed malfunctions are displayed in pink and red, respectively, on Map 11: Existing

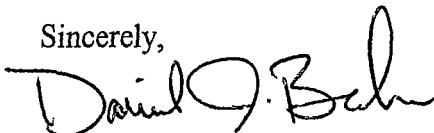
Needs Analysis. The SEO's BTG repairs, combined with the other confirmed system malfunctions have been identified and calculated as part of Table 3-3 through Table 3-6 of the Plan.

5. Based upon our review of Township records, discussions with the Township and SEO, and as a result of our field investigations completed as part of the Plan, there are no existing OLDS that are permitted as "alternate" or "experimental" systems. Additionally, the Township's Draft OLDS Ordinance does include provisions for the Township to ensure that all OLDS are properly maintained.
6. The Township has historically followed the policy of not permitting holding tanks. Consequently, a Township Holding Tank Ordinance was never developed. The Township will review any future requests for installation of holding tanks on an individualized basis, and may only allow the installation of holding tanks in areas that are scheduled to receive public sanitary sewer service within the following few years. The Township also fully understands the potential building limitations by not adopting a Holding Tank Ordinance.
7. As stated in response 4 above, the SEO's BTG repairs and/or confirmed malfunctions are displayed in pink and red, respectively, on Map 11: Existing Needs Analysis. The SEO's BTG repairs, combined with the other confirmed system malfunctions have been identified and calculated as part of Table 3-3 through Table 3-6 of the Plan.

As requested, we are forwarding three complete copies of the information package for your use.

We trust that this response letter adequately addresses the concerns outlined in PADEP's March 8, 2004 comment letter. However, if you have any other questions or require additional information, please do not hesitate to call me.

Sincerely,



Daniel J. Becker, P.E.

Enclosures

Copy: Tom Ernharth, Penn Township  
Josele Cleary, Morgan, Hallgren, Crosswell & Kane, P.C.

TOWNSHIP OF PENN

Lancaster County, Pennsylvania

---

ORDINANCE NO. \_\_\_\_\_

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AN ORDINANCE OF THE TOWNSHIP OF PENN, LANCASTER COUNTY, PENNSYLVANIA, TO REPEAL EXISTING REGULATIONS GOVERNING ON-LOT SEWAGE DISPOSAL SYSTEMS WITHIN THE TOWNSHIP AND TO ENACT NEW REGULATIONS GOVERNING INDIVIDUAL ON-LOT, NON-STANDARD AND COMMUNITY SEWAGE SYSTEMS TO IMPLEMENT THE PROVISIONS OF THE PROPOSED TOWNSHIP OFFICIAL SEWAGE FACILITIES PLAN.

BE AND IT IS HEREBY ORDAINED AND ENACTED by the Board of Supervisors of the Township of Penn, Lancaster County, Pennsylvania, as follows:

Section 1. Title. This Ordinance shall be known and may be cited as the "Penn Township On-Lot and Community Sewage System Ordinance".

Section 2. Legislative Intent. The Board of Supervisors recognizes that individual on-lot sewage disposal systems constitute a valid and approved manner of conserving the quality of the water and other natural resources of the Township through proper treatment of wastes generated by development within the Township. The use of OLDS must be regulated in accordance with the regulations promulgated by the Department of Environmental Protection which pertain to the location and permitted types of OLDS. In addition, the Township has determined that should an OLDS fail, the water quality and other natural resources of the Township may be polluted. It is especially of concern to the Board that such pollution may occur when an OLDS fails and there is no suitable area on the lot for the installation of a replacement system. Therefore, in order to protect the water quality and other natural resources of the Township, thereby protecting the health and welfare of residents and visitors, the Board desires to require that all landowners provide and set aside areas for the installation of replacement OLDS.

It is the further intent of the Board to insure that OLDS are properly maintained. Failure to maintain an OLDS results in malfunctions which in turn results in the pollution of the water quality and other natural resources of the Township. OLDS must be pumped out on a regular basis, and it is the responsibility of all landowners to insure such maintenance is performed.

The Board also desires to provide for the proper maintenance of the community systems

plication for a permit; or who makes an application for a zoning permit under the Township Zoning Ordinance; or who installs, repairs, modifies, or alters an OLDS or community sewage system serving properties within this Township other than a governmental entity.

**INDIVIDUAL ON-LOT SEWAGE DISPOSAL SYSTEM (OLDS)** - Any system of piping, tanks, or other facilities serving on a single lot and collecting and disposing of sewage in whole or in part into the soil and any waters of the Commonwealth of Pennsylvania and which is located upon the lot which it serves. The term also includes an OLDS which meets the definition of a non-standard system.

**LAND DEVELOPMENT** - A land development as defined in the MPC.

**LCPC** - The Lancaster County Planning Commission.

**LCSWMA** - The Lancaster County Solid Waste Management Authority.

**LOT** - A parcel of land used or intended to be used as a building site or a separate parcel to be created as a result of approval of a subdivision or land development application or a condominium unit. The term lot shall include parcels equal to or greater than ten (10) acres in size where the lot may be occupied by one or more persons or families.

**MALFUNCTION** - The condition which occurs when an OLDS or community sewage disposal discharges sewage onto the surface of the ground, into ground waters of the Commonwealth, into surface waters of the Commonwealth, backs up into the building connected to the OLDS or community sewage disposal system or otherwise causes a nuisance hazard to the public health or pollution of ground or surface water or contamination of public or private drinking water wells. An OLDS or community sewage disposal system shall be considered to be malfunctioning if any of the conditions set forth in this paragraph occur for any length of time during any period of the year.

**MANIFEST** - A written report made to the Township by a septage hauler providing service to an OLDS within the Township which at a minimum contains the name and address of the septage hauler, the name of the property owner, the address of the property upon which the OLDS is located, and all other information required in Section 15.B of this Ordinance.

**MPC** - The Pennsylvania Municipalities Planning Code, Act of July 31, 1968, P.L. 805, No. 247, as amended and reenacted, 53 P.S. §10101 et seq.

**NON-STANDARD SYSTEM** - An OLDS which has any equipment which is not commonly found on OLDS within Lancaster County or an OLDS which has been modified to address groundwater contamination or other environmental issues or any OLDS which requires additional approvals from the DEP or a modification or amendment to the Township's Official Plan.

SINGLE AND SEPARATE OWNERSHIP - The ownership of a lot by one or more persons which ownership is separate and distinct from that of any abutting or adjoining lot.

SUBDIVISION - A subdivision as defined by the MPC.

THE CLEAN STREAMS LAW - Act of June 22, 1937, P.L. 1987, No. 394, as amended, 35 P.S. §691.1 et seq.

TOWNSHIP - The Township of Penn, Lancaster County, Pennsylvania.

Section 5. Procedure for Review of Planning Modules for Land Development and Subdivision/Land Development Plans. In order to insure compliance with the Official Plan, all persons who request approval of planning modules for land development or who request the review of subdivision plans, and land development plans providing for sewage disposal proposing sewage disposal by means of OLDS or community sewage systems shall submit the following information to the Township for review in accordance with the following requirements:

A. The developer shall submit the information required by Sections 5 and 6 of this Ordinance to the Township with the planning module for land development or with the preliminary subdivision or land development plan, whichever the developer first submits to the Township.

B. It is the responsibility of the developer to submit the information to all other reviewing agencies, including but not limited to the LCPC, in accordance with DEP regulations. It is the responsibility of the developer to pay for the publication of any legal advertisement which may be required by DEP regulations. Failure of the developer to pay the costs of legal advertisement within fifteen (15) days after receipt of a copy of the newspaper's invoice shall render the submission incomplete.

C. The developer shall submit a written report detailing the planning and decision making steps used in the selection of the method of sewage disposal.

Section 6. Sewage Testing and Hydrogeologic Studies Required for all Proposed Lots.

A. The Township shall grant no requests for approvals of planning modules for land development and no revisions or supplements to the Official Plan unless the applicant presents to the Board evidence that each lot or lot to be created contains a suitable location for the installation of an initial OLDS except when such lots or lots to be created are to be served by a community sewage system. All tests required by the DEP and this Ordinance for the location of an OLDS to confirm the suitability of the location shall be performed as approved by DEP.

B. All planning modules for land development except planning modules for land development which propose sewer service by means of a Public Sewer Service Provider sewer



D. Any revisions to a permit affecting a Replacement Location which previously has been issued pursuant to the provisions of this Ordinance shall be approved by the Board or its authorized representative. Any revisions to a subdivision or land development plan affecting a Replacement Location which has been previously approved pursuant to the provisions of this Ordinance shall be approved by the entity with power to approve subdivision and land development plans in the Township.

Section 9. Construction of Improvements upon Replacement Location Prohibited. No person shall construct or install any permanent or temporary improvements of any character other than the planting of trees, shrubs, or other plant matter upon the Replacement Location unless the person who desires to construct such improvements shall demonstrate to the satisfaction of the SEO that an alternate Replacement Location which complies with all applicable DEP regulations, this Ordinance and all other applicable Township ordinances exists upon the lot. If such an alternate Replacement Location shall be identified, the alternate Replacement Location may be considered to be the Replacement Location required by this Ordinance and shall be designated as the Replacement Location. The newly designated Replacement Location shall thereafter be considered the Replacement Location for the purposes of this Ordinance.

Section 10. Relief from Requirement of Designation of Replacement Location. If any lot held in single and separate ownership on March 1, 1992, shall not contain land suitable for a Replacement Location, the applicant for a permit under the Township Zoning Ordinance or an installation permit for an OLDS may request that the Board of Supervisors grant an exception to the requirement of providing a Replacement Location. Applicants for relief under this Section shall submit a written application setting forth the information required by this Section and shall include the application fee established by resolution or ordinance of the Board of Supervisors. The applicant for such an exception shall present credible evidence to the Board demonstrating (i) that the lot was held in single and separate ownership on March 1, 1992 and continuously thereafter; (ii) the size of the lot; (iii) inability of the applicant to acquire adjacent land or the unsuitability of adjacent land which might be able to be acquired; and (iv) the testing conducted to determine that the lot is not suitable to provide a Replacement Location. At all times the burden to present credible evidence and the burden of persuasion shall be upon the applicant for an exception from the terms of this Ordinance.

Section 11. Installation Permit Required for All Lots. The landowner and any contractor performing work upon an OLDS shall obtain an installation permit from the SEO in accordance with the Act, DEP regulations, and this Ordinance prior to the installation, alteration, modification, repair or replacement of any OLDS. This requirement shall apply to all lots within the Township regardless of the size of the lot and regardless of the familial relationship of the person seeking to install the OLDS to the property owner. The SEO shall not issue an installation permit for an OLDS until a suitable Replacement Location has been established or until the applicant presents the SEO with a written determination by the Board granting relief from the designation of a Replacement Location in accordance with Section 10 of this Ordinance or unless such permit is requested to repair a malfunction of an existing OLDS.

The Township shall not release such financial security until the Township is provided with alternate financial security or until the system is removed and the property is connected to a public sewer system owned and operated by a governmental entity.

C. The applicant shall demonstrate to the Township that the proposed non-standards system meets all applicable DEP regulations and that the applicant has obtained all necessary approvals and permits.

D. The applicant shall provide the Township with a complete set of as-built plans for the non-standard system after its installation.

E. The applicant shall reimburse the Township for all costs incurred in the preparation of the agreement and its recording.

F. The applicant shall pay all costs associated with the yearly inspection of the non-standard system.

Section 14. Installation Permit Requirements for Community Sewage Systems. All landowners, developers and contractors who desire to install a community sewage system shall meet all of the following requirements:

A. The record owner of the lot on which the community sewage system is to be installed and, if different, the applicant, shall enter into an agreement with the Township, in recordable form, providing for the long-term maintenance of the community sewage system which grants the Township the right to enter upon the property; to inspect such community sewage system not less than once each year and, in addition, whenever the Township receives a complaint or otherwise has reason to believe that such community sewage system is not functioning properly; to maintain such community sewage system if the owner fails to do so; and to recover the cost of any maintenance performed plus a penalty from the owner. The agreement shall specifically authorize the Township to file a municipal claim against the property served by the community sewage system to recover costs and fees and shall specifically state that its provisions are binding upon the landowner executing the agreement and upon all successive owners of the property and any lots which are served by the community sewage system until the community sewage system is removed and the property is connected to a Public Sewer Service Provider system or until a Public Sewer Service Provider assumes ownership and maintenance responsibility for the community sewage system.

B. The applicant shall post financial security with the Township to secure the future maintenance of the community sewage system and payment of costs of annual inspection of such system. The amount of the financial security shall be based upon the estimated cost to maintain the particular community sewage system chosen by the applicant. The financial security shall be posted through an irrevocable letter of credit in a form acceptable to the Township Solicitor or in a cash escrow which the Township shall maintain in a non-interest bearing account. The Township shall not release such financial security until the Township

from the effective date of this Ordinance and the date of the removal of the septage shall be considered the date of initial maintenance for the purpose of Section 15.A.1 herein.

3. Any OLDS installed upon a property which is located within Section 2 shall have septage removed from the tank of the OLDS within twenty-four (24) months from the effective date of this Ordinance, \_\_\_\_\_, 2004. Notwithstanding the foregoing, if a property owner can provide proof to the Township that such OLDS has been inspected and has had septage removed from its tank within the twelve (12) month period preceding the effective date of this Ordinance, the OLDS will not have to have septage removed within twenty-four (24) months from the effective date of this Ordinance and the date of the removal of the septage shall be considered the date of initial maintenance for the purpose of Section 15.A.1 herein.

4. Any OLDS installed upon a property which is located within Section 3 shall have septage removed from the tank of the OLDS within thirty-six (36) months from the effective date of this Ordinance, \_\_\_\_\_, 2004.

5. The date upon which any OLDS has been inspected and has had septage removed in accordance with Section 15.A.2 through 15.A.4 herein shall be considered the date of initial maintenance. All OLDS shall be inspected and shall have septage removed in accordance with this Section within three (3) years from the date of initial maintenance. The OLDS shall continue to be inspected and have septage removed from the tank within three (3) years from the date of the last removal of the septage as long as the OLDS continues to be used for sewage disposal.

6. For OLDS installed after the effective date of the Ordinance, the OLDS must be inspected and must have septage removed within three (3) years from the date of final inspection of the OLDS or, in the case of new construction, if the property will not be occupied within one month from the date of final inspection of the OLDS, within three (3) years from the date of the issuance of the certificate of use and occupancy by the Zoning Officer. The OLDS shall continue to be inspected and have septage removed from the tank within three (3) years from the date of the last removal of the septage as long as the OLDS continues to be used for sewage disposal.

B. Inspection of the OLDS each time the OLDS is maintained, each time that a malfunction of the OLDS is reported to the Township, and as may otherwise be necessary to insure proper function on the OLDS. The person performing the inspection shall complete a manifest and shall provide a copy of the manifest to the Township and to the owner of the property on which the OLDS is located. Each inspection manifest shall include all of the following information:

E. Discharging only domestic sanitary sewage into an OLDS. The following types of waste shall not be discharged into an OLDS:

1. Industrial waste.
2. Automobile oil, other non-domestic oil, grease, nonbiodegradable soaps, detergents and/or inert materials such as coffee grounds.
3. Toxic or hazardous substances or chemicals including but not limited to pesticides, disinfectants, acids, paints, paint thinners, herbicides, gasoline and other solvents.
4. Clean surface or ground water, including water from roof or cellar drains, springs, basement sump pumps, and french drains.
5. Vehicle wash water and other potentially contaminated or clean run off or storm water.
6. Disposable products such as diapers, tampons, and similar materials.
7. Beauty shop waste other than a single chair beauty shop in conjunction with a residential use.
8. Abattoir or butcher shop waste.

Section 16. Proper Operation and Maintenance of Community Sewage Systems Required.

All persons who own a lot which is served by a community sewage system shall properly use such community sewage system. The owner of the community sewage system shall properly maintain the community sewage system. Proper maintenance of a community sewage system shall include at a minimum:

A. Inspection of the community sewage system by the SEO or by a DEP-certified sewage enforcement officer on a bi-monthly basis. If the inspection is performed by a sewage enforcement officer other than the SEO, the property owner shall submit the inspection report prepared and signed by the sewage enforcement officer to the Township within one month after the date of inspection of the community sewage system. All laboratory analyses required to be submitted by the DEP or DEP regulations shall also be submitted simultaneously to the Township to be reviewed as appropriate by the SEO or his designee.

B. Removal of septage or sludge in accordance with DEP regulations and manufacturer specifications.

C. Maintenance of surface contouring and other measures consistent with DEP regulations to divert storm water away from the treatment facilities and absorption areas and to

or community sewage system shall report any malfunctioning of such OLDS or community sewage system to the Township. Such report shall be made as soon as possible but in no case later than three (3) days after discovery of the malfunction.

Section 21. Duties of Sewage Enforcement Officer. In addition to all other duties of the SEO set forth in this Ordinance, the SEO shall have the power and duty to enforce the provisions of this Ordinance and to investigate any reports of malfunctioning OLDS and community sewage system or evidence that an OLDS or community sewage system may be malfunctioning which the SEO discovers. In performing these duties the SEO shall have the following powers:

A. To conduct routine inspections of properties upon which OLDS or community sewage systems are installed as part of any administrative program the Township institutes to insure compliance with this Ordinance. Any inspections shall be performed in accordance with all applicable statutes and constitutional provisions and shall be at the cost of the owner of the property on which the OLDS is located or the owner of the community sewage system.

B. To perform an inspection of an OLDS or community sewage system when the owner of the OLDS or community sewage system fails to have such OLDS or community sewage system maintained and/or fails to submit or insure that a septage hauler submits a manifest after such inspection and maintenance.

C. To make reports as requested by the Board regarding maintenance of OLDS and community sewage systems in the Township and to suggest actions which may be taken by the Board to insure proper maintenance.

D. To institute summary criminal proceedings to enforce this Ordinance.

E. To consult with the Township Engineer and the Township Solicitor, as authorized by the Board, to assist in the enforcement of this Ordinance.

Section 22. Fees and Costs.

A. Each owner of a property on which an OLDS is located and each person who owns a community sewage system shall bear all costs associated with the operation, inspection, and maintenance of such OLDS or community sewage system.

B. The owner of each property on which an OLDS is located and the owner of each community sewage system shall reimburse the Township for all costs associated with inspections of such OLDS or community sewage system the Township Sewage Enforcement Officer or any other agent of the Township performs pursuant to this Ordinance.

C. The Board of Supervisors shall adopt fees for the issuance of permits and conduct of inspections under this ordinance by resolution or ordinance.

4. To dispose of materials removed from an OLDS or community sewage system in any manner which violates DEP or LCSWMA regulations or applicable laws.

C. Any person who violates or permits the violation of any provision of this Ordinance; or who shall use, maintain or alter an OLDS or community sewage system in violation of any permit issued by the SEO; or who shall fail to remedy or who shall negligently or improperly remedy any health hazard; or who shall fail to completely implement a plan to remedy a health hazard which has been reviewed and approved by the SEO shall be liable upon summary conviction therefor to fines and penalties of not less than One Hundred Dollars (\$100.00) nor more than One Thousand Dollars (\$1,000.00) plus all costs of prosecution, which fines and penalties may be collected as provided by law. All fines and penalties collected for violation of this Ordinance shall be paid over to the Township Treasurer. Each day that a violation continues and each section of this Ordinance which is violated constitutes a separate violation.

Section 24. Remedies. In case any improvement is constructed or any lot maintained in violation of this Ordinance, or any OLDS or community sewage system is installed, repaired, altered or modified prior to obtaining a permit as required by this Ordinance or in a manner which does not comply with such permit, or any OLDS or community sewage system is not properly maintained or the malfunction of any OLDS or community sewage system is not reported to the Township, in addition to the other remedies provided by law, the Township may commence any appropriate action or proceedings in equity to prevent such unlawful construction of improvements or such unlawful maintenance of such lot or the continued use of such OLDS or community sewage system.

Section 25. Declaration of Nuisance. The following activities are hereby declared to be nuisances:

A. Construction of improvements on the Replacement Location. Such construction renders the Replacement Location useless and therefore jeopardizes the water quality and other natural resources of the Township. This harm to the water quality and other natural resources of the Township is a danger to the health, safety and welfare of the residents of the Township and is hereby declared to be a nuisance and abatable as such in accordance with the provisions of the Second Class Township Code.

B. Installation, alteration or modification of an OLDS or community sewage system without having obtained a permit as required by this Ordinance and the regulations of the Department, or, if a permit was obtained, in a manner which violates the terms of the permit.

C. Failure to maintain an OLDS or community sewage system as required by this Ordinance.

All of these actions result in pollution of the waters of the Commonwealth and other natural



the remainder of the Ordinance shall be and shall remain in full force and effect. (

Section 30. Effective Date. This Ordinance shall take effect and be in force five (5) days after its enactment by the Board of Supervisors of the Township of Penn as provided by law.

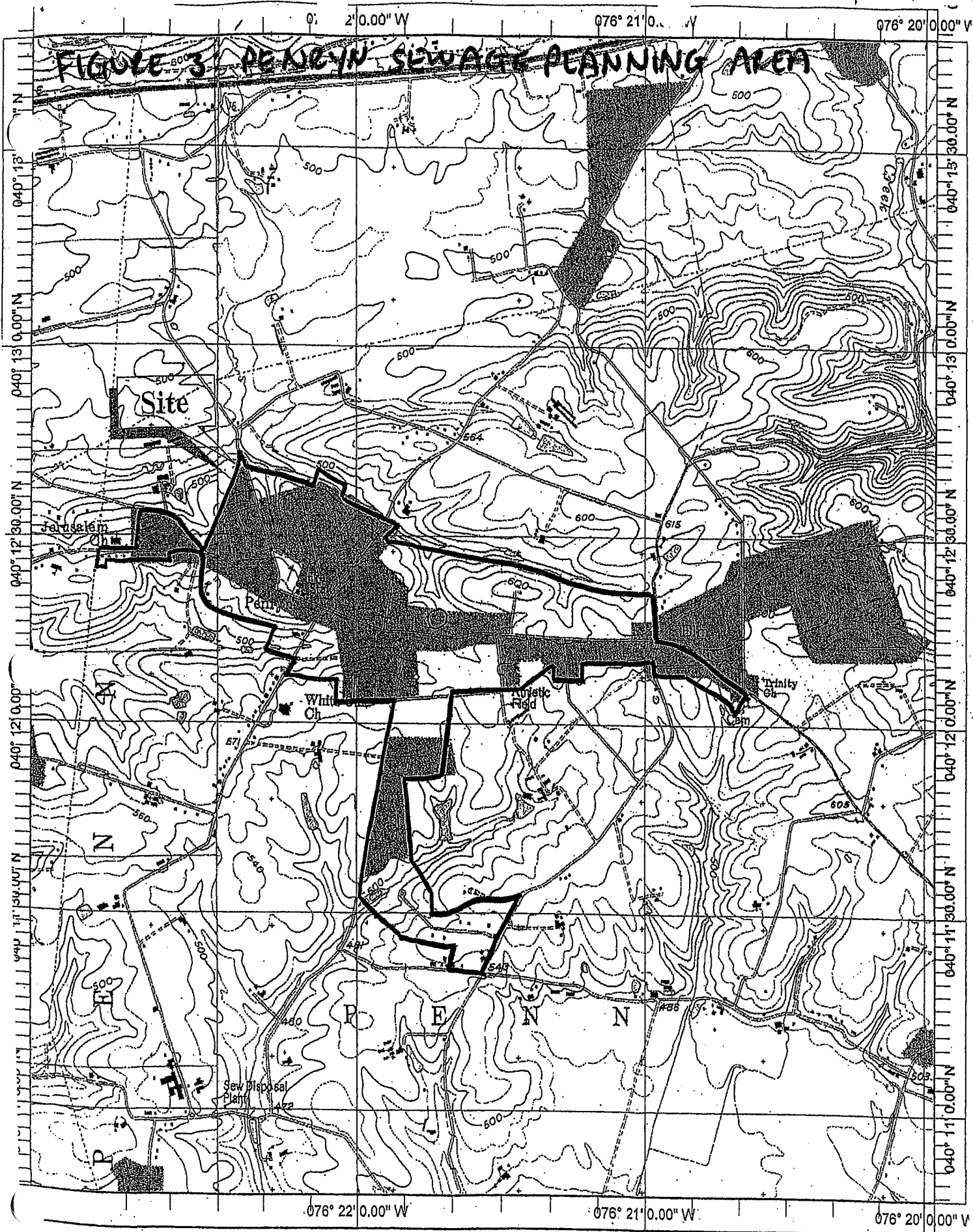
DULY ORDAINED AND ENACTED this \_\_\_\_\_ day of \_\_\_\_\_, 2004, by the Board of Supervisors of the Township of Penn, Lancaster County, Pennsylvania, in lawful session duly assembled.

TOWNSHIP OF PENN  
Lancaster County, Pennsylvania

Attest: \_\_\_\_\_  
(Assistant) Secretary

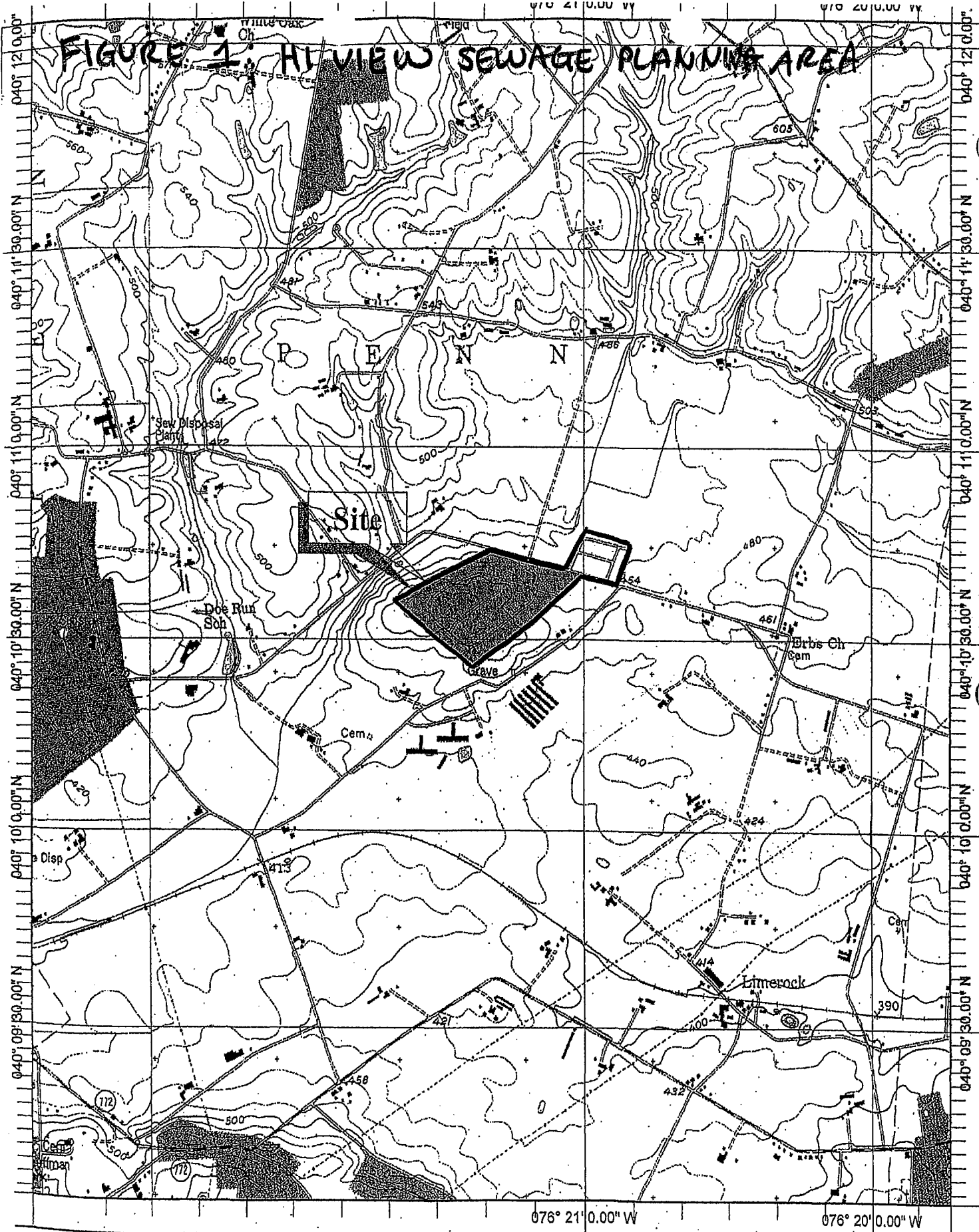
By: \_\_\_\_\_  
(Vice) Chairman  
Board of Supervisors

[TOWNSHIP SEAL]



Name: LITITZ and Manheim, PA quads  
 Date: 1/20/2003  
 Scale: 1 inch equals 2000 feet

Location: 040° 12' 17.2" N 076° 21' 33.7" W



Name: LITITZ, 1A quad.  
 Date: 1/20/2003  
 Scale: 1 inch equals 2000 feet

Location: 040° 10' 34.3" N 076° 21' 19.0" W

**SECTION H. PROJECT BOUNDARIES AND DESCRIPTION****REQUIRED**

Indicate the total acres in the property under review. Of this acreage, indicate the total acres of earth disturbance for the proposed activity

Attach a 7.5' U.S.G.S. Map indicating the defined boundary of the proposed activity.

Attach photographs of any building over 50 years old. Indicate what is to be done to all buildings in the project area.

Attach a narrative description of the proposed activity.

Attach the return receipt of delivery of this notice to the Pennsylvania Historical and Museum Commission.

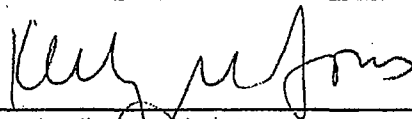
**REQUESTED**

Attach photographs of any building over 40 years old

Attach site map, if available.

**SECTION I. SIGNATURE BLOCK**

3/18/04



Date of Submission of Notice to PHMC

Applicant's Signature

Page 2 of 2  
Mr. Kurt Carr  
March 18, 2004  
RETTEW Project No. 01-01581-001

elected to extend public sewer service into these areas. However, the ability to secure funding for the proposed projects will impact the proposed schedule. As such, the improvements are proposed over a period of the next 10 years.

At this point, detailed designs have not been developed on the individual locations of the proposed sewer lines. This phase of the project involves general planning only. However, as part of the Act 537 process, DEP is requiring that the Township initiate correspondence by submitting the Cultural Resources Notice and providing the initial PHMC response at this time. The Township is aware that the response may provide information regarding potential impacts to cultural resources or just recommendations on identifying or avoiding those resources in better detail for each planning area. RETTEW's initial review of the National Register of Historic Places on the ARCH Internet Database on PHMC's website did not identify any NR-listed resources within the three planning areas. If the PHMC response letter provides any additional information regarding eligible, potentially eligible or surveyed resources within these areas, efforts can then be made in the final design phase to avoid those resources. When final designs are developed for each phase of the project, additional permits and subsequent and more detailed coordination with your office will be conducted.

We have enclosed copies of the USGS quadrangles with the locations of the three sewer planning districts:

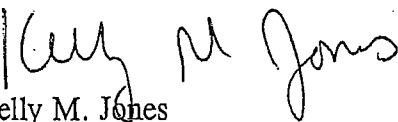
Hi View Sewer Planning District- See Figure 1: Lititz quadrangle

Lexington Sewer Planning District- See Figure 2: Lititz and Manheim quadrangles

Penryn Sewer Planning District- See Figure 3: Lititz and Manheim quadrangles

In your response, please reference the site name and job number so that we can accurately document the findings. Should you have any questions or need additional information, please contact me at (717) 394-3721. Thank you very much for your assistance.

Sincerely,



Kelly M. Jones  
Environmental Scientist

Enclosures

H:\01\01158101\natasci\Ltr-PHMC-CRN-11-5-03.doc



We answer to you.

3020 Columbia Avenue, Lancaster, PA 17603 • (717) 394-3721 • Fax (717) 394-1063  
E-mail: rettew@rettew.com • Web site: www.rettew.com

March 18, 2004

Mr. Michael Schmaus  
U.S. Fish and Wildlife Service  
315 South Allen Street, Suite 322  
State College, PA 16801

- Engineers
- Planners
- Surveyors
- Landscape Architects
- Environmental Consultants
- IT Consultants

RE: Threatened and Endangered Species Coordination  
PNDI PER Nos. 14046, 14047, 14048  
Penn Township Act 537 Sewage Facilities Plan  
Penn Township, Lancaster County, Pennsylvania  
RETTEW Project No. 01-01581-001  
**CERTIFIED MAIL, RETURN RECEIPT**

Dear Michael:

On behalf of Penn Township and in accordance with the Act 537 Plan Content and Environmental Assessment Checklist (Part VI.A.10) for sewage planning modules, RETTEW is submitting this threatened and endangered species coordination letter for the Penn Township Act 537 Sewage Facilities Plan.

The Penn Township Act 537 Sewage Facilities Plan included a comprehensive evaluation of the existing and future wastewater needs of the Township and provided guidance for addressing them. During the planning process, the Township divided the Township geographically into sewer planning districts in an effort to prioritize those needing updated sewage systems as a result of current contamination levels according to greatest need. The three sewer planning districts identified were the following:

1. Hi View Sewer Planning District
2. Lexington Sewer Planning District
3. Penryn Sewer Planning District

When comparing the results of all three sewer planning districts they all appear to warrant public sewer alternatives with none displaying more precedence than the others do. After careful consideration of the findings of the background studies, which addressed existing sewage needs and the condition of the groundwater, as well as the cost analysis of the structural alternatives, Penn Township and the Northwestern Lancaster County Authority have elected to extend public sewer service into these three areas. However, the ability to secure funding for the proposed projects will impact the proposed schedule. As such, the improvements are proposed over a period of the next 10 years.





We answer to you.

3020 Columbia Avenue, Lancaster, PA 17603 • (717) 394-3721 • Fax (717) 394-1063  
E-mail: rettew@rettew.com • Web site: www.rettew.com

March 18, 2004

Mr. Chris Urban, Chief  
Director of Environmental Services  
Pennsylvania Fish and Boat Commission  
450 Robinson Lane  
Bellefonte, PA 16823-9620

- Engineers
- Planners
- Surveyors
- Landscape Architects
- Environmental Consultants
- IT Consultants

RE: Threatened and Endangered Species Coordination  
PNDI PER Nos. 14046, 14047, 14048  
Penn Township Act 537 Sewage Facilities Plan  
Penn Township, Lancaster County, Pennsylvania  
RETTEW Project No. 01-01581-001  
**CERTIFIED MAIL, RETURN RECEIPT**

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# Pennsylvania Natural Diversity Inventory

Scientific information and expertise for the conservation of Pennsylvania's native biological diversity

February 3, 2003

Fax 717-772-0271  
717-772-0258

## Bureau of Forestry

Thomas Glisson  
RETTEW Associates, Inc.  
3020 Columbia Ave.  
Lancaster, PA 17603

**Re:** Pennsylvania Natural Diversity Inventory Review of the Proposed Sewer Installation  
Project, Act 537, Penn Township **PER NO: 14046, 14047, 14048**

Dear Mr. Glisson

In response to your request on January 30, 2003 the Pennsylvania Natural Diversity Inventory (PNDI) information system was used to gather information regarding the presence of resources of special concern within the referenced site. PNDI records indicate potential impact to species of special concern in the project vicinity.

Because of the close proximity of the project to species of special concern, our office recommends that you contact **Bonnie Dershem** of the US Fish & Wildlife Service at **(814) 234-4090** and contact the Pennsylvania Fish & Boat Commission **(814) 359-5113** for recommendations on potential impact on endangered animals in the area.

US Fish and Wildlife Service  
315 South Allen St., Suite 322  
State College, PA 16801

Pennsylvania Fish and Boat Commission  
Bureau of Fisheries and Engineering  
450 Robinson Lane  
Bellefonte, PA 16823

This response represents the most up-to-date summary of the PNDI data files and is applicable for one year. However, an absence of recorded information does not necessarily imply actual conditions on site. A field survey of any site may reveal previously unreported populations. Should project plans change or additional information on listed or proposed species become available this determination may be reconsidered.

PNDI is a site specific information system that describes significant natural resources of Pennsylvania. This system includes data descriptive of plant and animal species of special concern, exemplary natural communities and unique geological features. PNDI is a cooperative project of the Department of Conservation and Natural Resources, The Nature Conservancy, and the Western Pennsylvania Conservancy.



Commonwealth of Pennsylvania  
Pennsylvania Fish and Boat Commission  
Division of Environmental Services  
450 Robinson Lane  
Bellefonte, PA 16823  
814-359-5147  
April 5, 2004

IN REPLY REFER TO  
SIR# 14953

RETTEW ASSOCIATES  
KELLY JONES  
3020 COLUMBIA AVE  
LANCASTER, PA 17603

RE: Species Impact Review (SIR) – Rare, Candidate, Threatened and Endangered Species  
PENN TOWNSHIP ACT 537 SEWAGE FACILITIES PLAN  
PENN Township, LANCASTER County, Pennsylvania

Dear Ms. Jones:

I have examined the map accompanying your recent correspondence, which shows the location for the above-referenced project. Based on records maintained in the Pennsylvania Natural Diversity Inventory (PNDI) database and our own files, the state endangered and federally listed threatened bog turtle (*Clemmys muhlenbergii*) is known from the vicinity of the project site.

The bog turtle is a small (up to a 4 inch carapace) semi-aquatic, omnivorous turtle that prefers open marshy wetlands associated with springs and groundwater, specific vegetative communities and mucky soils for burrowing. This species is restricted to the southcentral and southeast portions of Pennsylvania. However, due to the lack of pristine habitat found in its range from disturbance and plant successional processes, the bog turtle has, in some cases, become accustomed to disturbed, low quality wetland complexes often with semi-closed canopies. Bog turtles are also known to be transients in forested habitat that are associated with springs and small streams leading to more open marshes. They use these habitats as dispersal corridors to other wetlands. The bog turtle is threatened by habitat destruction, poor water quality and poaching.

Based on the proximity of your proposed project to known bog turtle habitat, there may also be suitable bog turtle habitat on the proposed project site. Therefore, if there will be *any* direct (e.g., filling; earth disturbance) or indirect (e.g., runoff) impacts to any wetlands within or adjacent to the project area, we request that a habitat suitability assessment (Phase 1 survey) for bog turtles be conducted by a qualified herpetologist or wetland scientist. A list of qualified surveyors is enclosed for your convenience. Bog turtle habitat surveys are to be conducted in accordance with the methods outlined in the enclosed "*Guidelines for Bog Turtle Surveys*."

Upon completion of the Phase 1 survey, the surveyor is to send a report documenting the survey results to this office (Natural Diversity Section) for our review and comment. The report should include the following information: descriptions of the wetland vegetation, soils, and hydrology on the site; color photographs and maps of suitable habitat; and a list of all herpetofauna observed during the survey. If any bog turtles are

observed during the survey, their location(s) should be mapped, and they should be photographed, aged, sexed, and measured. Following our review of the habitat survey, an additional biological survey to determine bog turtle presence (Phase 2) may be required. Due to the federal status of the bog turtle, future correspondence should also be directed to the Endangered Species Biologist of the U.S. Fish and Wildlife Service at their field office in State College, Pennsylvania.

However, if there will be no direct or indirect impacts to wetlands from the proposed project, then I do not foresee any adverse impacts to the bog turtle or any other rare or protected species under Pennsylvania Fish & Boat Commission jurisdiction. Please note that the Pennsylvania Fish & Boat Commission conducts Species Impact Reviews only for reptiles, amphibians, fishes and aquatic invertebrates. Reviews concerning other natural resources should be directed to the appropriate agencies.

If you have any questions regarding this response, please contact Kathy Derge of my staff (814-359-5186) and refer to the SIR number at the top of this letter. Thank you for your cooperation and attention to this matter of endangered species conservation and habitat protection.

Sincerely,



Christopher A. Urban, Chief  
Natural Diversity Section

Enclosures (2)

cc: B. Dershem, USFWS

**J.S. FISH AND WILDLIFE SERVICE  
& PENNSYLVANIA FISH AND BOAT COMMISSION  
RECOGNIZED QUALIFIED BOG TURTLE SURVEYORS\***

(List revised March 8, 2004)

Gabrielle Borin & Deborah Poppel  
ENSR  
2005 Cabot Blvd. West, Suite 100  
Langhorne, PA 19047  
(W) 215-757-4900, ext 232  
Fax: 215-757-3904  
[gborin@ensr.com](mailto:gborin@ensr.com)  
[dpoppel@ensr.com](mailto:dpoppel@ensr.com)

Teresa McElhenny & Ben Berra  
Skelly and Loy, Inc.  
2601 North Front Street  
Harrisburg, PA 17110-1185  
717-232-0593 or 800-892-6532  
[tmcelhenny@skellyloy.com](mailto:tmcelhenny@skellyloy.com)  
[bberra@skellyloy.com](mailto:bberra@skellyloy.com)

Andrew Brookens  
Skelly and Loy, Inc.  
18028 Maugans Ave.  
Hagerstown, MD 21740  
(W) 301-766-4236  
Fax: 301-766-4190  
[abrookens@skellyloy.com](mailto:abrookens@skellyloy.com)

Gian L. Rocco  
509 Orlando Avenue  
State College, PA 16803  
(H) 814-237-2313  
(cell) 814-883-8635  
[gxr124@psu.edu](mailto:gxr124@psu.edu)

David S. Lee  
1612 Bayleaf Trail  
Raleigh, NC 27614  
(H) 919-715-2605  
[torresinc@aol.com](mailto:torresinc@aol.com)

Joseph M. McLaughlin  
1300 South Farmview Drive  
Apartment H-26  
Dover, DE 19904  
302-698-4588  
[clemmys2003@yahoo.com](mailto:clemmys2003@yahoo.com)

Thomas P. Wilson  
George Mason University  
MSN 3E1  
Department of Biology  
Fairfax, VA 22030-4444  
(W) 703-993-1044  
Fax: 703-993-1046  
[twilson3@gmu.edu](mailto:twilson3@gmu.edu)

Bryon DuBois  
Trident Environmental Consultants  
1658 Route 9  
Toms River, NJ 08755  
732-818-8699, fax: 732-797-3223  
[tec@monmouth.com](mailto:tec@monmouth.com)

Bob Zappalorti & Raymond Farrell  
Herpetological Associates, Inc.  
575 Tom's River Road  
Jackson, NJ 08527  
(W) 732-833-8600  
[Rzappalort@aol.com](mailto:Rzappalort@aol.com)

Michael Torocco & Tessa Mai Bickhart  
Herpetological Associates, Inc.  
110 Brandywine Ave.  
Downingtown, PA 19335  
610-518-7690  
[mike\\_torocco@hotmail.com](mailto:mike_torocco@hotmail.com)

Andrea M. Teti & Charles Strunk  
ANDREA M. TETI, Inc.  
31 Boulder Drive, Suite A  
Sellersville, PA 18960  
(215) 258-2862  
(cell) 609-457-1370  
[sierra@nothinbut.net](mailto:sierra@nothinbut.net)

Jessica Morrow  
A.D. Marble & Company  
10999 Red Run Blvd., Suite 117  
Owings Mills, MD 21117  
(W) 410-902-1421  
Fax: 410-902-8856  
[jmorrow@admarble.com](mailto:jmorrow@admarble.com)

Scott Angus  
Amy S. Greene Environmental  
Consultants, Inc.  
1981 Lake Minsi Drive  
Bangor, PA 18013  
Tel.: 610-250-0773, ext. 22  
Fax: 908-788-6788  
[sangus@amygreene.com](mailto:sangus@amygreene.com)

Janis Seegar  
12265 Harford Road  
Glen Arm, MD 21057  
(H) 410-592-6122  
(W) 410-436-4912  
(Aberdeen Proving Ground)

B. Scott Fiegel  
PO Box 181  
Oley, PA 19547  
610-987-6585

Anthony Wisniewski  
Reptile House, The Baltimore Zoo  
Druid Hill Park  
Baltimore, MD 21217  
(W) 410-396-0441 or 410-462-4398  
[bzherps@aol.com](mailto:bzherps@aol.com)

William Smejkal  
Amy S. Greene Environmental  
Consultants, Inc.  
18 Commerce Street Plaza  
Flemington, NJ 08822-1743  
(W) 908-788-9676  
[asgreene@worldnet.att.net](mailto:asgreene@worldnet.att.net)

David R. Smith  
Coastal Resources, Inc.  
2988 Solomon's Island Road  
Edgewater, MD 21037  
410-956-9000  
410-956-0566 (fax)  
[davids@coastal-resources.net](mailto:davids@coastal-resources.net)

Dr. Rudolf G. Arndt  
Richard Stockton College  
Jim Leeds Rd., PO Box 195  
Pomona, NJ 08240-0195  
609-652-4432  
[Rudolf.Arndt@stockton.edu](mailto:Rudolf.Arndt@stockton.edu)

Tim Hoen  
PO Box 201  
Jarrettsville, MD 21084  
(H) 410-557-6879  
(W) 410-516-8742 (Johns Hopkins  
Univ.)  
[hoen@jhu.edu](mailto:hoen@jhu.edu) [timhoen@smart.net](mailto:timhoen@smart.net)

Matthew Malhame  
RD 2 Box 98C  
Bushkill, PA 18324  
(H) 570-588-7144  
[mmalhame@hotmail.com](mailto:mmalhame@hotmail.com)

Rick Mellon  
Mellon Biological Services  
200 Flint Court South  
Yardley, PA 19067  
215-493-0697  
[rmellon@mellonbiological.com](mailto:rmellon@mellonbiological.com)

\* This list includes professional and amateur herpetologists the Fish and Wildlife Service and Pennsylvania Fish and Boat Commission recognize as qualified to identify bog turtle habitat and survey for the presence of bog turtles. Field investigations should be administered by a qualified surveyor, AND the qualified surveyor should also be present in the field AT ALL TIMES when bog turtle surveys or research is being conducted. This list may not include all individuals qualified to survey for this species. Inclusion of names on this list does not constitute endorsement by the Service or any other U.S. Government agency or State agency.

# GUIDELINES FOR BOG TURTLE SURVEYS<sup>1</sup>

(revised May 2001)

## RATIONALE

A bog turtle survey (when conducted according to these guidelines) is an attempt to determine presence or probable absence of the species; it does not provide sufficient data to determine population size or structure. Following these guidelines will standardize survey procedures. It will help maximize the potential for detection of bog turtles at previously undocumented sites at a minimum acceptable level of effort. Although the detection of bog turtles confirms their presence, failure to detect them does not absolutely confirm their absence (likewise, bog turtles do not occur in all appropriate habitats and many seemingly suitable sites are devoid of the species). Surveys as extensive as outlined below are usually sufficient to detect bog turtles; however, there have been instances in which additional effort was necessary to detect bog turtles, especially when habitat was less than optimum, survey conditions were less than ideal, or turtle densities were low.

## PRIOR TO CONDUCTING ANY SURVEYS

If a project is proposed to occur in a county of known bog turtle occurrence (see attachment 1), contact the U.S. Fish and Wildlife Service (Service) and/or the appropriate State wildlife agency (see attachment 2). They will determine whether or not any known bog turtle sites occur in or near the project area, and will determine the need for surveys.

< If a wetland in or near the project area is *known* to support bog turtles, measures must be taken to avoid impacts to the species. The Service and State wildlife agency will work with federal, state and local regulatory agencies, permit applicants, and project proponents to ensure that adverse effects to bog turtles are avoided or minimized.

< If wetlands in or adjacent to the project area are *not* known bog turtle habitat, conduct a bog turtle habitat survey (Phase 1 survey) if:

1. The wetland(s) have an emergent and/or scrub-shrub wetland component, *and*
2. Direct and indirect adverse effects to the wetland(s) cannot be avoided.

See *Bog Turtle Conservation Zones*<sup>2</sup> for guidance regarding activities likely to affect bog turtles and their habitat. In addition, consult with the Fish and Wildlife Service and/or appropriate State wildlife agency to definitively determine whether or not a Phase 1 survey will be necessary.

## BOG TURTLE HABITAT SURVEY (= Phase 1 survey)

The purpose of this survey is to determine whether or not the wetland(s) are *potential* bog turtle habitat. These surveys are usually performed by someone who is either: (1) qualified to conduct bog turtle surveys (i.e., Phase 2 surveys), or (2) qualified to identify and delineate wetlands. The following conditions and information apply to habitat surveys.



- < Conduct a Phase 2 survey to determine the presence of bog turtles.
- < The Service and appropriate State agency (see list) should be sent a copy of survey results for review and comment including: a USGS topographic map indicating location of site; project design map, including location of wetlands and streams; color photographs of the site; surveyor's name; date of visit; opinion on potential/not potential habitat; a description of the hydrology, soils, and vegetation.

### BOG TURTLE SURVEY (= Phase 2 survey)

If the wetland(s) are identified as potential bog turtle habitat (see Phase 1 survey), and direct and indirect adverse effects cannot be avoided, conduct a bog turtle survey in accordance with the specifications below. Note that this is *not* a survey to estimate population size or structure; a long-term mark/recapture study would be required for that.

Prior to conducting the survey, contact the appropriate State agency (see attached list) to determine whether or not a scientific collector's permit valid for the location and period of the survey will be required.

1. Surveys should only be performed during the period from April 15-June 15. This coincides with the period of greatest annual turtle activity (spring emergence and breeding) and before vegetation gets too dense to accurately survey. While turtles may be found outside of these dates, a result of no turtles would be considered inconclusive. Surveys beyond June also have a higher likelihood of disruption or destruction of nests or newly hatched young.
2. Air and water temperatures should be a minimum of 55E F.
3. Surveys should be done during the day, at least one hour after sunrise and no later than one hour before sunset.
4. Cloud cover should be <50 percent, and surveys should not be done during or immediately following rain events, unless it clears rapidly and is sunny.
5. One (1) to three (3) people should survey each wetland together. At least one (1) of these must be a recognized qualified bog turtle surveyor<sup>3</sup>, and the others should have at least some previous experience conducting bog turtle surveys. To maintain survey effort consistency and increase the probability of encountering turtles, the same surveyors should be used for each wetland.
6. A minimum of four (4) surveys per wetland site are needed to adequately assess the site for presence of bog turtles. At least two of these surveys must be performed in May. From mid-April to mid-May, surveys should be separated by six or more days. From mid-May to mid-June, surveys should be separated by three or more days. The shorter period between surveys during late May and June is needed to ensure that surveys are carried out during the optimum window of time (i.e., before wetland vegetation becomes too thick).

13. The Fish and Wildlife Service and appropriate State agency should be sent a copy of survey results for review and concurrence, including the following: dates of site visits; time spent per wetland per visit; names of surveyors; a site map; a description of the wetlands within the project area (e.g., acreage, vegetation, soils, hydrology); an explanation of which wetlands or portions of wetlands were or were not surveyed, and why; survey methodology; weather per visit at beginning and end of survey (air temperature, water temperature, percent cloud cover, wind, and precipitation); presence or absence of bog turtles, including number of turtles found and date, and age/sex of turtles found; and other reptile and amphibian species found and date.

## ADDITIONAL SURVEYS / STUDIES

Proper implementation of the Phase 2 survey protocol is usually adequate to determine species presence or probable absence. Additional surveys, however, may be necessary to determine whether or not bog turtles are using a particular wetland, especially if the Phase 2 survey results are negative but the quality and quantity of habitat are good and in a watershed of known occurrence. In this case, additional surveys (Phase 2 and/or trapping surveys), possibly extending into the following field season, may be recommended by the Service or appropriate State agency.

If bog turtles are documented to occur at a site, additional surveys/studies may be necessary to characterize the population (e.g., number, density, population structure, recruitment), identify nesting and hibernating areas, and/or identify and assess adverse impacts to the species and its habitat, particularly if project activities are proposed to occur in, or within 300 feet of, wetlands occupied by the species.

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<sup>1</sup> These guidelines are taken from the final ABog Turtle (*Clemmys muhlenbergii*), Northern Population, Recovery Plan (dated May 15, 2001). As additional information becomes available regarding survey techniques and effectiveness, these survey guidelines may be updated and revised. Contact the Fish and Wildlife Service or one of the state agencies listed below for the most recent version of these guidelines.

<sup>2</sup> See Appendix A of the ABog Turtle (*Clemmys muhlenbergii*), Northern Population, Recovery Plan (dated May 15, 2001).

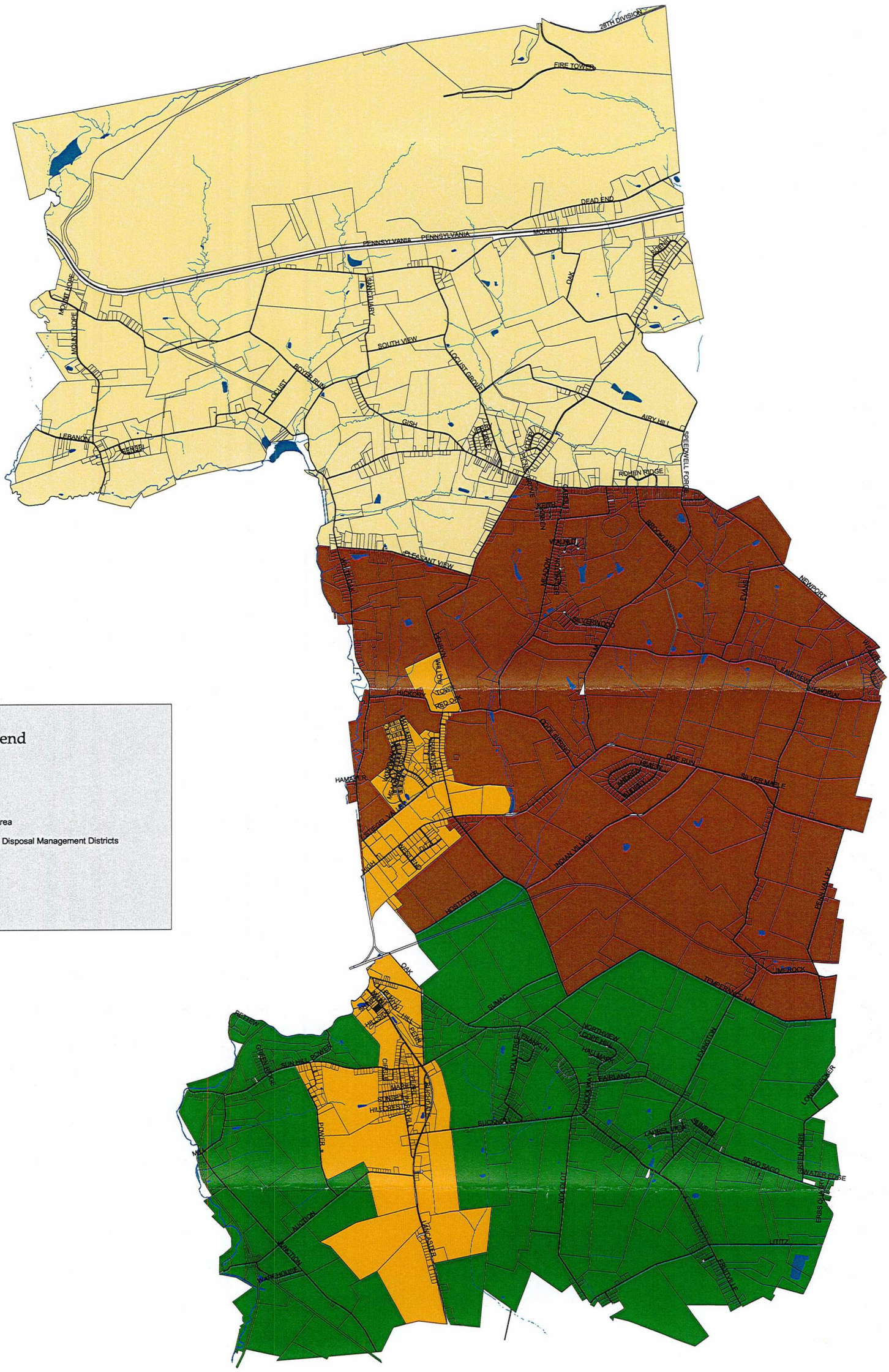
<sup>3</sup> Searching for bog turtles and recognizing their habitat is a skill that can take many months or years of field work to develop. This level of expertise is necessary when conducting searches in order to ensure that surveys are effective and turtles are not harmed during the survey (e.g., by stepping on nests). Many individuals that have been recognized as qualified to conduct bog turtle surveys obtained their experience through graduate degree research or employment by a state wildlife agency.

**BOG TURTLE COUNTIES OF OCCURRENCE OR LIKELY OCCURRENCE<sup>1</sup>**  
*(Revised May 2001)*

STATE	COUNTY	
Connecticut	Fairfield	Litchfield
Delaware	New Castle	
Maryland	Baltimore Carroll	Cecil Harford
Massachusetts	Berkshire	
New Jersey	Atlantic Burlington Camden Gloucester Hunterdon Mercer Middlesex Monmouth	Morris Ocean Passaic Salem Somerset Sussex Union Warren
New York	Albany Columbia Dutchess Genesee Orange Oswego Putnam	Seneca Sullivan Ulster Warren Wayne Westchester
Pennsylvania	Adams Berks Bucks Chester Cumberland Delaware Franklin	Lancaster Lebanon Lehigh Monroe Montgomery Northampton York

<sup>1</sup> This list is valid for one year from the date indicated. It may, however, be revised more frequently if new counties of occurrence are documented. Updates to this list are available from the Service upon request.





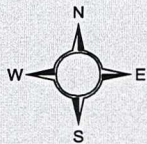
**Legend**

- Parcel
- Stream
- Road
- Lake or Pond
- Public Sewage Service Area
- Proposed On-lot Sewage Disposal Management Districts**
- 1
- 2
- 3

Base Map Source: Lancaster County GIS Landbase  
 Projection: Pennsylvania State South, NAD 83, U.S. FEET  
 Draft Date: April 1, 2004  
 Plot Date: April 15, 2004  
 Edit Date: April 15, 2004

**RETTEW**

H:\0101158101\GIS\_Data\Penn\_Township\537\_plan\_old\_april\_new\_sep03.apr, OLDS



2000 0 2000 4000 6000 Feet

**DRAFT**  
**On-lot Sewage Disposal**  
**Management Districts**  
**Penn Township,**  
**Lancaster County**





111 Millersville Road • Lancaster, PA 17603  
Phone 717.295.4975 • Fax 717.295.4972  
Email db@beckereng.net

April 27, 2004

Mr. Paul Curry, Sewage Planning Specialist  
Pennsylvania Department of Environmental Protection  
Water Management Program  
909 Elmerton Avenue  
Harrisburg, PA 17110-8200

RE: Penn Township, Lancaster County Act 537 Plan  
Project No. 04-104-01

Dear Paul:

As we had discussed on Monday, and on behalf of Penn Township (Township), Becker Engineering, LLC (BEL) offers the following additional documentation to supplement our April 15, 2004 submittal to the Pennsylvania Department of Environmental Protection (PADEP) regarding the Township's Act 537 Sewage Facility Plan (Plan):

1. The Township has prepared correspondence that addresses the adoption and implementation schedule for the proposed On-Lot Disposal System (OLDS) Management Ordinance that will provide assurance that OLDS are being properly maintained throughout the Township. We have included a copy of that correspondence for your information. Please note that the Township does not anticipate adopting the OLDS Management Ordinance until the Act 537 Plan is approved by PADEP.
2. We have enclosed a copy of the April 12, 2004 response from the Pennsylvania Historical and Museum Commission (PHMC) as part this correspondence. The Township and BEL understand that additional archaeological survey work may need to take place during the design phase of the individual sanitary sewer extension projects.
3. We have enclosed a copy of the April 22, 2004 response from the US Fish and Wildlife Service (USFWS) as part of this correspondence. The Township and BEL understand that as part of any sanitary sewer project, wetlands delineation work and potential bog turtle habitat assessments may be required. Again, this work will take place during the design phase of each individual sanitary sewer extension project.

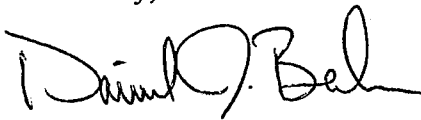
We are forwarding three complete copies of the information package for your review.

Page 2 of 2  
Pennsylvania Department of Environmental Protection  
April 27, 2004  
Project No. 04-104-01

We trust that this response adequately addresses PADEP's remaining concerns regarding the Township's Act 537 Plan. The Township and BEL both appreciate your cooperation and assistance throughout this planning process, and we look forward to receiving Act 537 Plan approval.

If you have any questions or require additional information, please do not hesitate to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "Daniel J. Becker". The signature is fluid and cursive, with the first name "Daniel" and last name "Becker" clearly distinguishable.

Daniel J. Becker, P.E.

Enclosures

Copy: Tom Ernharth, Penn Township  
Josele Cleary, Morgan, Hallgren, Crosswell & Kane, P.C.

G:/BEng-Data/Projects/04-104-01/Ltr-pourry-act 537 plan response-4-27-04.doc



## PENN TOWNSHIP BOARD OF SUPERVISORS

97 North Penryn Road  
Manheim, Pennsylvania 17545  
(717) 665-4508 Fax (717) 665-4105  
[www.penn.co.lancaster.pa.us](http://www.penn.co.lancaster.pa.us)  
Email: [Penntwsp@Dejazzd.com](mailto:Penntwsp@Dejazzd.com)

April 27, 2004

Mr. Paul Curry, Sewage Planning Specialist  
Pennsylvania Department of Environmental Protection  
Water Management Program  
909 Elmerton Avenue  
Harrisburg, PA 17110-8200

**Ref: Penn Township Lancaster County, Act 537 Plan  
Project No. 04-104-01**

Dear Paul:

At their meeting on April 12, 2004, the Board of Supervisors authorized Becker Engineering to submit the response to PADEP's March 8, 2004 review letter, and include the newly drafted proposed OLDS Ordinance as part of that resubmission.

Once the language within the proposed OLDS Ordinance is determined to be acceptable, the Township anticipates adopting the proposed ordinance within six (6) months of receiving PADEP approval of the Act 537 Plan and will commence implementation of the OLDS Ordinance within six (6) months of adoption of the Ordinance.

I hope that this is sufficient for your use and if you should have any questions please call.

Sincerely,

Penn Township



Thomas Ernhart,  
Township Manager



Commonwealth of Pennsylvania  
Pennsylvania Historical and Museum Commission  
Bureau for Historic Preservation  
Commonwealth Keystone Building, 2nd Floor  
400 North Street  
Harrisburg, PA 17120-0093

April 12, 2004

Kelly M. Jones  
Rettew  
3020 Columbia Avenue  
Lancaster, PA 17603

TO EXPEDITE REVIEW USE  
BHP REFERENCE NUMBER

Re: File No. ER 2004-1383-071-A  
DEP ACT 537 Program, Penn  
Township ACT 537 Sewage  
Facilities Plan, Penn Twp., Lancaster  
Co.

Dear Ms. Jones:

The Bureau for Historic Preservation has reviewed the above named project under the authority of the Environmental Rights amendment, Article 1, Section 27 of the Pennsylvania Constitution and the Pennsylvania History Code, 37 Pa. Cons. Stat. Section 500 et seq. (1988). This review includes comments on the project's potential effect on both historic and archaeological resources.

**Lexington Sewer Planning District**

In our opinion no archaeological investigations are necessary in this project area.

**High View and Penryn Sewer Planning Districts**

The USGS topographic map indicates there is a cemetery present within this project area. Please explain how your project will affect this cemetery.

**Penryn Sewer Planning District**

Based on an evaluation by our staff, there is a high probability that significant historic archaeological sites are located in this project area and could be adversely affected by project activities. Although there are no recorded archaeological sites within the project boundaries, the presence of historic structures indicates that archaeological resources are likely to be present. A Phase I archaeological survey of the project area is required to locate potentially significant archaeological resources. Guidelines and information for survey are available from our office upon request.

Page 2  
April 12, 2004  
Ms. Kelly M. Jones

There may be historic structures eligible for the National Register of Historic Places located in the project area. However, due to the nature of the activity, it is our opinion that there will be no effect on these properties. Should the applicant become aware, from any source, that unidentified historic resources are located at the project site, or that the project activities will have an effect on these properties, the Bureau for Historic Preservation should be contacted immediately.

If you need further information regarding archaeological survey please contact Noël Strattan at (717) 772-4519. If you need further information concerning historic structures please consult Ann Safley at (717) 787-9121.

Sincerely,



Kurt W. Carr, Chief  
Division of Archaeology &  
Protection

CC: DEP, Southcentral Region  
KWC/lmm



## United States Department of the Interior

## FISH AND WILDLIFE SERVICE

Pennsylvania Field Office  
315 South Allen Street, Suite 322  
State College, Pennsylvania 16801-4850



April 22, 2004

Kelly Jones  
Rettew  
3020 Columbia Avenue  
Lancaster, PA 17603

Dear Ms. Jones:

This responds to your letter of March 18, 2004, requesting information about federally listed and proposed endangered and threatened species within the area affected by the Penn Township Act 537 Sewerage Facilities Plan, Penn Township, Lancaster County, Pennsylvania. The following comments are provided pursuant to the Endangered Species Act of 1973 (87 Stat. 884, as amended; 16 U.S.C. 1531 *et seq.*) to ensure the protection of endangered and threatened species.

The proposed project is within the known range of the bog turtle (*Clemmys muhlenbergii*), a species that is federally listed as threatened. Bog turtles inhabit shallow, spring-fed fens, sphagnum bogs, swamps, marshy meadows, and pastures characterized by soft, muddy bottoms; clear, cool, slow-flowing water, often forming a network of rivulets; high humidity; and an open canopy. Bog turtles usually occur in small, discrete populations occupying suitable wetland habitat dispersed along a watershed. The occupied "intermediate successional stage" wetland habitat is usually a mosaic of micro-habitats ranging from dry pockets, to areas that are saturated with water, to areas that are periodically flooded. Some wetlands occupied by bog turtles are located in agricultural areas and are subject to grazing by livestock.

Because wetlands occur within the project area, their potential suitability as bog turtle habitat should be assessed, as described under "Bog Turtle Habitat Survey" (Phase 1 survey) of the enclosed *Guidelines for Bog Turtle Surveys*. This Phase 1 survey should evaluate all wetlands within the project action area. The project "action area" includes all areas that will be directly or indirectly affected by the proposed project (including all phases of multi-phased projects) and all project-associated features, such as roads, water and sewer lines, utility lines, stormwater and sedimentation basins, buildings and other structures, driveways, parking lots, yards/lawns, and wells. A list of qualified surveyors is enclosed, although the habitat survey could also be conducted by persons not on this list (e.g., wetland biologists familiar with bog turtle habitat and the Service's Phase 1 survey guidelines). Survey results should be submitted to the Service for review and concurrence.

If potential bog turtle habitat is found in the project action area, efforts should be made to avoid any direct or indirect impacts to those wetlands (see enclosed *Bog Turtle Conservation Zones*). Avoidance of direct and indirect effects means no disturbance to or encroachment into the wetlands (e.g., filling, ditching or draining) for any project-associated features or activities. Adverse effects may also be anticipated to occur when lot lines include portions of the wetland; when an adequate upland buffer is not designated around the wetland (see *Bog Turtle Conservation Zones*); or when roads, stormwater/sedimentation basins, impervious surfaces, or wells affect the hydrology of the wetland.

We recommend that if potential habitat is found, you submit (along with your Phase 1 survey results) a detailed project description and detailed project plans documenting how direct and indirect impacts to the wetlands will be avoided. If adverse effects to these wetlands cannot be avoided, a more detailed and thorough survey will be necessary, as described under "*Bog Turtle Survey*" (Phase 2 survey) of the *Guidelines*. The Phase 2 survey should be conducted by a qualified biologist with bog turtle field survey experience (see enclosed list of qualified surveyors), and survey results should be submitted to the Service for review and concurrence.

In cases where adverse effects to federally listed species cannot be avoided, further consultation with the Service would be necessary to avoid potential violations of section 9 (prohibiting "take" of listed species) and/or section 7 (requiring federal agencies to consult) of the Endangered Species Act. Information about the section 7 and section 10 consultation processes (for federal and non-federal actions, respectively) can be obtained by contacting this office or accessing the Service's Endangered Species Home Page (<http://endangered.fws.gov>).

This response relates only to endangered and threatened species under our jurisdiction, based on an office and/or field review of the proposed project. Consequently, this letter is not to be construed as addressing potential Service concerns under the Fish and Wildlife Coordination Act or other authorities. A compilation of certain federal status species in Pennsylvania is enclosed for your information.

Please contact Bonnie Dershem of my staff at 814-234-4090 if you have any questions regarding this matter.

Sincerely,



David Densmore  
Supervisor



Pennsylvania Department of Environmental Protection

909 Elmerton Avenue  
Harrisburg, PA 17110-8200  
May 20, 2004

Southcentral Regional Office

RECEIVED

717-705-4707

FAX - 717-705-4760

MAY 24 2004

Penn Township Supervisors  
c/o Tom Ernharth, Manager  
97 North Penryn Road  
Manheim, PA 17545

RETTIEW ASSO., INC.

Re: Act 537 Planning  
APS ID No. 510522  
DEP Code No. D1-36944-ACT  
Penn Township, Lancaster County

Ladies and Gentlemen:

The Department of Environmental Protection (Department) reviewed your Act 537 Official Plan (Plan) entitled An Act 537 Sewage Facilities Plan for Penn Township prepared by Rettew and adopted October 27, 2003. Additional information was submitted under cover letters from Becker Engineering LLC dated April 15, 2004 and April 27, 2004. The submission is consistent with the planning requirements given in Chapter 71 of the rules and regulations of the Department. The Plan provides for the expansion of the North Western Lancaster County Authority wastewater treatment facility (NPDES 0084026) from 0.25 MGD to 0.65 MGD. The Plan also provides for the extension of public sewers to the South Penryn Road area, the Penryn area, the Hi-View area and the Lexington area as delineated in the Plan. In addition, the Plan provides for an onlot sewage disposal management ordinance requiring submission of pumping/inspection manifests to the township. The Plan is approved with the following comments:

1. The approved project will require an NPDES permit for the proposed effluent discharge. The permit application must be submitted in the name of the authority.
2. The approved project will require a Water Management Part II Permit for the construction and operation of the proposed sewerage facilities (wastewater treatment facility, pump stations, force mains). The permit application must be submitted in the name of the authority. Issuance of a Part II Permit will be based upon a technical evaluation of the permit application and supporting documentation. Starting construction prior to obtaining a Part II Permit is a violation of the Clean Streams Law.
3. Following final municipal adoption, copies of the Sewage Management Ordinance must be submitted to this office and the Lancaster District Office. The plan commits to municipal adoption of the sewage management program ordinance by November 2004, with implementation to begin in May 2005. Annual reports regarding the implementation of this program must be submitted to the Department.



( Enclosure

cc: Rettew  
Becker Engineering LLC  
Lancaster County Planning Commission

# APPENDIX B:

## SUPPORTING DOCUMENTATION

### Contents

1. February 24, 1992 Penn Township On-Lot Sewage Disposal System Ordinance
2. March 8, 1999 Penn Township On-Lot Sewage Disposal System Amendment Ordinance
3. February 26, 2001 Penn Township Privy Ordinance
4. Fall 2002 Penn Township Newsletter discussing proper maintenance of an on-lot sewage disposal system
5. May 2002 and June 2002 Individual Well Sampling Results Table
6. Proof of Publication

Amended #1-1999

TOWNSHIP OF PENN

Lancaster County, Pennsylvania

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ORDINANCE NO. 2-1992

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AN ORDINANCE TO ESTABLISH REGULATIONS CONCERNING ON-LOT SEWAGE DISPOSAL SYSTEMS WITHIN THE TOWNSHIP; ADOPTING THE PROVISIONS OF CHAPTERS 71, 72 AND 73 OF TITLE 25 OF THE PENNSYLVANIA CODE AS THE TOWNSHIP'S REGULATIONS FOR THE INSTALLATION OF AND ISSUANCE OF PERMITS FOR ON-LOT SEWAGE DISPOSAL SYSTEMS EXCEPT AS MODIFIED BY THIS ORDINANCE; REQUIRING THAT PERMITS BE OBTAINED PRIOR TO THE INSTALLATION OF AN ON-LOT SEWAGE DISPOSAL SYSTEM FOR ALL LOTS WITHIN THE TOWNSHIP REGARDLESS OF THE SIZE OF THE LOT; INCLUDING REGULATIONS FOR MAINTENANCE OF ON-LOT SEWAGE DISPOSAL SYSTEMS; REQUIRING THE LOCATION OF INITIAL AND REPLACEMENT INDIVIDUAL ON-LOT SEWAGE DISPOSAL SYSTEMS WITHIN THE TOWNSHIP; PROVIDING FOR PENALTIES FOR THE VIOLATION OF THIS ORDINANCE; AND PROVIDING THAT THE TOWNSHIP SHALL NOT WARRANT OR GUARANTEE THE FUNCTIONING OR MAINTENANCE OF ANY ON-LOT SEWAGE DISPOSAL SYSTEM INSTALLED PURSUANT TO THE TERMS OF THIS ORDINANCE.

BE AND IT IS HEREBY ORDAINED AND ENACTED by the Board of Supervisors of the Township of Penn, Lancaster County, Pennsylvania, as follows:

Section 1. Title. This Ordinance shall be known and may be cited as the "Penn Township On-Lot Sewage Disposal System Ordinance".

Section 2. Legislative Intent. The Board of Supervisors recognizes that on-lot sewage disposal systems constitute a valid and approved manner of conserving the quality of the water and other natural resources of the Township through proper treatment of wastes generated by development within the Township. The use of individual on-lot sewage disposal systems must be regulated in accordance with the regulations promulgated by the Department of Environmental Resources which pertain to the location and permitted types of on-lot sewage disposal systems. In addition, the Township has determined that should the on-lot sewage disposal system installed by a landowner fail, the water quality and other natural resources of the Township may be polluted. It is especially of concern to the Board that such pollution may occur when a system fails and there is no suitable area on the lot for the installation of a replacement system. Therefore, in order to protect the water quality and other natural resources of the Township, thereby pro-

protecting the health and welfare of residents and visitors, the Board of Supervisors desires to require that all landowners provide and set aside areas for the installation of replacement individual on-lot sewage disposal systems.

It is the further intent of the Board of Supervisors to insure that on-lot sewage disposal systems are properly maintained. Failure to maintain on-lot sewage disposal systems results in malfunctions which in turn results in the pollution of the water quality and other natural resources of the Township. On-lot sewage disposal systems should be pumped out on a regular basis, and it is the responsibility of all landowners to insure such maintenance is performed. In order to promote the proper maintenance of on-lot sewage disposal systems within the Township, the Township shall develop a public education program.

Section 3. Adoption of Standards by Reference. A certain document, three (3) copies of which have been and are presently on file in the office of the Secretary of the Township of Penn, being marked and designated as Chapters 71, 72, and 73 of Title 25 of the Pennsylvania Code, being promulgated by the Department of Environmental Resources of the Commonwealth of Pennsylvania, be and is hereby adopted as the sewage permit application and installation procedure of the Township and each and all of the regulations contained in the said Chapters are hereby adopted by the Township except as modified by this Ordinance. It is the intent of the Board of Supervisors to adopt all subsequent amendments and revisions to the said Chapters as permitted by law and in accordance with the provisions of 1 Pa. C.S. §1937(a). If such an intent is found invalid by a court of competent jurisdiction, it is the intent of the Board to adopt the said Chapters as they existed on the effective date of this Ordinance.

Section 4. Word Usage and Definitions.

A. Word Usage. In the interpretation of this Ordinance, the singular shall include the plural, and the masculine shall include the feminine and the neuter.

B. Definitions.

ACT - The Pennsylvania Sewage Facilities Act, Act of January 24, 1966, P.L. (1965) 1535, No. 537, as amended, 35 P.S. §750.1 et seq.

BOARD - The Board of Supervisors of the Township.

COMMUNITY SEWAGE SYSTEM - Any system, whether publicly or privately owned, for the collection of sewage or industrial wastes of a liquid nature from two or more lots, and the treatment and/or disposal of the sewage or industrial waste on one or more of the lots or at any other site and which shall

comply with all applicable regulations of the Department.

DEPARTMENT - The Department of Environmental Resources of the Commonwealth of Pennsylvania or any successor agency.

INDIVIDUAL ON-LOT SEWAGE DISPOSAL SYSTEM - Any system of piping, tanks, or other facilities serving on a single lot and collecting and disposing of sewage in whole or in part into the soil and any waters of the Commonwealth of Pennsylvania or by means of conveyance to another site for final disposition, and which is located upon the lot which it serves.

LAND DEVELOPMENT - A land development as defined in the Pennsylvania Municipalities Planning Code, Act of July 31, 1968, P.L. 805, No. 247, as amended and reenacted, 53 P.S. §10101 et seq.

LOT - A parcel of land used or intended to be used as a building site or a separate parcel to be created as a result of approval of a subdivision or land development application or a condominium unit. The term lot shall include parcels equal to or greater than ten (10) acres in size where the lot may be occupied by one or more persons or families.

OFFICIAL PLAN - A comprehensive plan for the provision of adequate sewage disposal systems adopted by the Township and approved by the Department in accordance with the Act and with applicable Department regulations.

OLDS - An individual on-lot sewage disposal system.

PERSON - Any individual, association, partnership, public or private corporation whether for profit or not-for-profit, trust, estate, or other legally recognized entity. Whenever the term "person" is used in connection with any clause providing for the imposition of a fine or penalty or the ordering of the action to comply with the terms of this Ordinance, the term "person" shall include the members of an association, partnership or firm and the officers of any public or private corporation, whether for profit or not-for-profit.

PLANNING MODULE FOR LAND DEVELOPMENT - A revision to the Township Official Plan submitted in connection with the request for approval of a subdivision or land development in accordance with Department regulations.

REPLACEMENT LOCATION - A location designated as the future location of an OLDS that shall be installed should the OLDS installed or to be installed fail or otherwise become inoperable and which shall meet all the regulations of the Department and all applicable Township ordinances for an OLDS.

SEWAGE ENFORCEMENT OFFICER - The Sewage Enforcement Officer of the Township.

SINGLE AND SEPARATE OWNERSHIP - The ownership of a lot by one or more persons which ownership is separate and distinct from that of any abutting or adjoining lot.

SUBDIVISION - A subdivision as defined by the Pennsylvania Municipalities Planning Code, Act of July 31, 1968, P.L. 805, No. 247, as amended and reenacted, 52 P.S. §10101 et seq.

TOWNSHIP - The Township of Penn, Lancaster County, Pennsylvania.

C. Additional Definitions. All words within this Ordinance which are defined within Chapters 71, 72 or 73 of the Regulations of the Department which are not otherwise defined herein shall have those definitions contained in said Regulations.

Section 5. Permits Required for All Lots. A permit shall be obtained from the Sewage Enforcement Officer in accordance with the Act, the Regulations of the Department, and this Ordinance prior to the installation of any OLDS. This requirement shall apply to all lots within the Township regardless of the size of the lot.

Section 6. Applicability of Regulations. All persons who shall install an OLDS, or upon whose property an OLDS has been installed in the past which is presently being used for the disposal of sewage, shall comply with the provisions of this Ordinance.

Section 7. Maintenance Requirements. All OLDSS shall be maintained by the owner of the property upon which the OLDS is installed to insure proper functioning of the OLDS. Such maintenance shall include, but not be limited to:

A. The removal of septage or other solids from treatment tanks once every three (3) years or whenever an inspection reveals that the treatment tanks are filled with solids in excess of one third of the liquid depth of the tank or with scum in excess of one third of the liquid depth of the tank, whichever occurs sooner.

B. Maintenance of surface contouring and other measures, consistent with Chapter 73 (relating to standards for sewage disposal facilities) to divert storm water away from treatment facilities and absorption areas and protection of the absorption areas from physical damage.

C. Whenever possible, use of water conservation devices to reduce hydraulic loading to the OLDS.



D. The use of garbage disposals is strictly prohibited for OLDSS within the Township unless the OLDSS has been designed to accommodate the additional flow characteristics.

Section 8. Proof of Maintenance. Each time that a septic tank or other subsurface waste disposal system tank which is part of an OLDSS is pumped out (i.e. septage and/or solids and/or scum is removed), the private sewage waste hauler who performs the service shall provide to the owner of the system a signed receipt containing the following information:

- A. Date of pumping out.
- B. Name and address of system owner.
- C. Description and diagram of location of tank, including location of any markers, risers, and/or access hatches.
- D. Size of tank.
- E. Age of the system.
- F. Last date of pump out (if known).
- G. Any maintenance performed in connection with pumping out of the system.
- H. Any indication of system malfunction observed.
- I. Amount of septage or other solid or semi-solid material removed.
- J. Cost of service.
- K. Waste hauler's state license number permitting him to collect and haul septage in this Commonwealth.

The receipt shall be signed by the property owner certifying to the best of his or her knowledge the OLDSS does not contain industrial wastes. The receipt shall be available for inspection by authorized officials of the Township and shall serve as proof of compliance with the maintenance requirements of this Ordinance. Failure to provide a copy of the receipt within 30 days after a written request to do so is made by the Township shall constitute a violation of this Ordinance.

Section 9. Transfer of Ownership. Any person who transfers ownership of a lot containing an OLDSS shall provide the new owner with all records concerning maintenance of the OLDSS, including but not limited to the receipts required to be provided by Section 8 above, and shall demonstrate compliance with all requirements of this Ordinance. Upon request of the new owner or of the Township,

the person who transfers the lot shall provide a certificate stating that the OLDS has been pumped out, has been inspected, and is in proper operating order. If the OLDS is determined to be malfunctioning, the Township shall require that remedial measures be taken to eliminate the public health hazard. The Township shall not issue a certificate of use and occupancy for any structure on the lot until such measures have been performed as are required to insure proper functioning of the sewage disposal system.

Section 10. Sewage Testing Required for all Proposed Lots. After the effective date of this Ordinance, no requests for approvals of Planning Modules for Land Development and no revisions or supplements to the Official Plan shall be granted by the Board unless the applicant presents to the Board evidence that each lot or lots to be created contains a suitable location for the installation of an initial OLDS except when such lot or lots to be created are to be served by a community sewage system. The Sewage Enforcement Officer shall perform or observe all tests required by the Department and this Ordinance for the location of an OLDS to confirm the suitability of the location. Notwithstanding the foregoing, if the applicant presents to the Board evidence that the proposed lot will not be improved with structures provided with sewage facilities, and if the applicant has obtained all required waivers from the Department concerning processing of the Planning Module for Land Development when a proposed lot will not be improved with structures provided with sewage facilities, the Board may waive the requirement that the proposed lot be tested to determine a suitable location for the installation of an OLDS. The applicant shall include a note on the recorded subdivision plan setting forth the waiver from the requirements of this Section and stating that prior to the issuance of a permit to enable the erection of any structure provided with sewage facilities the landowner shall comply with all requirements of the Department and of this Ordinance.

Section 11. Replacement Location for On-lot Sewage Disposal Systems Required. After the effective date of this Ordinance, a Replacement Location for an OLDS shall be required for all lots or lots to be created which are not serviced or to be serviced by a community sewage system or for which a valid permit for installation of an OLDS has not been issued; provided, however, that if an application for a permit for an OLDS was submitted to the Sewage Enforcement Officer prior to the effective date of this Ordinance and testing of the lot has ~~has~~ commenced, if after testing is completed a permit is granted provision of a Replacement Location shall not be required. The Replacement Location provided shall comply with the Act and with all regulations issued by the Department as incorporated into this Ordinance concerning OLDS, including isolation distances, and with the terms of this Ordinance and any other applicable Township ordinances. Notwithstanding the foregoing, if an applicant obtains a waiver from the requirement of testing of lots to be created set forth in Section 10 of this Ordinance

nance, such waiver shall also be considered a waiver of the requirements of this Section. Any conditions upon such waiver of the requirements of Section 10 shall also be considered as conditions upon the waiver of the requirements of this Section.

Section 12. Identification of Replacement Location.

A. Each person who shall apply for a permit under the Township Zoning Ordinance or a permit for the installation of an OLDS or who shall request approval of a Planning Module for Land Development or the adoption of a revision or supplement to the Official Plan shall demonstrate to the satisfaction of the Sewage Enforcement Officer that a suitable area exists on the lot or on each lot to be created for an initial OLDS and for the Replacement Location. The Sewage Enforcement Officer shall perform or observe all tests required by this Ordinance for the location of any OLDS to confirm the suitability of the Replacement Location. Allowance of open land for the Replacement Location without testing performed or observed by the Sewage Enforcement Officer shall not constitute compliance with the requirements of this Section.

B. The location of the initial OLDS and the Replacement Location as confirmed by the Sewage Enforcement Officer shall be identified on the plot plans and diagrams submitted as a part of the permit application.

C. If the application has been submitted as a part of a request that the Township approve a Planning Module for Land Development or amend its Official Plan, the location of each OLDS and each Replacement Location shall be notated upon the plans. If the application is being made in conjunction with an application to the Lancaster County Planning Commission for subdivision or land development approval, a note shall be added to the plans stating that no improvements shall be constructed upon the Replacement Location, and the deed to each lot created as a part of the subdivision or land development shall contain language reflecting this limitation.

D. Any revisions to a permit or plan affecting a Replacement Location which previously has been approved pursuant to the provisions of this Ordinance shall be approved by the Board or its authorized representative.

Section 13. Construction of Improvements upon Replacement Location Prohibited. No permanent or temporary improvements of any character other than the planting of trees, shrubs, or other plant matter shall be constructed upon the Replacement Location unless the person who desires to construct such improvements shall demonstrate to the satisfaction of the Sewage Enforcement Officer that an alternate Replacement Location which complies with all applicable regulations of the Department, this Ordinance and all other

applicable Township ordinances exists upon the lot. If such an alternate Replacement Location shall be identified, the alternate Replacement Location may be considered to be the Replacement Location required by this Ordinance and shall be designated as the Replacement Location. The newly designated Replacement Location shall thereafter be considered the Replacement Location for the purposes of this Ordinance.

Section 14. Relief from Requirement of Designation of Replacement Location. If any lot held in single and separate ownership as of the effective date of this Ordinance shall not contain land suitable for a Replacement Location, the applicant for a permit under the Township Zoning Ordinance or a permit to install an OLDS may request that the Board grant an exception to the requirement of providing a Replacement Location. The applicant for such an exception shall present credible evidence to the Board demonstrating (i) that the lot was held in single and separate ownership on the effective date of this Ordinance; (ii) the size of the lot; (iii) inability of the applicant to acquire adjacent land or the unsuitability of adjacent land which might be able to be acquired; and (iv) the testing conducted to determine that the lot is not suitable to provide a Replacement Location. At all times the burden to present credible evidence and the burden of persuasion shall be upon the applicant for an exception from the terms of this Ordinance.

Section 15. Penalties. For each violation of the provisions of this Ordinance, the owner, agent or contractor performing construction upon a lot where such violation shall exist, and/or the owner, agent, lessee, or contractor or any other person who commits, takes part in, or assists in any such violation shall be liable on conviction thereof in a summary proceeding to pay a fine of not less than one hundred (\$100.00) dollars nor more than six hundred (\$600.00) dollars for each offense, together with the costs of prosecution. In default of payment of such fine, such person shall be liable to imprisonment for a period not exceeding thirty (30) days.

Section 16. Remedies. In case any improvement is constructed or any OLDS is maintained in violation of this Ordinance, in addition to the other remedies provided by law, any appropriate action or proceedings in equity may be instituted or taken to prevent such unlawful construction of improvements or such unlawful maintenance of such OLDS.

Section 17. Declaration of Nuisance.

A. The discharge of sewage on the surface of the ground, the failure to properly maintain an OLDS, the use of an OLDS for which no permit has been issued if a permit was required for installation of an OLDS at the time such OLDS was installed, and the replacement, repair, modification or instal-

lation of an OLDS without a permit are hereby declared to be nuisances and abatable as such in accordance with the provisions of the Second Class Township Code, Act of May 1, 1933, P.L. 103, §702 cl. XII and LI, as amended, 53 P.S. §§65712 and 65751. The actual expenses of the Township in the abatement of such nuisances plus an additional twenty-five (25%) percent of such expenses shall be filed as a municipal claim against the property, and shall be collectable as provided by law.

B. Construction of improvements on the Replacement Location renders the Replacement Location useless and therefore jeopardizes the water quality and other natural resources of the Township. This harm to the water quality and other natural resources of the Township is a danger to the health, safety and welfare of the residents of the Township and is hereby declared to be a nuisance and abatable as such in accordance with the provisions of the Second Class Township Code, Act of May 1, 1933, P.L. 103, §702 cl. XII and LI, as amended, 53 P.S. §§65712 and 65751. The actual expenses of the Township in the abatement of such nuisances plus an additional twenty-five (25%) percent of such expenses shall be filed as a municipal claim against the property, and shall be collectible as provided by law.

Section 18. Public Education Program. The Board of Supervisors hereby declares that the Township shall commence a public education program directed at owners and residents of lots which are served by OLDS. The public education program of the Township shall encourage the proper maintenance of the OLDS, the conservation of water to lessen the possibility of hydrologic overloading, and the necessity to pump out OLDS at regular intervals.

Section 19. Waiver of Liability. Although this Ordinance is intended to provide guidelines for the installation and maintenance of a replacement location for OLDS, nothing contained herein shall be interpreted as a guarantee or warranty to applicants or other Township residents that systems installed under the provisions of this Ordinance will function as intended. The Township assumes no responsibility for the location and/or maintenance of OLDS within the Township.

Section 20. Severability. The provisions of this Ordinance are severable, and if any section, sentence, clause, part or provision hereof shall be held to be illegal, invalid or unconstitutional by any court of competent jurisdiction, such decision of the court shall not affect or impair the remaining sections, sentences, clauses, parts or provisions of this Ordinance. It is hereby declared to be the intent of the Board of Supervisors that this Ordinance would have been enacted if such illegal, invalid or unconstitutional section, sentence, clause, part or provision had not been included herein.

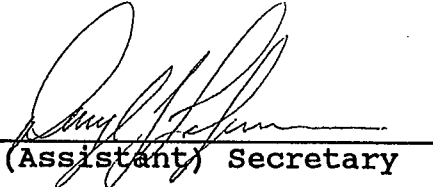
Section 21. Construction. Nothing in this Ordinance shall be construed to affect any suit or proceeding pending in any court, or any rights acquired or liability incurred, or any permit issued or approval granted or any cause or causes of action arising prior to the enactment of this Ordinance.

Section 22. Effective Date. This Ordinance shall take effect and be in force five (5) days after its enactment by the Board of Supervisors of the Township of Penn as provided by law.

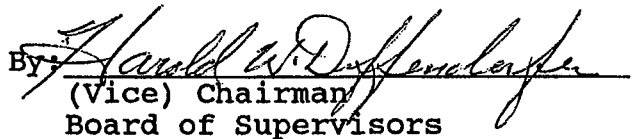
DULY ORDAINED the 24 day of February, 1992, by the Board of Supervisors of the Township of Penn, Lancaster County, Pennsylvania, in lawful session duly assembled.

TOWNSHIP OF PENN  
Lancaster County, Pennsylvania

Attest:

  
(Assistant) Secretary

[TOWNSHIP SEAL]

By:   
(Vice) Chairman  
Board of Supervisors



**TOWNSHIP OF PENN**

Lancaster County, Pennsylvania

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ORDINANCE NO. 1-1999

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AN ORDINANCE TO AMEND THE PENN TOWNSHIP ON-LOT SEWAGE DISPOSAL SYSTEM ORDINANCE TO REVISE REQUIREMENTS CONCERNING MAINTENANCE OF ON-LOT SEWAGE DISPOSAL SYSTEMS AND TO REVISE PENALTIES AND REMEDIES.

BE AND IT IS HEREBY ORDAINED AND ENACTED by the Board of Supervisors of the Township of Penn, Lancaster County, Pennsylvania, as follows:

Section 1. Ordinance No. 2-1992, the Penn Township On-Lot Sewage Disposal System Ordinance, Section 7 thereof, Maintenance Requirements, shall be amended by adding new Subsections E, F and G which shall provide as follows:

E. Where the OLDS includes a denitrification system or other system or apparatus for the additional treatment of wastewater or effluent, to insure the annual (or more frequent if required by agreement with the Township or by the Department) inspection of such system or apparatus to insure its proper functioning and, if such inspection shall reveal that the system or apparatus is not properly functioning, to make all repairs necessary so that the system or apparatus is functional. Inspections shall be performed by a representative of the system's or apparatus' manufacturer, a person or firm certified by the manufacturer to perform such inspections, or other inspector acceptable to the Township.

F. To comply with all maintenance requirements in any recorded agreement between the Township and the landowner or any predecessor in title relating to the OLDS or any system or apparatus installed in or with the OLDS.

G. Where a community sewage system is installed, to take all actions recommended by the manufacturer of the community sewage system and by the permit issued by the Department to authorize installation of the community sewage system.

Section 2. Ordinance No. 2-1992, the Penn Township On-Lot Sewage Disposal System Ordinance, Section 8 thereof, Proof of Maintenance, shall be retitled "Proof of Maintenance or Inspection" and shall be amended to provide as follows:

A. Proof of Maintenance. Each time that a septic tank or other subsurface waste disposal system tank which is part of an OLDS is pumped out (i.e. septage and/or solids and/or scum is removed), the private sewage waste hauler who performs the service shall provide to the owner of the system a signed receipt containing the following information:

1. Date of pumping out.
2. Name and address of system owner.
3. Description and diagram of location of tank, including location of any markers, risers, and/or access hatches (if known).
4. Size of tank.
5. Age of the system (if known).
6. Last date of pump out (if known).
7. Any maintenance performed in connection with pumping out of the system.
8. Any indication of system malfunction observed.
9. Amount of septage or other solid or semi-solid material removed.
10. Cost of service.
11. Waste hauler's state license number permitting him to collect and haul septage in this Commonwealth.

The receipt shall be signed by the property owner certifying to the best of his or her knowledge the OLDS does not contain industrial wastes. The receipt shall be available for inspection by authorized officials of the Township and shall serve as proof of compliance with the maintenance requirements of this Ordinance. Failure to provide a copy of the receipt within 30 days after a written request to do so is made by the Township shall constitute a violation of this Ordinance.

B. Proof of Inspection. Where this Ordinance or any agreement entered into between the Township and the landowner or a predecessor in title of the landowner requires annual or more frequent inspections of an OLDS or a system or apparatus installed in or with an OLDS or a community sewage system, a report prepared by the inspector shall be submitted to the Township within 30 days following the date of completion of the required inspection.

**Section 3.** Ordinance No. 2-1992, the Penn Township On-Lot Sewage Disposal System Ordinance, Section 15 thereof, Penalties, shall be retitled "Violations and Penalties" and shall be amended to provide as follows:

A. It shall be a violation of this Ordinance to commit or permit any other person to commit any of the following acts:

1. To install, repair, modify or alter an individual on-lot sewage disposal system or a community sewage system prior to obtaining a permit or in a manner which violates the terms and conditions of any permit.

2. To misuse or fail to maintain an individual on-lot sewage disposal system or a community sewage system.

3. To fail to report a malfunctioning individual on-lot sewage disposal system or community sewage system.

4. To fail to remedy a malfunctioning individual on-lot sewage disposal system or community sewage system.

5. To construct any improvements upon, grade, or take any other action which will render a replacement location unsuitable for installation of an individual on-lot sewage disposal system or community sewage system unless the Sewage Enforcement Officer has approved an alternate replacement location in accordance with Sections 11 and 12 of this Ordinance.

6. To place false information on or omit relevant information from an application for a permit.

7. To occupy or permit the occupancy of any structure served by an individual on-lot sewage disposal system for which a valid permit has not been obtained as required by this Ordinance.

8. To occupy or permit the occupancy of any structure served by a community sewage system for which a valid permit has not been obtained as required by this Ordinance.

9. To fail to comply with any other provision of this Ordinance.

B. Any person who shall violate a provision of this Ordinance or who shall fail to comply with any of the requirements thereof or who shall permit the violation of this Ordinance or who shall use or occupy or permit the use or occupancy of any building or structure which is served by on OLDS or community sewage system which has not been installed or maintained in accordance with the requirements of this Ordinance, shall, upon being found guilty in an enforcement proceeding commenced by the Township, pay a penalty of not less than two hundred

(\$200.00) dollars and not more than one thousand (\$1,000.00) dollars for each violation plus all costs of prosecution, which fines and penalties may be collected as provided by law. Each day that a violation continues shall be deemed a separate offense, and each Section of this Ordinance which is violated shall be deemed a separate offense.

Section 4. All other sections, parts and provisions of Ordinance No. 2-1992, the Penn Township On-Lot Sewage Disposal System Ordinance shall remain in full force and effect as previously enacted and amended.

Section 5. In the event any provision, section, sentence, clause, or part of this Ordinance shall be held to be invalid, illegal, or unconstitutional by a court of competent jurisdiction, such invalidity, illegality, or unconstitutionality shall not affect or impair the remaining provisions, sections, sentences, clauses, or parts of this Ordinance, it being the intent of the Board of Supervisors that the remainder of the Ordinance shall be and shall remain in full force and effect.

Section 6. This Ordinance shall take effect and be in force five (5) days after its enactment by the Board of Supervisors of the Township of Penn as provided by law.

DULY ORDAINED AND ENACTED this 8 day of March, 1999, by the Board of Supervisors of the Township of Penn, Lancaster County, Pennsylvania, in lawful session duly assembled.

Attest Harold E. Duffenberger  
(Assistant) Secretary

TOWNSHIP OF PENN  
Lancaster County, Pennsylvania

By: [Signature]  
(Vice) Chairman  
Board of Supervisors

TOWNSHIP SEAL]

No. February 25 Term, 19 99

## Proof of Publication of Notice

Under Act. No. 587, Approved May 16, 1929

State of Pennsylvania,  
County of Lancaster

SS:

.....I, W.J. Burgess..... of the County and State aforesaid, being duly sworn, deposes and says that the LITITZ RECORD-EXPRESS, a weekly newspaper of general circulation published at Lititz, County and State aforesaid, was established in 1877, since which date said weekly newspaper has been regularly issued in said county, and that a copy of the printed notice or publication is attached hereto exactly the same as was printed and published in the regular editions and issues of said weekly newspaper on the following dates, viz:

February 25, 1999

Affiant further deposes that he/she is ..... General Manager ..... duly authorized by the said LITITZ RECORD-EXPRESS, a newspaper of general circulation, to verify the foregoing statement under oath, and also declares that affiant is not interested in the subject matter of the aforesaid notice or advertisement, and that all allegations in the foregoing statement as to time, place and character of publication are true.

### COPY OF NOTICE OR PUBLICATION

Notice is hereby given that the Board of Supervisors of the Township of Penn, Lancaster County, Pennsylvania, at its regular public meeting on Monday, March 8, 1999, at 7:00 p.m., prevailing time, at the Penn Township Municipal Building, 97 North Penryn Road, Manheim, Pennsylvania shall consider, and subsequently, if appropriate, at that meeting or at a subsequent public meeting held within 60 days of the date of publication of this advertisement, shall enact an ordinance, the caption of which is as follows:

AN ORDINANCE TO AMEND THE PENN TOWNSHIP ON-LOT SEWAGE DISPOSAL SYSTEM ORDINANCE TO REVISE THE REQUIREMENTS CONCERNING MAINTENANCE OF ON-LOT SEWAGE DISPOSAL SYSTEMS AND TO REVISE PENALTIES AND REMEDIES.

The proposed ordinance may be summarized as follows. Section 1 amends Section 7 of Ordinance No. 2-1992, the Penn Township On-Lot Sewage disposal System Ordinance (the "OLDS Ordinance") to add new subscriptions concerning maintenance of denitrification systems, systems where there are recorded agreements governing maintenance, and community sewage systems. Section 2 of the proposed ordinance amends Section 8 of the OLDS

Check or Money Order  
The Lititz Record Ex  
Rear 22 E. Main St., P.O. Box 366, L  
Phone 626-2191 FAX 717  
OPEN Monday thru Friday 8 A.M.

Sworn and subscribed to before me this 15th

day of March 1999

Notary Public

My commission expires

JOAN G. YOUNG, Notary Public

Ephrata, Lancaster Co.

My Commission Expires July 12, 2001

**TOWNSHIP OF PENN**  
**LANCASTER COUNTY, PENNSYLVANIA**

---

ORDINANCE NO. 2001 - 01

---

AN ORDINANCE OF THE TOWNSHIP OF PENN, LANCASTER  
COUNTY, PENNSYLVANIA, PROVIDING FOR THE INSTALLATION  
OF PRIVIES AND ESTABLISHING PROCEDURES FOR THE USE AND  
REGULATION THEREOF.

**BE AND IT HEREBY ORDAINED AND ENACTED** by the Board of  
Supervisors of the Township of Penn, Lancaster County, Pennsylvania, as follows:

SECTION 1. PURPOSES. The purpose of this Ordinance is to establish  
procedures for the use and maintenance of existing and new privies designed to receive  
and retain sewage, whether from residential, institutional, or commercial uses. It is  
hereby declared that the enactment of this ordinance is necessary for the protection,  
benefit, and preservation of the health, safety and welfare of the inhabitants of Penn  
Township.

SECTION 2. DEFINITIONS. Unless the context specifically and clearly  
indicates otherwise, the meaning of terms used in this Ordinance shall be as follows:

BOARD -- The Board of Supervisors of Penn Township, Lancaster County,  
Pennsylvania.

DEPARTMENT -- The Pennsylvania Department of Environmental Protection or  
any agency successor thereto.

IMPROVED PROPERTY -- Any property within the Township upon which there  
is erected a structure intended for continuous or periodic habitation, occupancy or use by  
human beings or animals and from which structure sewage shall or may be discharged.

OWNER -- any person vested with ownership, legal or equitable, sole or partial,  
of any improved property located in Penn Township.

PERSON -- any individual, partnership, company, association, corporation, estate,  
trust or other group or entity.



PRIVY -- a watertight receptacle, whether permanent or temporary, which receives and retains sewage where water under pressure or piped waste water is not available and is designed and constructed to facilitate the ultimate disposal of the sewage at another site.

SEWAGE -- any substance that contains any of the waste product or excrement or other discharge from the bodies of human beings or animals and any noxious or deleterious substance being harmful or inimical to the public health, or to animal or aquatic life or to the use of water for domestic water supply or for recreation, or any substance which constitutes pollution under The Clean Streams Law, as amended (35 P.S. 691.1-691.1001)

SEWAGE ENFORCEMENT OFFICER -- The Sewage Enforcement Officer of the Township.

TOWNSHIP -- the Township of Penn, Lancaster County, Pennsylvania.

**SECTION 3. RIGHTS AND PRIVILEGES GRANTED.** The Board is hereby authorized and empowered to undertake within the Township the control of methods of privy use and sewage disposal, sewage collection and the transportation thereof.

**SECTION 4. RULES AND REGULATIONS.** The Board is hereby authorized and empowered to adopt such rules and regulations concerning privies and privy use which it may deem necessary from time to time to effect the purposes herein.

**SECTION 5. RULES AND REGULATIONS TO BE IN CONFORMITY WITH APPLICABLE LAW.** All rules and regulations governing privy installation and use adopted by the Board shall be in conformity with the provisions herein, all other Ordinances of the Township, all applicable laws, and all applicable rules and regulations of administrative agencies of the Commonwealth of Pennsylvania.

**SECTION 6. RATE AND CHARGES.** The Board shall have the right and power by resolution to fix, charge, and collect rates, assessments, and other charges for the administration of this Ordinance.

**SECTION 7. CONDITION OF PRIVY USE.**

- A. No person shall install, use, or permit the installation or use of a privy unless a permit has been obtained from the Township, and no person shall maintain a privy in a manner which does not comply with all requirements of this Ordinance.
- B. The property owner applying for a permit to install a privy shall demonstrate that site and soil suitability testing of the property has been conducted by the Sewage Enforcement Officer and that the property meets the Chapters 71-73 of the Department regulations for the ultimate sewage disposal by an approved on-lot system if water under pressure or piped waste water becomes available to the lot.
- C. At such time that water under pressure becomes available, the property owner must remove the privy and replace the privy with an approved on-lot disposal system.
- D. The conditions of use described in Subsection (B) and (C) above do not Apply:
  - 1. To a privy to be used on an isolated lot which is one acre or larger and is not nor will be served by water under pressure in future.
  - 2. To temporary use of portable retention tanks where their use is proposed at construction sites or at the site of public gatherings or entertainment.
- E. Specific conditions for the use of privies shall be incorporated in the permit application and permit for the proposed use of a privy.

- F. The property owner shall permit the Township to enter upon the lands to inspect the privy for proper operation, maintenance and contents disposal as required by the Township. The Property owner shall additionally arrange with the Township for an annual inspection of the privy for proper operation, maintenance, and content disposal and pay to the Township the fee for such annual inspection as established by the Board of Supervisors by ordinance or resolution. The Township shall retain written inspection reports which shall be available for review by the Department.

**SECTION 8. EXCLUSIVENESS OF RIGHTS AND PRIVILEGES.** The collection and transportation of all sewage from any improved property utilizing a privy shall be done solely by or under the direction and control of the Board in accordance with this Ordinance or any rules and regulations adopted by the Board, and the disposal thereof shall be made only at such site or sites as may be approved by the Department.

**SECTION 9. DUTIES OF IMPROVED PROPERTY OWNER.** The owner of an improved property that utilizes a privy shall:

- A. Maintain the privy in conformance with this or any other ordinance of the Township, the provisions of any applicable law, and the rules and regulations of the Board and any administrative agency of the Commonwealth of Pennsylvania.
- B. Abandon the privy consistent with applicable public health and environmental standards and obtain a permit for and install an approved on-lot sewage disposal system meeting Chapter 73 of the Department's regulations in the event that water under pressure or piped waste water becomes available to the property.
- C. Permit the Township to enter upon lands to inspect the privy for proper operation, maintenance and contents .

**Section 10. VIOLATIONS AND PENALTIES.**

- A. It shall be a violation of this Ordinance to commit or to permit any other person to commit any of the following acts:
1. To install, repair, modify or alter a privy prior to obtaining a permit or in a manner which violates the terms and conditions of any permit.
  2. To misuse or fail to maintain a privy.
  3. To collect, transport and dispose of the contents of a privy or to permit any person to collect, transport, or dispose of the contents of a privy in violation of the conditions of a permit, this Ordinance, or the regulation of the Department.
  4. To fail to abandon a privy consistent with applicable Department standards if water under pressure becomes available.
  5. To place false information on or omit relevant information from an application for a permit.
  6. To fail to comply with any other provision of this Ordinance.
- B. For each violation of the provisions of this Ordinance, the owner, agent or contractor performing construction upon a lot where such violation shall exist, and/or the owner, agent, lessee, or contractor or any other person who commits, takes part in, or assists in any such violation shall be liable on conviction thereof in a summary proceeding to pay a fine of not less than two hundred (\$200.00) dollars not more than one thousand (\$1,000.00) dollars for each offense, together with the cost of prosecution. Each day or portion thereof which a violation exists shall be considered a separate violation of this Ordinance, and each Section of this Ordinance which is violated shall be considered a separate violation. In default of payment of such fine, such person shall be liable to imprisonment for a period not exceeding thirty (30) days.

**SECTION 11. ABATEMENT OF NUISANCES.** In addition to any other remedies in this Ordinance, any violation of Sections 7, 8, and 9 above shall constitute a

nuisance and shall be abated by the Township by either seeking mitigation of the nuisance or appropriate equitable or legal relief from a court of competent jurisdiction.

**SECTION 12. REPEAL.** All Ordinances or resolutions or part of Ordinances or resolutions, insofar as they are inconsistent herewith, be and the same are hereby repealed.

**SECTION 13. SEVERABILITY.** If any sentence, clause or part of this Ordinance is for any reason found to be unconstitutional, illegal or invalid, such unconstitutionality, illegality or invalidity shall not affect or impair any of the remaining provisions, sentences, clauses, sections, or parts of this Ordinance. It is hereby declared as the intent of the Board of Supervisors of Penn Township that this Ordinance would have been enacted had such unconstitutional, illegal or invalid sentence, clause, section or part thereof not been included therein.

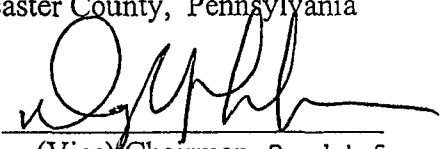
**SECTION 14. EFFECTIVE DATE.** This Ordinance shall become effective five (5) days after its enactment as provided by law.

DULY ORDAINED AND ENACTED THIS 26th day of February 2001, by the Board of Supervisors of Penn Township, Lancaster County, Pennsylvania, in lawful session duly assembled.

TOWNSHIP OF PENN

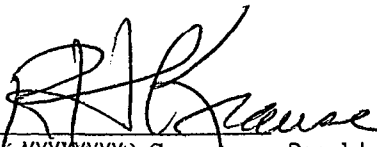
Lancaster County, Pennsylvania

By:

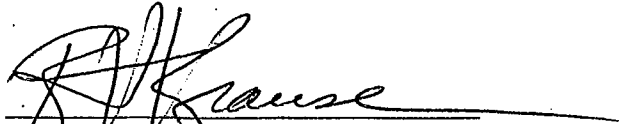
  
(Vice) Chairman, Daryl Lefever  
Board of Supervisors

(seal)

Attest:

  
(Assistant) Secretary, Ronald Krause

I hereby certify that the foregoing is a true and correct copy of an Ordinance duly adopted at a legally constituted meeting of the Board of Supervisors of Penn Township held on February 26, 2001, at which time a quorum was present and voted in favor thereof.

  
\_\_\_\_\_  
Ronald H. Krause, Secretary



# Penn Township

## Newsletter

### BOARD OF SUPERVISORS

Chairperson - J. Scott Shank  
Vice Chairperson - Daryl J. Lefever  
Secretary/Treasurer - Ronald H. Krause

### PLANNING COMMISSION

Chairperson - Dennis Shelly  
Vice Chairperson - David E. Geib  
Secretary - Michael Longenecker  
Member - Mervin Brandt, Jr.  
Member - Kenneth Horst

### ZONING HEARING BOARD

Chairperson - Gerald F. Quinn  
Vice Chairperson - Frank Smolar, Jr.  
Secretary - James H. Shreiner

### BOARD OF AUDITORS

Chairperson - J. Meredith Miller  
Member - Nancy P. Auker  
Member - Diane Barnett

### SEWAGE ENFORCEMENT

#### OFFICER

Amos F. Miller II

### WATER & SEWER

#### AUTHORITY

Chairperson - Robert Tucci  
Vice Chairperson - Ted Vaughan  
Assistant Sec/Treas - Edward Arnold  
Secretary - David McCracken  
Member - Larry Heistand

### CHIEF OF POLICE

Larry E. Snively

### CONSTABLE

Joseph J. Knable

### ROADMASTER

Daryl J. Lefever

### Township Manager

Thomas S. Ernhart

### Office Secretary

Amy J. Minnich

A Publication for the Residents of Penn Township  
Fall 2002



## Recreation Plan Adopted

On September 23, 2002, the Board of Supervisors adopted the Comprehensive Recreation, Parks, Open Space and Greenway Plan for the Manheim Central Region. The plan was developed over the past several years by the Manheim Borough, Penn and Rapho Townships and the School District to assist the Manheim Central Recreation Commission (MCRC) in expanding and improving its parks and to offer a wider range of programs.

Specifically, for Penn Township, the plan calls for the development of four (4) neighborhood parks to be located within the growth areas of the Township. The Recreation Plan calls for two(2) parks to be located south of Manheim Borough, one on the eastside of the Borough and another in the Village of Penryn. A number of trail connections have also been identified to provide pedestrian access throughout the park system. MCRC will be responsible for the scheduling and maintenance of all new parks proposed within this plan.

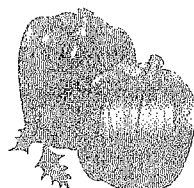
For Manheim Borough and Rapho Township, the Recreation Plan calls for a site plan to be developed to better utilize Logan/Mummau Park and a larger new community park within the "Development Triangle" of Rapho Township.

The Recreation Plan also states that MCRC should offer new or expand existing recreation programs to promote greater participation among the residents of the region. The plan also offers recommendations for the types of new programs that could be offered.

For more information on the Recreation Plan, please contact the Township office.

## Burning Ban Lifted

The Burning Ban has been lifted! Penn Township has a new burning ordinance that places restrictions on location and type of materials that can be burned. Copies of this ordinance can be found on the township's web site at [www.penn.co.lancaster.pa.us](http://www.penn.co.lancaster.pa.us).



## Trick or Treat

Countywide Trick or Treat Night is set for Thursday, October 31, 2002 from 6:00 p.m. to 8:00 p.m.





## Water & Sewer Department

This summer has been definitely one of the driest on record for this area. This unfortunate drought condition will most likely continue for some time, unless a tropical storm gets lost and happens to wander through Penn Township. The other possibility that has some greater negative aspects is the event of some early snows. OH! It is TOO early to talk about the remotest possible chance of snow! Pardon me! What was I thinking! But it looks as though we are going to have to live with the water use restrictions for some time to come. There has been no greater source of confusion than the current water restrictions unless it is the different interpretations that the various public agencies furnish to clarify what the state agency said initially.

What can we do? Conserve as much of your water as possible! Cooler temperatures will help to modify the sun's impact on the outdoor plants and lawns. Get a plastic barrel *with the top still on* and allow a downspout to fill the barrel when ever a brief rain does occur. This will begin to create a reservoir for you and with the lid still in place, help to minimize the potential for the West Nile Virus.

## On-lot Sewage Disposal Systems

Would you buy a car and then never change the oil during the entire time you own the vehicle? Of course not. Yet most owners of on-lot sewage disposal systems treat their systems that way; rarely, if ever, checking to ensure the system is operating correctly. Most homeowners wait until something goes wrong with their septic system before taking any action. This is the same as driving a car until it runs out of oil and then having to replace the engine. Regular maintenance will insure good performance and increase the life expectancy of your on-lot sewage disposal system. Regular maintenance includes:

- ✓ Having the septic tank pumped every three years or, more often, as recommended by your tank cleaner/inspector or by the Township Sewage Enforcement Office (SEO)
- ✓ As part of your routine pumping, having your system inspected for any damaged parts and having damaged parts replaced if necessary.
- ✓ Diverting all surface water away from the on-lot disposal system.
- ✓ Clearing obstructions such as tree roots that may disturb the piping associated with your on-lot sewage disposal system.
- ✓ Repairing any leaky plumbing.
- ✓ Considering installing water conservation equipment in your home such as: low-flow showerheads, water dams in toilets, faucet aerators, and waterless or low-water toilet systems.

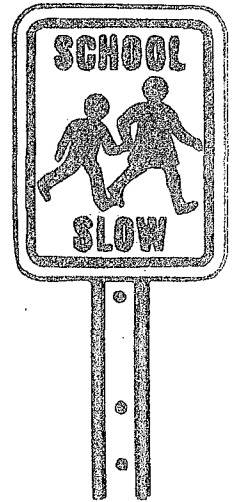
If you are interested in more techniques on how to maintain your on-lot sewage disposal system properly or access a listing of local commercial septage system companies please, contact Tom Ernharth, Township Manager at (717) 665-4508.

# POLICE DEPARTMENT



## Meeting or Passing School Buses Using Red Flashing Signals

This is the time when people on the roadways need to be reminded of the school buses and the laws that govern the red signals the buses use. We need to allow for extra time in the mornings and the afternoons when the school buses are out on the street to pick up or deliver children in the township. We want to see the children arrive safely at school in the morning and at their homes in the afternoon. Remember that a school bus driver may report to the police anyone that proceeds past a stopped school bus while the flashing red signals are activated. It is then the duty of the police officer to follow up with an investigation.

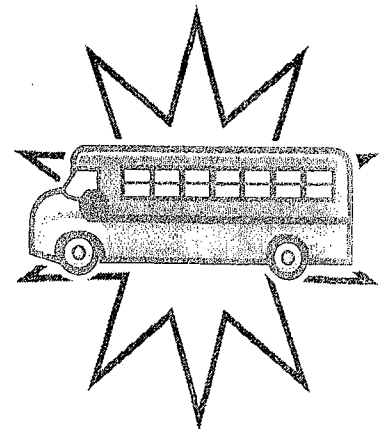


The penalty, for proceeding past a school bus with the flashing red signals and the stop control arm activated will be a fine of one hundred dollars (\$100.00) plus a sixty (60) day suspension of their operating privileges.

Please be aware when approaching a school bus with amber flashing lights. This is an indication that the school bus is approaching a school bus stop. Amber lights should not be activated no more than three hundred (300) feet nor less than one hundred fifty (150) feet prior to making a stop for the purposes of receiving or discharging school children. Once the red signals are activated, the drivers approaching and following the school bus shall keep a minimum distance of ten (10) feet from the stopped school bus. At NO TIME shall a driver resume motion until the school children have reached a place of safety and the red lights are deactivated.

One question that arises from drivers is when do they need to stop in accordance with the road configuration? A simple answer to this question is, if there is no center divider or the roadway is not divided into two separate lanes of travel, then vehicles need to stop in both directions. (ie. a concrete jersey barrier or grass medial strip)

Let us all try to remember to allow ourselves extra time and be aware of school bus operations, while we are going to and from our destinations. Any unsafe conduct witnessed at a school bus stop should be reported to the police, so safe roadways can be maintained for both drivers and students.



# Holiday Hospitality Tour of Homes 2002

The Womens Club of Manheim proudly announces the 5th annual Holiday Hospitality Tour of Homes on Sunday, December 8, 2002, from 2-6 p.m. The Holiday Tour committee, co-chaired by Womens Club members Kelly Lauver and Angie Hesson, has been busy planning for this years festive occasion.

This year, eight beautiful homes will be featured on the tour, highlighting the various creative, architectural, and historical tastes of the owners. The homes featured on this years tour will be located in the Manheim Borough and its immediate vicinity, with styles ranging from traditional to contemporary. Also, The Keiffer Museum and Carriage House will be open during the Tour for visitors to experience a unique glimpse into Manheims history.

Added attractions to this years Tour will include a house-decorating contest a business-decorating contest, and a table-setting contest. Cookbooks and posters will be for sale at the High School. Light refreshments will also be served.

One cannot help but get excited about experiencing the holiday spirit while touring these beautifully decorated homes in the Manheim area. The tour has been a huge success since its debut in December of 1997. Visitors of the Tour not only attract residents of Manheim, but also include visitors from throughout Lancaster County.

Tickets can be purchased for \$10.00 from any Womens Club member or participating Manheim area businesses, beginning mid-October through December 7th. Tickets will also be available the day of the Tour for \$12.00.

Bring your friends and family members to this wonderful event, which greatly benefits the people of our community. For additional information, please contact Kelly Lauver at 665-4235 or Angie Hessen at 665-4386.



## Home Improvement Program

### REDEVELOPMENT AUTHORITY OF THE COUNTY OF LANCASTER

150 N Queen St., Suite 110  
Lancaster, PA 17603-3562

Phone: (717) 394-0793

Fax: (717) 394-7635

Web Address

<http://www.lchra.com>

Are you tired of trying to repair your home on your own? Cannot afford to keep up? The Lancaster County Redevelopment Authority can help. We offer 0% interest loans to low to moderate income home owners who reside in Lancaster County outside the Lancaster City limits. Applicants can receive up to \$35,000.00 in home repairs made by a qualified contractor. A lien is placed on the homeowners property and no monthly payments are required. Loans are not due until the home is sold, or deed is transferred.

Interested homeowners can call the Redevelopment Authority and ask for the Loan Administrator at 394-0793 between the hours of 8:00 a.m. and 4:30 p.m.

# Penn Township

97 North Penryn Road

Manheim, PA 17545

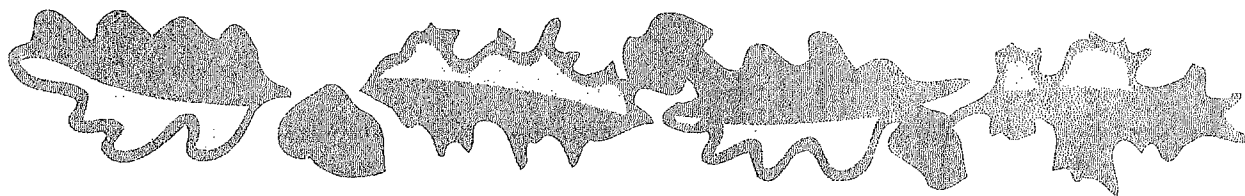
Phone: (717) 665-4508

Fax: (717) 665-4105

Email: [penntwsp@dejazzd.com](mailto:penntwsp@dejazzd.com)

Website: [www.penn.co.lancaster.pa.us](http://www.penn.co.lancaster.pa.us)

PRSRT STD  
US POSTAGE  
PAID  
LANCASTER PA  
PERMIT NO. 472



## *Penn Township Meeting Schedule*

### **Board of Supervisors**

2nd & 4th Monday, 7:00 p.m.

10/15/02, 10/28/02, 11/12/02, 11/25/02, 12/9/02, 12/23/02

### **Planning Commission**

1st Monday, 7:00 p.m.

10/7/02, 11/4/02, 12/2/02

### **Zoning Hearing Board**

2nd Wednesday, 7:30 p.m.

10/9/02, 11/13/02, 12/11/02

### **Northwestern Lancaster County Authority**

3rd Monday, 7:00 p.m.

10/21/02, 11/18/02, 12/16/02

### **Manheim Central Recreation Commission**

2nd Thursday, 7:00 p.m.

10/10/02, 11/14/02, 12/12/02

## *Important Phone Numbers*

### **Penn Township Offices**

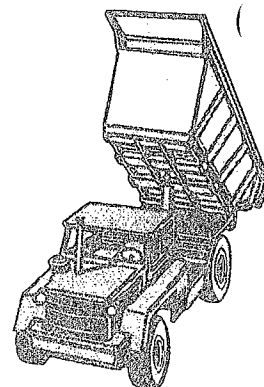
Municipal Offices	665-4508
Water & Sewer	665-7676
Police Department	665-6959
District Magistrate - John Winters	665-4525

### **Manheim Central School District**

District Office	665-3422
Business Office	665-9751
Tax Office	665-3101
High School	665-2451
Middle School	665-2246
Doe Run Elementary	665-9766
H. C. Burgard Elementary	665-2209
Stiegel Elementary	665-6836
Elm Tree Elementary	653-1670
Mastersonville Elementary	665-5740
Sporting Hill Elementary	665-3720

# ROAD DEPARTMENT

The Road Crew is winding down their road projects for the year. It has been a very productive year with a number of roads upgraded and made safer. As we move toward winter, we have put together Snow Removal Guidelines that will help us do a better job. In addition to the 63 township road miles we have added Mountain Road and Temperance Hill Road to our winter maintenance responsibilities.



The Township is divided into areas in which particular pieces of snow removal equipment are used. The major collector streets and roads are attended to first, followed by residential streets. This priority order is based on identifying primary accesses, emergency response needs, and school bus routes. Local streets in a development, particularly cul-de-sac streets, are plowed after primary streets have been cleared. The local streets carry the least amount of traffic and must be cleared after the main roads are cleared. The Township is aware that your street is important to you and will make every effort to clear all roads and streets as quickly and safely as possible. Each property owner can also assist the Township in providing an improved level of service by following these suggestions:

- 1) One of the most important ways to assist the Township is by not parking vehicles in cul-de-sacs or narrow streets. Plows cannot get into a turn around when cars are parked on the street. Please keep your vehicle off the street until the street has been completely cleared off.

**NOTE:** Residents are reminded that the Township has a general policy for snow removal, however, each storm event may change our approach. Salt material is spread on the roads at the start of a storm and when snow starts to accumulate the Township, in most cases, will plow the street two separate times. The first time will be to clear an access to the primary roads and the second pass will push the snow back to the edge of the road or street. This is done to provide clearance on the street and to insure an adequate area to plow snow in the event of an additional storm.

- 2) If possible, wait until the street is plowed before clearing the end of your driveway.

- 3) **NEVER SHOVEL SNOW ONTO THE STREET.** Snow shoveled onto the street or road causes a hazard by freezing and causing bumps in the roadway. Be a good neighbor and shovel snow away from the street and sidewalk, if you have one.



- 4) For safety reasons, shovel out fire hydrants if they are located on your property.

- 5) Motorist need to have a greater awareness of Township vehicles cindering and plowing snow. The Township vehicle is performing an emergency operation and motorists should not interfere or impede the plow in anyway. In the course of clearing a road or street, the Township vehicle may behave in unexpected ways, such as backing and turning around without notice. So please stay back far enough so the drivers can see you in his mirrors.

In an attempt to remove snow from roads plowed snow may damage mailboxes. Wet, heavy snow increases the chance of damage to mailboxes. To reduce the potential of damage make sure your mailbox is secured tightly on a sturdy post. Residents are reminded that damage occurred from plowed snow is the property owners responsibility. The Township Road Crew will make every effort to try and limit the occurrences to mailboxes. Please have a safe and enjoyable winter season!



Township Roadmaster

**TABLE B-1**  
**INDIVIDUAL WELL SAMPLING RESULTS**

<b>SAMPLE NUMBER</b>	<b>TOTAL COLIFORM BACTERIA LEVEL</b>	<b>FECAL COLIFORM BACTERIA LEVEL</b>	<b>NITRATE NITROGEN</b>	<b>WELL TYPE</b>	<b>DATE SAMPLE TAKEN</b>
1	18	ND	1.6	Drilled	5/23/02
2	> 200	ND	1.1	Drilled	5/23/02
3	ND	ND	5.1	Drilled	5/23/02
4	ND	ND	7.9	Drilled	5/28/02
5	62	ND	6.7	Unknown	5/28/02
6	1	ND	5.8	Unknown	5/28/02
7	25	ND	9.7	Drilled	5/22/02
8	ND	ND	5.2	Drilled	5/22/02
9	6	ND	13.0	Unknown	5/22/02
10	> 200	7.0	7.7	Unknown	5/22/02
11	145	9.0	1.3	Drilled	5/22/02
12	ND	ND	13.1	Drilled	5/22/02
13	53	ND	ND	Drilled	5/22/02
14	ND	ND	2.6	Drilled	5/22/02
15	10	ND	ND	Drilled	5/22/02
16	ND	ND	ND	Unknown	5/22/02
17	> 200	ND	ND	Drilled	5/22/02
18	ND	ND	11.0	Unknown	5/22/02
19	ND	ND	1.8	Unknown	5/23/02
20	> 200	ND	1.4	Unknown	5/23/02
21	89	ND	1.5	Drilled	5/23/02
22	145	ND	1.8	Drilled	5/23/02
23	> 200	6	6.1	Drilled	5/23/02
24	118	ND	3.7	Drilled	5/23/02
25	> 200	628	11.8	Unknown	5/22/02
26	ND	ND	13.4	Unknown	5/22/02
27	56	ND	13.3	Unknown	5/22/02
28	ND	ND	ND	Unknown	5/22/02
29	62	4	3.1	Unknown	5/22/02
30	> 200	ND	2.9	Unknown	5/22/02
31	> 200	ND	7.1	Unknown	5/22/02
32	1	ND	2.9	Drilled	5/22/02
33	109	ND	1.5	Drilled	5/22/02
34	25	ND	8.7	Drilled	5/29/02
35	12	ND	ND	Drilled	5/22/02
36	78	ND	ND	Unknown	5/22/02
37	ND	ND	ND	Unknown	5/22/02
38	ND	ND	ND	Unknown	5/22/02



SAMPLE NUMBER	TOTAL COLIFORM BACTERIA LEVEL	FECAL COLIFORM BACTERIA LEVEL	NITRATE NITROGEN	WELL TYPE	DATE SAMPLE TAKEN
39	> 200	12	ND	Drilled	5/22/02
40	11	ND	15	Unknown	5/22/02
41	ND	ND	9.6	Unknown	5/22/02
42	ND	ND	14	Unknown	5/22/02
43	> 200	75	28.3	Dugged	5/22/02
44	8	ND	27.2	Drilled	5/22/02
45	ND	ND	14.8	Unknown	5/23/02
46	> 200	ND	1.0	Drilled	5/23/02
47	1	ND	7.8	Drilled	5/23/02
48	ND	ND	1.6	Drilled	5/28/02
50	1	1	9.2	Unknown	5/23/02
51	ND	ND	8	Drilled	5/23/02
52	1.0	ND	2.2	Drilled	5/23/02
53	14	ND	11.7	Unknown	5/23/02
54	145	ND	16.6	Unknown	5/23/02
55	> 200	ND	11.6	Drilled	5/23/02
56	ND	ND	ND	Unknown	5/23/02
57	ND	ND	6.5	Unknown	5/23/02
58	201	ND	8.7	Drilled	5/23/02
59	> 200	ND	15.2	Unknown	5/22/02
60	25		11.4	Drilled	5/29/02
61	> 200	567	12.3	Drilled	5/22/02
62	> 200	413	14.3	Drilled	5/23/02
63	25	ND	4.2	Drilled	5/23/02
64	70	ND	.7	Drilled	5/22/02
65	ND	ND	3.8	Drilled	5/22/02
66	1	ND	7.9	Drilled	5/22/02
67	ND	ND	5.3	Drilled	5/22/02
68	1	ND	7.8	Drilled	5/22/02
69	ND	2.0	2.1	Drilled	5/22/02
70	ND	ND	.61	Drilled	5/22/02
71	ND	ND	6.0	Unknown	5/22/02
72	4	ND	ND	Drilled	5/22/02
73	ND	ND	2.3	Unknown	5/22/02
74	ND	ND	7.3	Drilled	5/22/02
75	11	ND	5.3	Unknown	5/22/02
76	ND	ND	1.1	Drilled	5/22/02
77	> 200	17	2.1	Unknown	5/22/02
78	ND	ND	3.7	Unknown	5/22/02
79	ND	ND	ND	Drilled	5/22/02

SAMPLE NUMBER	TOTAL COLIFORM BACTERIA LEVEL	FECAL COLIFORM BACTERIA LEVEL	NITRATE NITROGEN	WELL TYPE	DATE SAMPLE TAKEN
80	3	ND	5.2	Drilled	5/22/02
81	649	ND	8	Unknown	5/22/02
82	11	ND	20.2	Drilled	6/10/02
83	> 200	ND	2.1	Drilled	5/22/02
84	165	ND	ND	Drilled	5/23/02
85	ND	ND	ND	Drilled	5/22/02
86	ND	ND	ND	Unknown	5/22/02
87	4	1	21.9	Drilled	5/22/02
88	2	ND	18.1	Unknown	5/22/02
89	165	19	9.3	Unknown	5/22/02
90	21	ND	10.5	Unknown	5/22/02
91	> 200	ND	9.3	Drilled	5/22/02
92	4	ND	3.8	Drilled	5/22/02
93	ND	ND	12	Drilled	5/22/02
94	> 200	ND	2.7	Unknown	5/22/02
95	ND	ND	2.6	Drilled	5/22/02
96	19	ND	15.8	Unknown	5/22/02
97	ND	ND	3.5	Unknown	5/22/02
98	> 200	ND	12.7	Drilled	5/22/02
99	201	97	ND	Unknown	5/22/02
100	29	1	2.6	Drilled	5/23/02
101	47	6	1.9	Unknown	5/22/02
102	ND	ND	ND	Drilled	5/22/02
103	2	ND	3.5	Unknown	5/22/02
104	ND	ND	ND	Unknown	5/22/02
105	4	ND	2.5	Drilled	5/22/02
106	62	ND	10.7	Unknown	5/29/02
107	ND	ND	2.7	Unknown	5/22/02
108	ND	ND	1.2	Drilled	5/22/02
109	> 200	ND	7.9	Drilled	5/29/02
110	14	ND	21.8	Drilled	5/22/02
111	> 200	ND	13.3	Unknown	5/23/02
111	> 200	ND	13.3	Unknown	5/23/02
112	> 200	3	24.5	Unknown	5/23/02
112	> 200	3	24.5	Unknown	5/23/02
113	> 200	ND	8.0	Drilled	5/23/02
114	> 200	ND	4.7	Unknown	5/23/02
115	> 200	ND	3.7	Drilled	5/23/02
116	118	ND	10.2	Drilled	5/23/02
117	ND	ND	6.6	Unknown	5/23/02

SAMPLE NUMBER	TOTAL COLIFORM BACTERIA LEVEL	FECAL COLIFORM BACTERIA LEVEL	NITRATE NITROGEN	WELL TYPE	DATE SAMPLE TAKEN
118	ND	ND	6.7	Drilled	5/23/02
119	9	ND	6.1	Unknown	5/23/02
120	8	ND	9.3	Unknown	5/23/02
121	43	ND	ND	Drilled	5/23/02
121	43	ND	ND	Drilled	5/23/02
123	5	ND	2.7	Drilled	5/23/02
124	3	ND	1.1	Unknown	5/28/02
125	3	ND	3.4	Drilled	5/23/02
126	ND	ND	10.1	Unknown	5/22/02
127	3	ND	6.9	Unknown	5/22/02
128	ND	ND	2.6	Drilled	5/22/02
129	ND	ND	29	Drilled	5/22/02
130	1	ND	3.7	Drilled	5/22/02
131	ND	ND	1.4	Unknown	5/22/02
132	5	ND	6.3	Unknown	5/28/02
133	ND	ND	1.7	Drilled	5/22/02
134	2	ND	ND	Drilled	5/23/02
135	145	ND	1.6	Unknown	5/21/02
136	10	ND	3.5	Drilled	5/21/02
137	ND	ND	1.6	Unknown	5/21/02
138	> 200	7	39.2	Dugged	5/21/02
139	4	ND	6.6	Dugged	5/20/02
140	> 200	17	6.2	Unknown	5/20/02
141	> 200	ND	.21	Unknown	5/20/02
142	11	ND	ND	Drilled	5/22/02
143	1	ND	.27	Drilled	5/20/02
144	4	ND	6.3	Drilled	5/20/02
145	ND	ND	.27	Unknown	5/20/02
146	ND	ND	.28	Unknown	5/20/02
147	1	ND	10.6	Drilled	5/20/02
148	1	ND	7.3	Unknown	5/21/02
149	62	ND	3.6	Dugged	5/21/02
150	2	ND	3.7	Unknown	5/20/02
151	ND	ND	1.1	Unknown	5/20/02
152	48	1	9.5	Unknown	5/20/02
153	> 200	1	3.9	Drilled	5/20/02
154	ND	ND	.59	Unknown	5/20/02
155	ND	ND	.65	Unknown	5/20/02
156	ND	ND	.41	Unknown	5/20/02
157	201	2	18.6	Unknown	5/20/02

SAMPLE NUMBER	TOTAL COLIFORM BACTERIA LEVEL	FECAL COLIFORM BACTERIA LEVEL	NITRATE NITROGEN	WELL TYPE	DATE SAMPLE TAKEN
161	> 200	1,150	4.1	Drilled	5/23/02
163	145	1	ND	Unknown	5/23/02
164	> 200	20	5.1	Drilled	5/23/02
165	> 200	ND	5.1	Unknown	5/23/02
166	4	ND	ND	Drilled	5/23/02
167	ND	ND	5.9	Drilled	5/23/02
168	ND	ND	13.6	Drilled	5/20/02
169	ND	ND	11	Unknown	5/20/02
170	25	2	16.8	Drilled	5/20/02
171	25	2	16.8	Drilled	5/20/02
172	ND	ND	20.4	Drilled	5/20/02
173	83	ND	37.9	Drilled	5/20/02
174	4	ND	25	Drilled	5/20/02
175	9	1	32.7	Unknown	5/20/02
176	ND	ND	23.1	Drilled	5/20/02
177	ND	ND	12.4	Unknown	5/20/02
178	> 200	ND	23.6	Unknown	5/20/02
179	62	1	19.7	Unknown	5/20/02
180	ND	ND	8.6	Drilled	5/22/02
181	ND	ND	7.6	Drilled	5/20/02
182	41	ND	24.5	Drilled	5/29/02
183	4	ND	5.4	Unknown	5/20/02
183	4	ND	5.4	Unknown	5/20/02
184	ND	ND	.85	Drilled	5/20/02
185	74	ND	5.2	Drilled	5/20/02
186	6	ND	4.9	Drilled	5/20/02
187	> 200	79	2.9	Unknown	5/20/02
188	9	ND	10.3	Drilled	5/20/02
189	3	ND	1.4	Drilled	5/22/02
190	11	ND	ND	Drilled	5/22/02
191	53	ND	4.4	Drilled	5/22/02
192	ND	ND	2.5	Unknown	5/22/02
193	ND	ND	ND	Unknown	5/22/02
194	ND	ND	ND	Drilled	5/22/02
195	ND	ND	15.9	Unknown	5/20/02
196	5	ND	6.7	Drilled	5/20/02
197	14	ND	9.1	Drilled	5/20/02
198	> 200	ND	3.7	Unknown	5/20/02
199	29	ND	3.8	Unknown	5/20/02
200	45	ND	4.4	Drilled	5/20/02

SAMPLE NUMBER	TOTAL COLIFORM BACTERIA LEVEL	FECAL COLIFORM BACTERIA LEVEL	NITRATE NITROGEN	WELL TYPE	DATE SAMPLE TAKEN
201	1	ND	3.5	Unknown	5/20/02
202	ND	ND	2.1	Drilled	5/20/02
203	> 200	12	10.2	Unknown	5/20/02
204	ND	ND	11.5	Drilled	5/20/02
205	ND	ND	ND	Unknown	5/23/02
206	ND	ND	4.4	Drilled	5/22/02
207	ND	ND	8.8	Drilled	5/29/02
209	ND	ND	5.7	Unknown	5/20/02
210	14	ND	4.3	Unknown	5/20/02
211	145	14	7.7	Unknown	5/20/02
212	ND	ND	2.1	Drilled	5/20/02
214	> 200	16	5.9	Unknown	5/20/02
215	ND	ND	.84	Drilled	5/20/02
216	ND	ND	5.5	Unknown	5/20/02
217	ND	ND	2.3	Unknown	5/28/02
218	ND	ND	.3	Drilled	5/20/02
219	2	ND	.27	Unknown	5/20/02
220	ND	ND	8.3	Unknown	5/20/02
221	> 200	18	15.6	Drilled	5/20/02
222	11	ND	.92	Drilled	5/20/02
224	ND	ND	ND	Drilled	5/23/02
225	66	11	7.4	Drilled	5/23/02
227	145	1	26.7	Unknown	5/21/02
228	> 200	8	11.6	Dugged	5/21/02
229	ND	ND	ND	Drilled	5/22/02
230	ND	ND	7.6	Unknown	5/28/02
231	ND	ND	5.8	Unknown	5/28/02
232	> 200	1	1.9	Unknown	5/29/02
233	2	ND	2.4	Drilled	5/29/02
234	ND	ND	2.8	Drilled	5/29/02
235	12	ND	5.7	Drilled	5/23/02
236	89	ND	9.7	Drilled	5/23/02
237	ND	ND	9	Drilled	5/23/02
238	> 200	ND	7.2	Unknown	5/23/02
239	1	ND	ND	Unknown	5/23/02
240	34	ND	4.5	Drilled	5/28/02
241	78	ND	2.1	Drilled	5/28/02
242	130	ND	19.7	Drilled	5/28/02
243	ND	ND	1.8	Unknown	5/28/02
244	ND	ND	ND	Unknown	5/28/02

SAMPLE NUMBER	TOTAL COLIFORM BACTERIA LEVEL	FECAL COLIFORM BACTERIA LEVEL	NITRATE NITROGEN	WELL TYPE	DATE SAMPLE TAKEN
247	12	ND	2.9	Drilled	5/29/02
248	2	ND	3.1	Drilled	5/29/02
249	> 200	ND	2.2	Drilled	5/29/02
250	38	ND	ND	Unknown	5/28/02
251	12	ND	6.3	Drilled	5/28/02
252	3	ND	18.4	Drilled	6/10/02
253	53	2	8.3	Unknown	5/29/02
254	16	ND	9.5	Unknown	5/29/02
255	4	ND	6.6	Unknown	5/29/02
256	59	1	9.2	Drilled	5/29/02
257	ND		4.8	Drilled	5/29/02
258	ND	ND	8.0	Drilled	5/29/02
259	ND	ND	11.6	Unknown	5/29/02
260	35	ND	9.4	Unknown	5/29/02
261	5	ND	.97	Unknown	5/29/02
262	15	ND	12.5	Unknown	5/29/02
263	ND	ND	16.5	Unknown	5/29/02
264	ND	ND	7.5	Unknown	5/29/02
265	ND	ND	12.4	Unknown	5/29/02
266	> 200	ND	1.6	Drilled	5/29/02
267	> 200	ND	ND	Drilled	5/29/02
268	1	ND	7.6	Drilled	5/29/02
269	73	1	11.3	Dugged	5/29/02
270	219	ND	2.2	Drilled	5/29/02
271	2	ND	10.6	Drilled	6/10/02
272	ND	ND	3.7	Unknown	5/29/02
273	130	7	3.3	Unknown	5/29/02
274	43	ND	13.2	Unknown	5/29/02
275	6	ND	14.3	Drilled	5/29/02
276	30	ND	3.4	Drilled	5/29/02
277	4	ND	.62	Drilled	5/29/02
278	726	12	18.6	Unknown	5/29/02
279	ND	ND	23.2	Unknown	6/10/02
280	> 2419	ND	.41	Unknown	5/29/02
281	1730	37	3.7	Drilled	6/10/02
284	ND	ND	7.9	Drilled	6/10/02
286	> 2419	49	16	Unknown	6/10/02
287	122	78	13.1	Drilled	6/10/02

**PROOF OF PUBLICATION NOTICE IN**

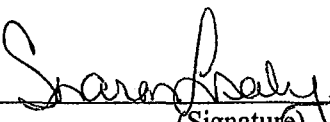
State of Pennsylvania}  
   } ss:  
 County of Lancaster}

Sharon L. Daly of the County and State aforesaid, being duly sworn, deposes and says that the Intelligencer Journal-New Era a daily newspaper of general circulation published at Lancaster, County and State aforesaid, was established 1794-1877 since which date said daily newspaper has been regularly issued in said county, and that a copy of the printed notice or publication is attached hereto exactly the same as was printed and published in the regular editions and issues of said daily newspaper on the following dates, viz:

20<sup>TH</sup> DAY OF MAY 2003

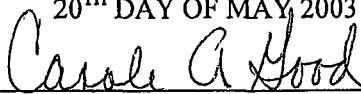
Affiant further deposes that she is the Billing Clerk duly authorized by the Lancaster Newspapers, Inc., a corporation, publisher of said Intelligencer Journal-Lancaster New Era-Sunday News a newspaper of general circulation, to verify the foregoing statement under oath, and also declares that affiant is not interested in the subject matter of the aforesaid notice or advertisement and that all allegations in the foregoing statement as to time, place and character of publication are true.

**NOTICE**  
 Notice is hereby given that the Board of Supervisors of Penn Township, Lancaster County, Pennsylvania proposes to adopt its Sewage Facilities Plan for the Township pursuant to Act 537 of 1964, as amended (Act 537 Plan) following a 30-day public comment period, hereby established. The Plan includes an analysis of sewage disposal methods currently in use, limitations for on-lot sewage disposal, groundwater characteristics, natural resources, community planning, and sewage disposal alternatives. The selected alternatives of the Plan are as follows: 1.) Upgrade the existing wastewater treatment facility and pumping station no. 3 by 2004; 2.) Extend public sewer into the Hi View and Doe Run Area by 2004; 3.) Extend public sewer into the Penryn Area by 2006; and 4.) Extend public sewer into Lexington Road Area by 2013. Individuals interested in reviewing a copy of the Plan may do so at the Penn Township Building during normal business hours (Monday through Friday 8:00 AM to 4:00 PM). The public may mail written comments on the proposed Act 537 Plan to the Penn Township Board of Supervisors, 97 Penryn Road, Manheim, PA 17345 during the 30-day public comment period which shall commence on Wednesday, May 21, 2003 and terminate on Friday, June 20, 2003.

  
 (Signature)

**COPY OF NOTICE OF PUBLICATION**

Sworn and subscribed to before me this  
 20<sup>TH</sup> DAY OF MAY 2003

  
 Notary Public

My commission expires

**NOTARIAL SEAL**  
**CAROLE A. GOOD, NOTARY PUBLIC**  
**LANCASTER, LANCASTER CO., PA**  
**MY COMMISSION EXPIRES FEB 25, 2006**




**PROOF OF PUBLICATION NOTICE IN**

State of Pennsylvania }  
                                  }ss:  
County of Lancaster }

Sharon L. Daly of the County and State aforesaid, being duly sworn, deposes and says that the Intelligencer Journal-New Era a daily newspaper of general circulation published at Lancaster, County and State aforesaid, was established 1794-1877 since which date said daily newspaper has been regularly issued in said county, and that a copy of the printed notice or publication is attached hereto exactly the same as was printed and published in the regular editions and issues of said daily newspaper on the following dates, viz:

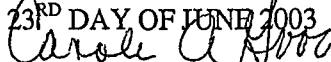
16<sup>TH</sup> AND THE 23<sup>RD</sup> DAY OF JUNE 2003

Affiant further deposes that she is the Billing Clerk duly authorized by the Lancaster Newspapers, Inc., a corporation, publisher of said Intelligencer Journal-Lancaster New Era-Sunday News a newspaper of general circulation, to verify the foregoing statement under oath, and also declares that affiant is not interested in the subject matter of the aforesaid notice or advertisement and that all allegations in the foregoing statement as to time, place and character of publication are true.

  
( Signature )

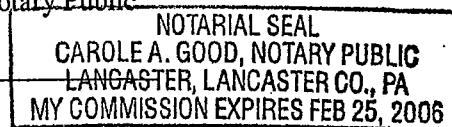
**COPY OF NOTICE OF PUBLICATION**

Sworn and subscribed to before me this

23<sup>RD</sup> DAY OF JUNE 2003  


Notary Public

My commission expires



NOTICE  
Notice is hereby given that the Board of Supervisors of Penn Township, Lancaster County, Pennsylvania will conduct a public hearing on the proposed Act 537 Sewage Facilities Plan for the Township. The public hearing will be held at the Doe Run Elementary School 281 Doe Run Road, Manheim, Pennsylvania on Monday, June 30, 2003 at 7:00 p.m. The Plan includes an analysis of sewage disposal methods currently in use, limitations for on-lot sewage disposal, groundwater characteristics, natural resources, and community planning. The selected alternative of the Plan is the extension of public sewers to the Hi View Development, the Village of Penryn and the Lexington Road/Fruitville Pike areas of the Township. Prior to the meeting, individuals interested in reviewing a copy of the Plan may do so at the Penn Township Building during normal business hours. If unable to attend the public hearing, written comments on the proposed Act 537 Plan may be mailed to the Penn Township Board of Supervisors, 97 North Penryn Road, Manheim, PA 17545.

# APPENDIX C:

COMMENTS RECEIVED ON  
THE DRAFT PLAN

## Contents

1. June 30, 2003 and September 30, 2003 Public Hearing Resident's Comments
2. July 8, 2003 letter from Township Manager indicating the Township Planning Commission recommending approval of the draft 537 Sewage Facilities Plan
3. April 21, 2003 Lancaster County Planning Commission Memo in regards to the draft 537 Plan
4. May 12, 2003 follow-up Lancaster County Planning Commission's comments

**Penn Township  
Act 537 Plan Meeting Minutes**

**June 30, 2003**

**7:00 p.m.**

**Resident Comments:**

Keeta Cole, 218 Audry Drive, Lititz

- When was the sewer system tested?
- Rettew stated soils in Hi View Area are poor; who is the soil expert?
- If the testing of wells is purely scientific, then the contaminated wells should be retested in 3 days.
- The 1992 township ordinance, Mandatory Pumping, was never followed up by the township. In fact the Township Manager just found out about it. If the ordinance meets the DEP requirements then just enforce the ordinance right now instead of the Act 537 Plan.
- In the Hi View Area the fecal colliform/total colliform, looks like it is only coming from the farm.
- In talking with Township Manager, there is no plan for public water service to ever come out to the Hi View Area.

Kenneth Olenderski, 209 Audry Drive, Lititz

- I feel we need further explanation, if the reason you are bringing public sewer out to Hi View has to do with fecal colliform; there are only 4 homes with fecal colliform in the Hi View Area, 2 of the homes being along Doe Run Road.
- Only fecal colliform should be considered as a pollutant, not total colliform and nitrates because they are caused naturally.
- Act 537 Plan seems like it has already been decided and the most important part of this is process is the public opinion which has been left out until now. I surveyed some residents in Hi View and have signatures of 58 property owners who do not want public sewer and only 4 property owners who want public sewer.
- According to PA Act 537 #3 regular pumping of septic tanks will increase the long term use of the systems. The ordinance 2-1992 can accomplish this goal. The residents of Hi View are in favor of pumping every other year. Hi View has the lowest percent of water quality problems compared to 70.6% in Penryn Area and 75% in Lexington Area. Why Hi View now?
- People of Hi View need to be convinced and the township needs to spend more time on the Act 537 Plan.
- Final comments: Targeting a small island completely surround by farmland bringing public sewer in will threaten the farmland for development. Hi View area is not in the township's growth area; cost is inappropriate, take the public sewer where growth is going to occur. 58 of 62 Hi View Residents have signed to request the township to go slow, work with us, and consider extensive use of 1992 ordinance, Mandatory Pumping.

Dennis Kulp, 590 Doe Run Road

- Is running a ½ mile public sewer line through newly agricultural preserved farmland a good thing?
- I feel it is irresponsible to run public sewer with out public water, if public health is the real concern.
- The township should guarantee a back up of newly approved septic systems.
- The Mobile Home Park's septic system that is in violation and discharging in to the streams, should be brought up to spec, that is a better solution.

- The year 2002 was an unusual year with the drought. The sampling of wells during a year with low levels of water can concentrate on the nitrates.
- The last Act 537 Plan was in 1988 and is suppose to be done every 10 years.
- The well sample results would be very different if they were done when there is not a drought. Use a normal year to do well testing.

Don West, 566 Hi View Drive, Lititz

- I can use my toilet but I cannot drink my water because of bacteria. Are the results picking up readings as the water goes through the septic tank?
- Worried about health of people and quality of water, bring public water and not public sewer.

Jim Cullen, 207 Audry Drive, Lititz

- 2 years ago had septic systems problems and upgraded my system. I talked with the township then and was told it would be years down the road. Here we are only 2 years later.
- The Veterans Administration required the homeowner before we bought the property to install an ultra violet light and a water softener. I test my water once a year. With having a water softener that regenerates 75 gallons of water every 3 days, will I be charged by the gallon for usage?
- Stalite system or Community System should be use to service the Mobile Home Park to cut down on the cost.
- The cost to have public sewer to the property owner is 5 to 6 thousand dollars for the plumber to go from the house to the street to tie in and that does not considered the \$3,600 tap in fee charged by the township at the time of hook up.
- The township should focus on the growth areas in the township like the Lexington Area and Penryn Area while the interest rates are low. It would make more sense to start with the growth areas instead of Hi View where there is no more development going to take place.
- The current homeowners who have problems with their septic systems should get help from water and sewer department at the township.

Jim Bamberger, 551 Hi View Drive, Lititz

- Agriculture areas have low ground water table, are we spraying water over trees to replenish the ground water at the treatment plant?
- In Honeybrook in 1920's wells were contaminated, they used a Mandatory pumping system that worked for 50 years before the public sewer system.
- A way to get people to pump their septic system is to charge \$500.00 if they do not show a receipt of having their septic system pumped.
- Reasonable Man Test – Mobile Home Park should be required to fix the treatment of sewage on sight. The residents of Hi View do not want to help out someone's personal business.
- Making 99 tap in fees is not necessary in Hi View.

Linda Landis, 213 Audry Drive, Lititz

- Where is the rest of the 2 million dollars coming from?

James Eckman, 563 Hi View Drive, Lititz

- What is the charge for public sewer?

Richard Moate, 220 Audry Drive, Lititz

- When I test my well after the public sewer is installed will the water be drinkable?
- How long does it take to come back to what it was? The cost benefit ratio is zero, meaning there is no progress on the problem.
- What is DEP drinking water standard? Why not build a water plant for 3.2 million dollars instead of a public sewer system and eliminate the pressure on the agriculture land surrounding Hi View?

Mike Keller, 1169 East Meadow Road, Manheim

- To repair a septic cost 11 to 12 thousand dollars, but with a public sewer system you are guarantee no problems and clean drinking water.
- Drain fields do not last forever.
- You will have health problems if there is no room for an on lot replacement system
- If Hi View does not want public sewer bring it to Penryn.

Mike Pesarchick, 207 Andrea Drive, Lititz

- 14.5 million dollars to provide public sewer for all of Penn Township.
- Roughly 2,000 houses in Penn Township, if only 500 systems need to be repair it is costing the Township \$29,000. Taxes will have to go up.
- Instead township should put money into a repair fund and give money to help people fix the systems with problems. Create a Penn Township Super Fund = \$120.00 a quarter.

Jim Cullen, 207 Audry Drive, Lititz

- Focus on area in the township that are going to be developed and that need it.
- Give Hi View more time to work with Supervisors. Listen to Ken Olenderski and Melvin Moore's plans.
- Cheaper for Hi View later; get the developers now.

Scott Crowell, 590 Hi View Drive, Lititz

- Look at past results from Hi View.
- If you pretend the Mobile Home Park did not exist, would you still have the same recommendations?
- Are you going to do metrics after this public sewer system is in, to see if this worked to solve the problem of the quality ground water?
- There are approximately 400 people in Hi View creating bacteria versus all the cows, chickens, and horses surrounding Hi View. I think the animals win and they impact the quality of water more by the end of the day than the people of Hi View.

Melvin Moore, 208 Audry Drive, Lititz

- Disagree with Rettew Associates – Why do Hi View residents have to deal with the Mobile Home Park's problem. Make the Mobile Home Park deal with their problem which is zoning issues do not burden the Hi View residents.
- The tested ground water quality data that was used was a merged report.
- Why are the Hi View residents required to hook up if the Mobile Home Park got public sewer? Only 4 wells are contaminated and 2 of the 4 homes are on Doe Run Road.

Keeta Cole, 218 Audry Drive, Lititz

- Does DEP determine the violation with the Mobile Home Park? Who enforces the violations?

- Rettew stated that septic systems prior to 1972 are likely to fail. Homes in Hi View are newer than that.

Jim Crawford, 581 Hi View Drive, Lititz

- Who gives a permit to allow treated human waste to be spread on fields? Can that cause ecoli?
- Could the water test results showing ecoli/colliform be caused by this treated human waste trucks applying to farmers fields?

Bill Ambler, 1427 Jerry Lane, Manheim

- Could we put more capacity in the Manheim Borough public sewer system because it is only 1 ½ miles apart?
- Should this be looked into and is it worthwhile reconsidering?

Joe Jeckel, 559 Hi View Drive, Lititz

- Where do we go from here? Timeline and other public meetings to be held?

**Penn Township  
Act 537 Plan Meeting Minutes**

**September 30, 2003 7:00 p.m.**

**Resident Comments:**

Diane Berlin, 1439 Jerry Lane

- Questioning the way the water samples were taken because of the drought conditions?  
A couple of different samples should be taken all at the same time.
- What is the source of the pollution?
- Why public sewer without public water?
- Public sewer is not going to change the water quality

Doug Wilson, 671 Walnut Drive

- Coliform is coliform, is produced by many things whether human or animals
- 78% of the systems are potentially good.
- The Penryn Road Retirement Community development is that included in the plan?  
Where will the system connect?
- Tap in fees are a one time fee?
- What is an approximate cost of hook up?
- Why is public sewer coming so fast? 2005 not 2007
- Why not begin with Penryn Phase II first?
- Putting public sewer in place will not clear up contaminated water.

Thomas Hopson, 1480 Jerry Lane

- 70% fail to meet DEP standards. When public sewer is installed, what does the 70% become?
- How long does the result take?
- Will pumping stations affect near by private wells?

Scott Martin, 683 Walnut Drive

- The Penn Township SEO officer is the toughest in all of Lancaster County, so maybe another SEO should take a look at the records
- Repairs are considered a problem. If I replace a pump to my sand mound, that is a pump problem not a sand mound problem.
- I have 2 properties in Penryn, both system have been inspected and are working good.  
Are the systems actually tested or are these reports from guessing or driving by?
- Public sewer will do nothing to help the water quality problem
- How did the Act 537 plan compare to the 1988 Act 537 Plan?
- The water should be metered instead of a flat rate charge?
- Can we treat farms to get rid of the manure?

Dick Martin, 1229 Newport Road

- A DEP driven program has no plan to retest the wells?
- DEP mandates the program and do not care if it works?
- Do you have plans to require financial help for the residents who need it?



John Ruoss, 1279 Karen Avenue

- Can you tell me the number of house affected for each of the following areas, Penryn Phase I, Penryn Phase II, and Lexington?
- What is the quarterly amount for public sewer?

James Shriener, 1608 Newport Road

- Water quality is the basic problem, we need public water first and then follow up with public sewer.
- Public sewer cannot guarantee good drinking water
- Address water quality first.

Thomas Schrocengost, 1095 East Meadow Road

- Why not bring public water and public sewer at the same time like other areas?
- The township could put water lines in at the same time they put public sewer lines in.

Nancy Ambler, 1427 Jerry Lane

- What is the minimum amount of action to be in compliance with the Act 537 Plan?
- Ideally what would the supervisors like to see done with the Act 537 Plan?
- Where does the proposed Act 537 Plan fall between minimum and ideal?

Mike Keller, 1169 East Meadow Road

- Could the township bring water along with sewer and let the community vote for the water lines to be installed with the sewer lines?
- Drain fields do not last forever.

Carolyn Frederick, 1069 Blairton Court

- The mandatory pumping solution instead of paying 7 to 10 thousand dollars for public sewer systems.

RECEIVED

NOV 12 2003

RETTEW ASSO. INC.

# PENN TOWNSHIP PLANNING COMMISSION

97 North Penryn Road  
Manheim, Pennsylvania 17545  
(717) 665-4508 Fax (717) 665-4105  
[www.penn.co.lancaster.pa.us](http://www.penn.co.lancaster.pa.us)  
Email: [Penntwsp@dejazzd.com](mailto:Penntwsp@dejazzd.com)

July 8, 2003

Timothy Staub  
Rettew Associates  
3020 Columbia Avenue  
Lancaster, PA 17603

Ref: Act 537 Sewage Facilities Plan

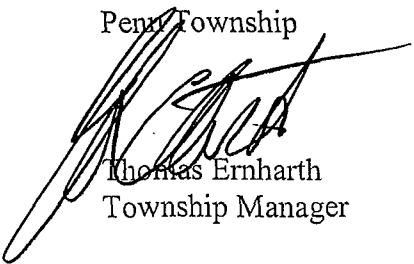
Dear Tim:

At their meeting on July 7, 2003, the Planning Commission recommended that the Draft of the Act 537 Sewage Facilities Plan be approved.

I hope that this is sufficient for your use and if you should have any questions please call.

Sincerely,

Penn Township



Thomas Ernharth  
Township Manager

21 April 2003  
03LU

MEMORANDUM

TO: Lancaster County Planning Commission

FROM: Ronald T. Bailey, Planning Director

SUBJECT: Community Planning File #: 50-55  
Proposed: Wastewater Facilities Plan  
Municipality: Penn Township

The Lancaster County Planning Commission Staff examined the proposed Act 537 Sewage Facilities Plan in accordance with standard planning practice and the Lancaster County and local municipal comprehensive plans.

The proposed Penn Township Act 537 Plan is an evaluation of the wastewater needs in the entire township:

- A. High levels of groundwater contamination have been found throughout the township: 71% of the 287 wells tested were contaminated by nitrate-nitrogen compounds, fecal Coliform, or total Coliform.
- B. Concentrations of contaminated wells and potential, suspected, and known on-lot disposal system malfunctions were found in three wastewater planning districts of the township: Hi View (east of Manheim Borough along Doe Run Road), Lexington (southeast of Manheim along Fruitville Pike), and Penryn (northeast of Manheim to Elizabeth Township). Seventy-four percent of the 761 on-lot disposal systems surveyed reported potential, suspected, or known malfunctions.
- C. Seventy percent of the on-lot system users surveyed indicated they pump their systems more than five years ago or don't know when their systems were last pumped.

- D. An increasing amount of residential development recently, predominantly located within Designated Growth Boundaries, residential zoning districts, and public wastewater service areas.
- E. Large areas containing agricultural operations and natural resources around and in some cases between the existing wastewater conveyance system and the districts to be served.

While the above needs may seem somewhat alarming, the plan proposes to address those needs by:

1. Delineating wastewater service districts for the specific needs in each, Hi View, Lexington, and Penryn.
2. Evaluating 15 alternatives to address the needs of the three wastewater planning districts. One alternative was selected for each district.
3. Producing sound population projections that are within the margin of error of the commission's recent draft population projections. These projections are used to estimate future demand for public wastewater service.
4. Upgrading and expanding the existing township treatment capacity discharge limit from its current 250,000 gallons per day, 260% to 650,000 gallons per day. It is estimated that about 83% (540,000 gallons per day) of the treatment capacity will be needed by existing users, three proposed wastewater planning districts, and pipeline development. The remaining 17% of capacity (110,000 gallons per day) is considered a fairly conservative amount to have available when infiltration and inflow and nonresidential development needs are considered.
5. Separately extending and upgrading public facilities to each of the three wastewater planning districts over the next ten years.

The proposed Hi View and Penryn public wastewater extensions involve placing forcemain wastewater conveyance piping through an area containing prime agricultural land, preserved farms, farm operations, an Agricultural Security Area and a township Agricultural Zoning District. The introduction of public wastewater facilities into an agricultural area is a serious concern. Preserved farms can be attractive to some kinds of residential development. Such residential development would not be sustainable over time as a neighborhood nor with the nearby industrial farm operations.

Planning and zoning are the principal means by which the township guides development and preservation. On the other hand, wastewater facilities are not an appropriate means by which to guide development and preservation. To best guide development and preservation, however, public wastewater facilities need to be coordinated with comprehensive planning and zoning. This way the development can be more efficiently served and the preserved areas can be better protected.

The proposed extension of two forcemain pipes is intended as an efficient means of meeting the public wastewater needs while at the same time protecting agricultural resources. A later, unplanned

connection to a forcemain would be much more expensive for the developer than a connection to a gravity system. The upgrade of a forcemain system would involve improving the limited capacity of the pump station(s) and forcemain pipes involved, so an unplanned connection would be much less feasible, and much less likely than connection into a gravity system through this farm area.

The proposed Penryn Wastewater Planning District includes extending public wastewater facilities northeast from greater Manheim Borough to existing uses that abut a portion of Elizabeth Township. Elizabeth Township contains no public wastewater or water facilities nor designated growth boundaries. It is considered one of only 11 fully rural townships in Lancaster County. Typically in this situation the extension of public wastewater facilities to lands abutting a rural township would be a concern in that it could attract inappropriate urban growth in a rural area. The proposed wastewater facilities extensions in Penryn, Penn Township, however, would be contained to the Penryn Village Growth Area. This is the only place in the Penn Township plan where public wastewater are proposed to be extended to an abutting municipality.

The plan contains clear descriptions and mapping, of topography; wetlands; water features; floodplain; watersheds; soils; geology; groundwater contamination; prime agricultural land; agricultural security areas; preserved farms; agricultural and other zoning; designated growth boundaries; existing wastewater treatment systems; service areas, uses, and needs; public water service areas; pipeline development; and all 15 alternatives. Notably, Map 9, Agricultural Attributes, is the most complete atlas of farm-related features in a wastewater plan that we have seen to date.

The proposed Penn Township Act 537 Sewage Facilities Plan is a well-done analysis and work program for addressing the township's rather substantial wastewater needs.

## CONCLUSIONS

The Staff of the Lancaster County Planning Commission recommends that the following changes be made to the proposed Penn Township Act 537 Plan before it is adopted:

1. The township On-Lot Sewage Disposal Ordinance should be amended to require individual on-lot disposal systems to be inspected and if necessary pumped out, in conformance with state regulations, at least once every three years. Municipalities are required by state regulations to assure the proper operation and maintenance of on-lot systems. Previous, well-intended public education efforts by municipalities produced little improvement in the actual operation of individual on-lot systems.
2. The township should improve its record keeping system for maintenance of on-lot disposal systems so the township knows when each system has been last inspected.
3. The agricultural operations and natural resources located outside of the planning sewer districts should be labeled as "Non-Public Service Areas" to clarify that these lands are not to be served by public facilities without an approved plan amendment. Certainly, however,

individual remedies to malfunctioning systems in the non-public service areas could be accomplished, if warranted, with limited connections to public facilities, if no feasible alternatives are available.

4. The township should continue to improve coordination between the phased development of its designated growth areas with the concurrent expansion of infrastructure. There has been in the last five years at least one development located within the growth area and public wastewater service area that did not connect into the public wastewater system. We all know how much easier and how much more efficient it can be to connect urban development with public facilities when the development is built, rather than later.
5. The public water supplies and any wellhead protection areas should identified in the plan if this can be done in accordance with security requirements. We note that the plan adequately discusses public water service areas and the number of water system users.
6. The plan text should be revised to indicate that all of the alternatives chosen are generally consistent with the county comprehensive plan. The Hi View Sewer Planning District, consisting of 196 existing dwellings, is not located within a designated growth area but it is to be served by public wastewater. The plan states on Page 6-2 that this public wastewater extension outside of the designated growth areas would not be generally consistent with the county comprehensive plan. Yet, public wastewater extensions located outside of designated growth areas to serve existing needs would be generally consistent with the county comprehensive plan if the proposed wastewater extension capacity is limited to serve only the existing need, and agricultural operations and natural resources are protected from unplanned urban development. This protection can be provided by a variety of tools, including but not limited to agricultural conservation easements.
7. The plan should include a priority list of on-lot system choices for applicants to use.

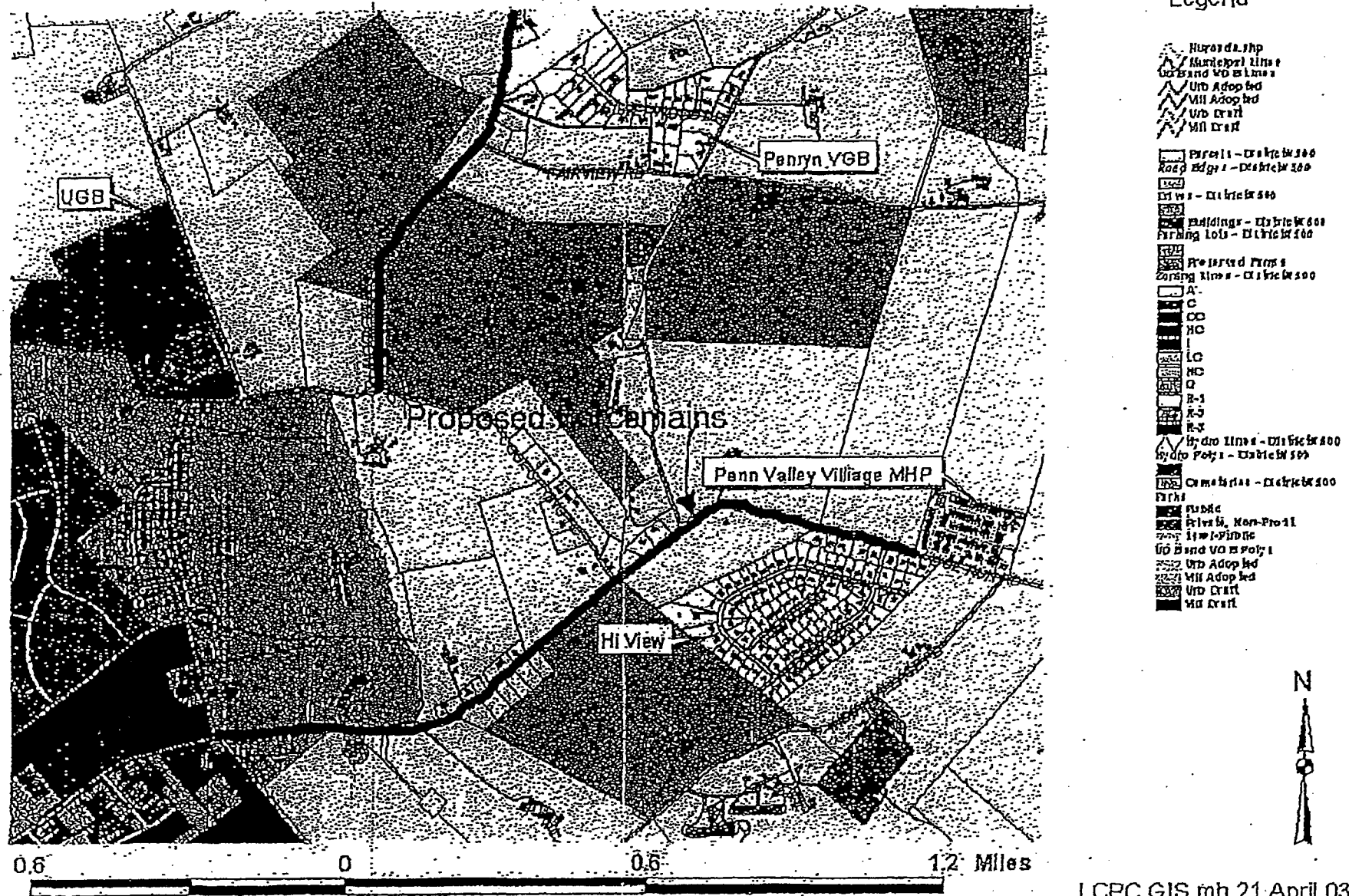
We appreciate the high level of cooperation shown by the township and its consultant, Retrew Associates, Inc. In January 2003, staff of the commission, Lancaster County Agricultural Preserve Board, PADEP, and Pennvest were invited to a preliminary briefing on background findings of the plan. We used this opportunity to discuss some options for the township in addressing its needs before the plan was close to completion and more difficult to adjust. We made some suggestions which were included in the plan.

Mark Hiester, AICP, Planning Analyst, and Julia A. F. Goodman, Community Planner, are the reviewers.

# # # #

MH/JAFG/daz

## Penn Township-Proposed Forcemain Wastewater Pipes





# LANCASTER COUNTY

## LANCASTER COUNTY PLANNING COMMISSION

COUNTY COMMISSIONERS  
PAUL THIBAUT, Chairman  
HOWARD "PETE" SHAUB, Vice-Chairman  
RON FORD

50 NORTH DUKE STREET  
PO BOX 83480  
LANCASTER, PA 17608-3480  
TELEPHONE: 717-299-8333  
FAX: 717-295-3659  
RONALD J. BAILEY  
Executive Director

12 May 2003  
03LM

Mr. Thomas Emharth, Manager  
Penn Township  
97 North Penryn Road  
Manheim, PA 17545

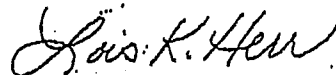
Re: Sewerage Facilities Plan  
Penn Township

Dear Mr. Emharth:

Recently, the Lancaster County Planning Commission reviewed and commented on the township's proposed sewerage facilities plan. I understand that the township invited Julia Goodman and Mark Hiester to be part of several discussions on the plan. They told us that these discussions were very important to their understanding of the waste water and sewerage planning for Penn Township. Additionally, they reported that their contribution to the discussion was considered and included in the draft plan.

On behalf of the commission I wanted to thank the township for its cooperation and willingness to communicate. An important goal of the commission is to provide assistance to municipal governments throughout the county. We know that one way to accomplish this is to continually improve the way we communicate. I hope this interaction with our staff was as beneficial to you as it was to us. The information that was provided to staff was important to their understanding of the issues and this, I believe, is reflected in the staff report to the commission. We appreciate the township's willingness to have us participate early in the process so that we could work toward a mutually acceptable result.

Sincerely,



Lois K. Herr, Chairperson  
Lancaster County Planning Commission

LKH:cag

Executive Committee



# APPENDIX D:

RESPONSE TO COMMENTS  
RECEIVED

## Contents

1. Response to Penn Township resident's comments
2. Response to Penn Township Planning Commission's comments
3. Response to Lancaster County Planning Commission's comments

## PENN TOWNSHIP'S RESPONSE TO COMMENTS RECEIVED ON THE DRAFT PLAN

1. Penn Township did not receive any written comments from the residents of the Township during the required 30 day public comment period.
2. Penn Township's Planning Commission did not have any comments on the draft plan and approved the plan for adoption by the Board of Supervisors.
3. The following is Penn Township's responses to the seven comments received from the Lancaster County Planning Commission from their April 21, 2003 review letter on the draft plan:
  - 1) The township feels the current on-lot management ordinance has been effective in addressing on-lot sewage disposal within the township. Additionally, the township plans to continue its public education on proper on-lot sewage disposal maintenance.
  - 2) See previous response.
  - 3) The Township has been diligent in ensuring that no public infrastructure falls outside either the urban or village growth boundary. All alternatives proposed within this plan, with the exception of the Hi-View alternatives, continue to provide for public infrastructure within the urban and village growth boundaries and maintain on-lot sewage disposal as the chosen alternative for areas outside the urban and village growth boundaries.
  - 4) Through implementation of this plan the Township will provide public sewer infrastructure to the majority of the parcels that fall within either the urban or village growth boundaries. Further, by implementing this plan it will be financially easier for a developer within the urban or village growth boundary to extend a sewer line to their proposed land development if their lot is not serviced by this plan.
  - 5) Due to additional security regulations incorporated after September 11<sup>th</sup> the water supplies and wellhead protection areas were not identified and since they are not required by Act 537 the Township elected not to include as part of this Plan.
  - 6) The plan has been revised based on the Lancaster County Planning Commission's comment.
  - 7) This is not a requirement by Act 537 Plan and the Township felt that because each lot has unique characteristics the Township's Sewage Enforcement Officer (SEO) should be the appropriate entity to provide property owners on-lot system choices.

# APPENDIX E:

## INDIVIDUAL SEWAGE NEEDS SURVEY RESPONSES

### Contents

1. Individual sewage needs survey responses

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_-\_\_\_\_.  
Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: David + Teresa McClracken PHONE: (\_\_\_\_) \_\_\_\_-\_\_\_\_  
ADDRESS: 641 W. Sun Hill Rd

1. How many people live in your house? 4 SEASONAL / ALL YEAR?
2. How large is your lot? 1.1 Acre
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? Solvent  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO  
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? 5 yrs  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

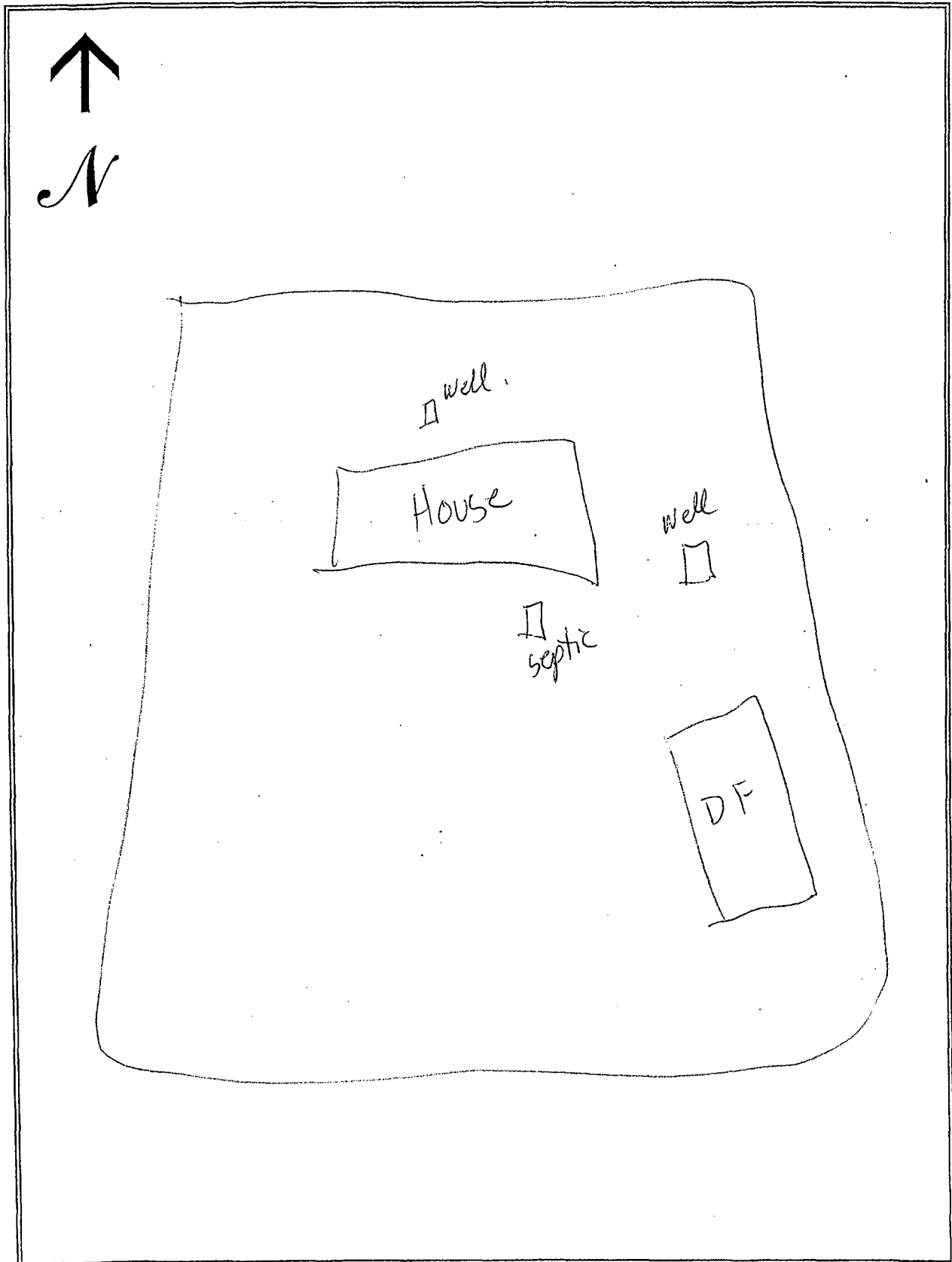
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 23 yrs Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? 2 yrs  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_-\_\_\_\_.  
Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Richard + Martha Myer PHONE: (\_\_\_\_) \_\_\_\_-\_\_\_\_  
ADDRESS: 578 W. Sun Hill Rd.

1. How many people live in your house? 2 SEASONAL / ALL YEAR?
2. How large is your lot? 1.1 Acre
3. Do you have more than one sewage system on your lot? YES or (NO)  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? (WELL?) SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? (YES) OR NO If yes, how? Softener + UV  
If you have a well: Is it DUG or (DRILLED?) How Deep? 300 ft. Cased? YES or NO  
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? (YES) or NO When? 1 yr  
What were the results? Bacteria
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

<u>(SEPTIC TANK)</u>	<u>(INGROUND BED)</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

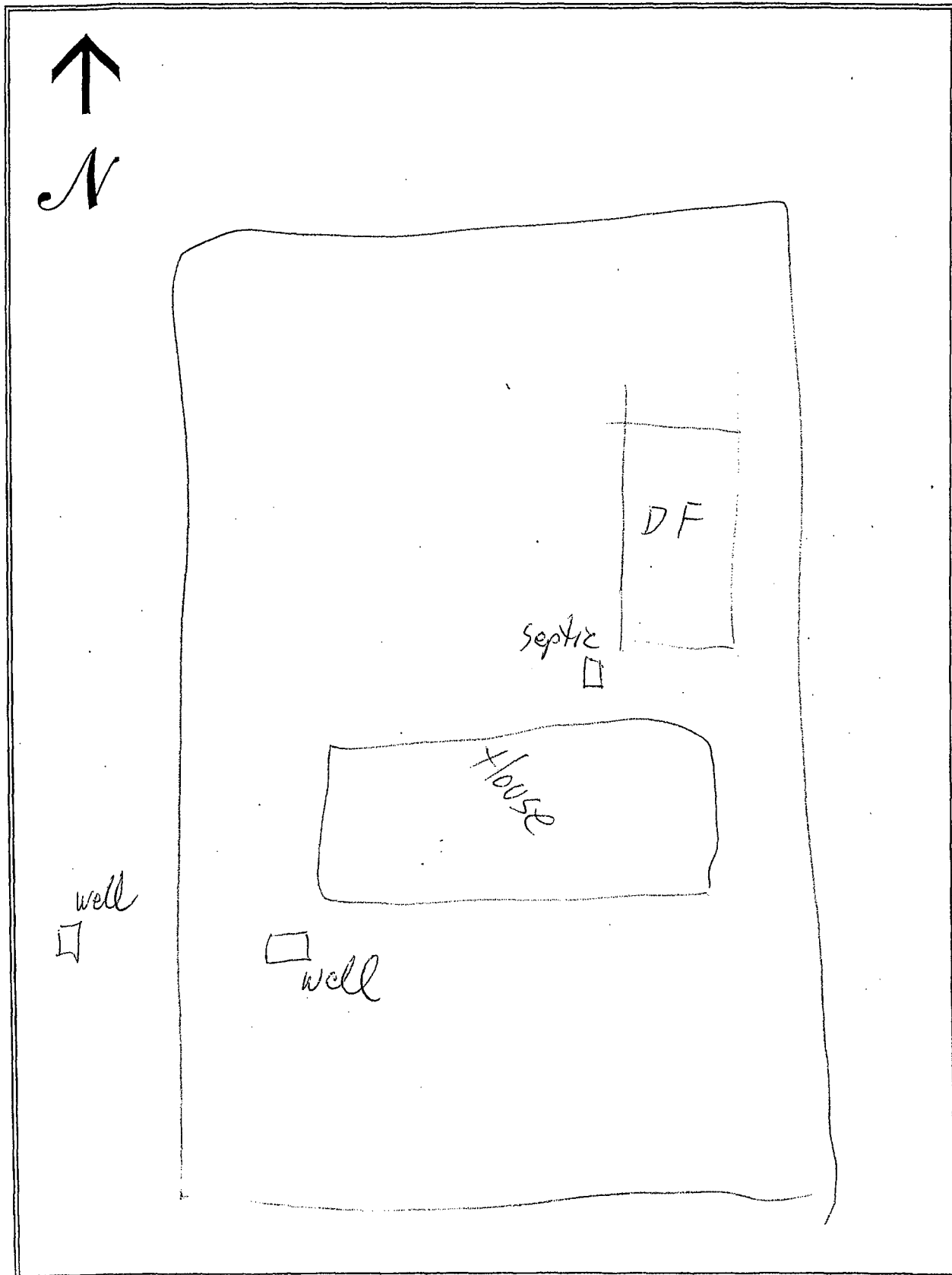
<u>(SEPTIC TANK)</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 24 yrs Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? (YES) or NO How often? \_\_\_\_\_ Last time? 2-3 yrs  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or (NO) When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:



# LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by     /     /     to the municipal office at:

If you have any questions please contact                                  at (     )                         .  
Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Steven + Carol Erk PHONE: (     )        -         
ADDRESS: 448 W. Sun Hill Rd.

1. How many people live in your house? 6 SEASONAL / ALL YEAR?
2. How large is your lot? 5.1 Acre
3. Do you have more than one sewage system on your lot? (YES) or NO  
If yes, explain: 2
4. What kind of water system do you have? (WELL?) SPRING? PUBLIC? OTHER?                           
Do you treat your water? (YES OR NO) If yes, how? Softener  
If you have a well: Is it DUG or (DRILLED?) How Deep?            ft. Cased? YES or NO
5. How far is the well or spring from the drain field            ft. Is well UP/DOWN SLOPE             
Have you every had your water tested? (YES) or NO When? 4 yrs  
What were the results? OK
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

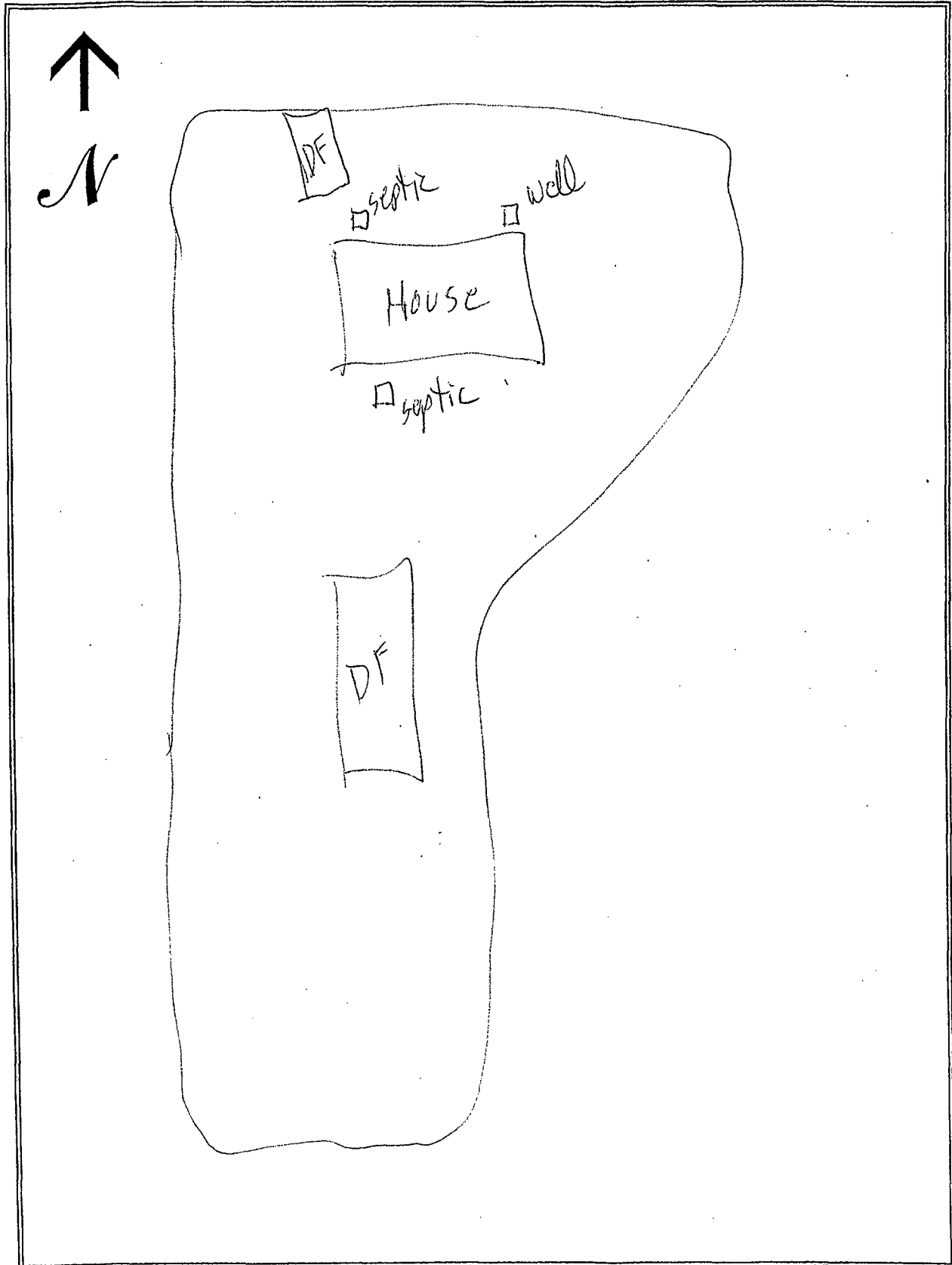
<u>(SEPTIC TANK)</u>	<u>(INGROUND BED)</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER <u>                        </u>	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>(SEPTIC TANK)</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER <u>                        </u>	
9. How old is your system? 55 yrs Was it permitted? Y / N When?
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER <u>                        </u>
11. Was your system every pumped out? (YES) or NO How often?                          Last time? 2 months  
If it was pumped, was it inspected for cracks or broken baffles?
12. Was your system ever repaired? YES or (NO) When?                          By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



PENN (Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by     /     /     to the municipal office at:

If you have any questions please contact                      at (     )           .  
Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Glenn and Melanie Stoltzfus PHONE: (     )        -         
ADDRESS: 1950 N. PENNYN ROAD

1. How many people live in your house? 5 SEASONAL / ALL YEAR?
2. How large is your lot? 1 ACRE
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain:
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER?             
Do you treat your water? YES OR NO If yes, how? WATER SOFTENER  
If you have a well: Is it DUG or DRILLED? How Deep? 10 ft. Cased? YES or NO  
5. How far is the well or spring from the drain field        ft. Is well UP/DOWN SLOPE         
Have you every had your water tested? YES or NO When? April 4 yrs. Ago  
What were the results? CLEAR
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

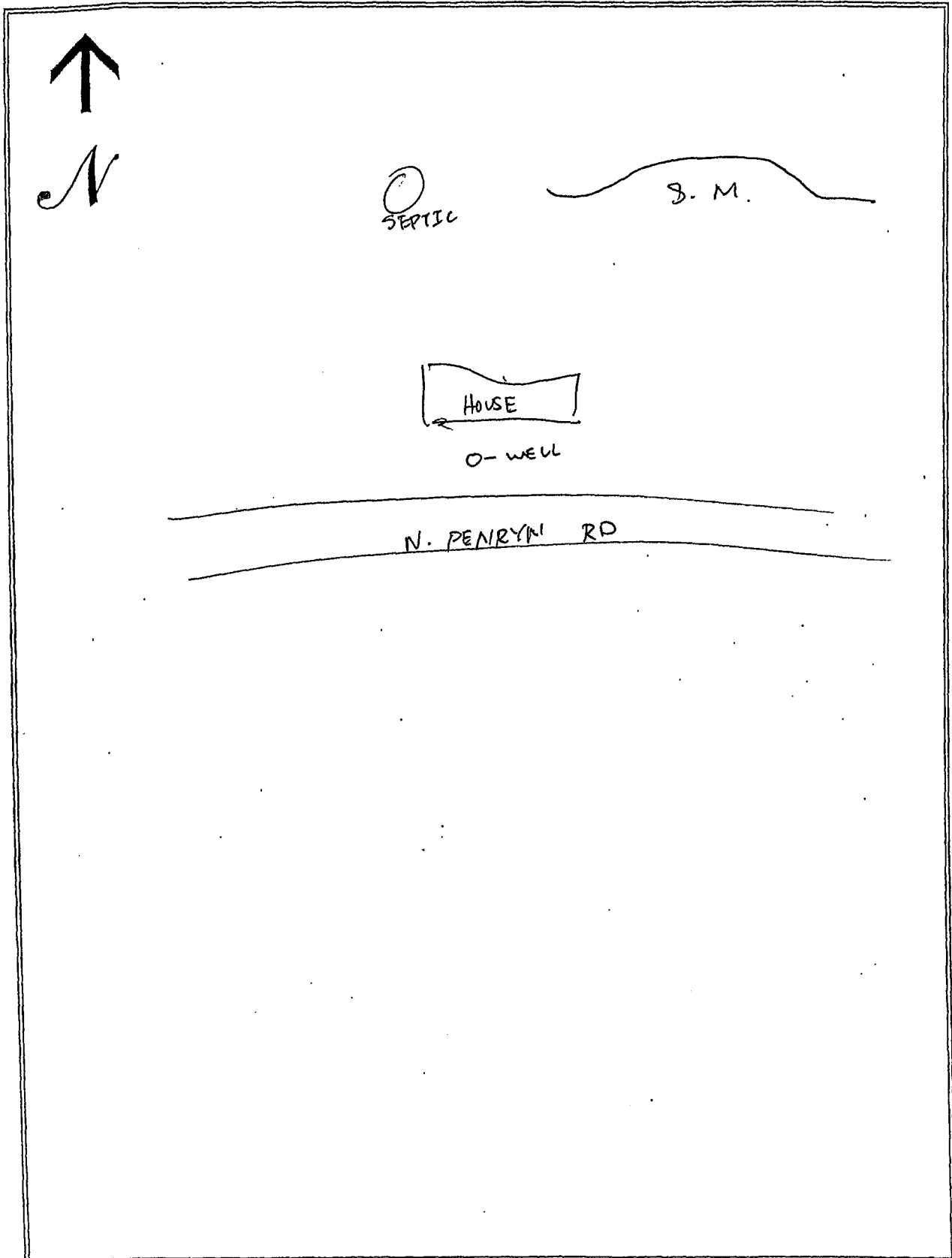
<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	<u>ELEVATED SAND MOUND</u>	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER <u>          </u>	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	<u>ELEVATED SAND MOUND</u>	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER <u>          </u>	
9. How old is your system? 8 yrs. Was it permitted? Y N When?
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS	<u>NONE</u>
ODORS	WATER PONDING OR SURFACING	
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME	
SYSTEM OVERFLOW	OTHER <u>          </u>	
11. Was your system every pumped out? YES or NO How often?            Last time? 2001  
If it was pumped, was it inspected for cracks or broken baffles?
12. Was your system ever repaired? YES or NO When? 2001 By permit? YES NO  
What part was repaired or replaced? MOTOR  
TANK REPAIRED/REPLACED        LINE: REPAIRED/REPLACED        DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of? NO
14. COMMENTS:

# LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



5/28/02

5

PENN (Boro./Twp) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_-\_\_\_\_.  
Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Gregory Myers PHONE: (\_\_\_\_) \_\_\_\_-\_\_\_\_  
ADDRESS: 2303 SCENIC DRIVE

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? \_\_\_\_\_
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)

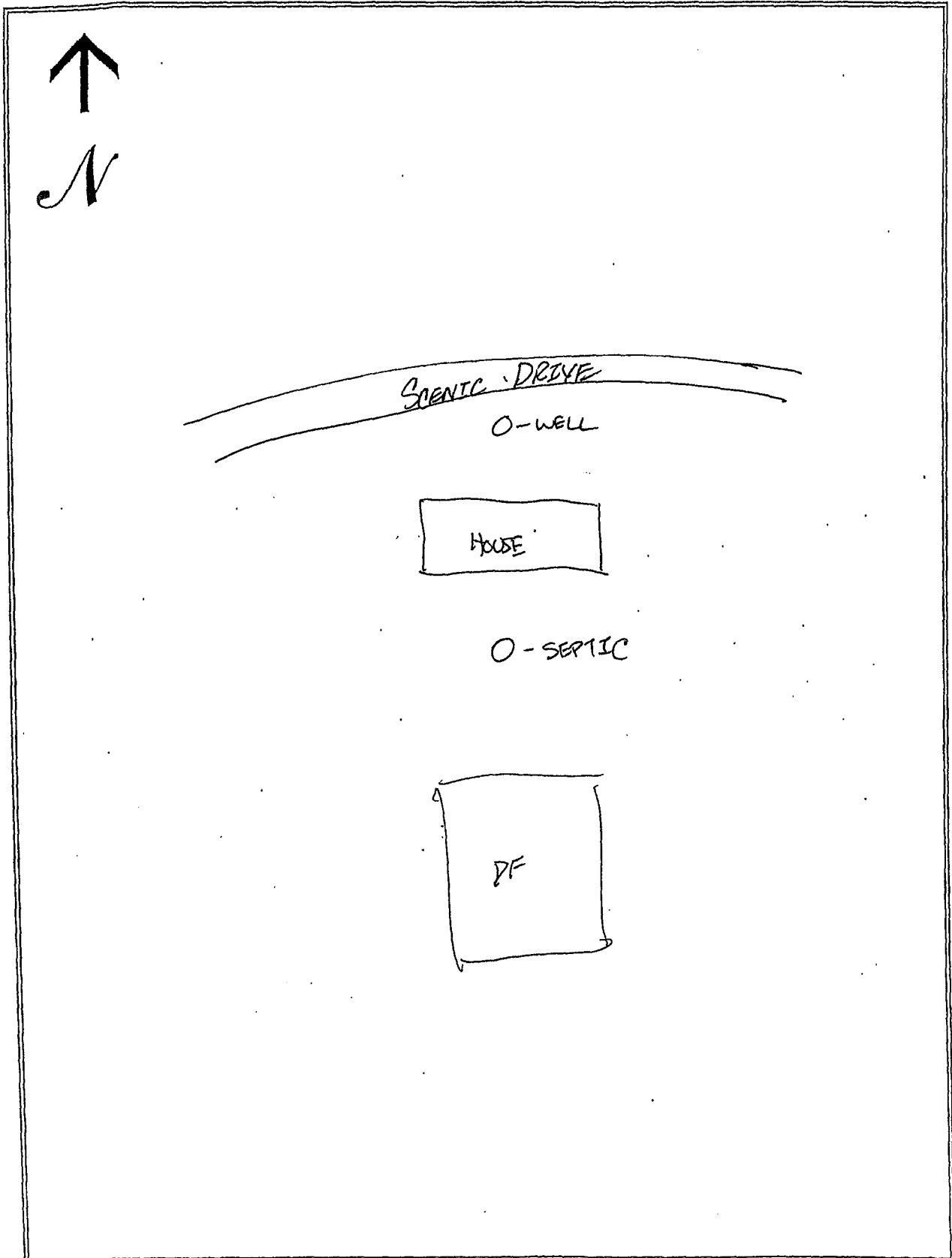
SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS: \_\_\_\_\_

# LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks





5/28/02

6

PENN (Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by      /      /      to the municipal office at:

If you have any questions please contact                      at (      )              .  
Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: GROFF PHONE: (      )      -       
ADDRESS: 2401 SCENIC DRIVE

1. How many people live in your house? 5 SEASONAL / ALL YEAR
2. How large is your lot? 0.5
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain:
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER?               
Do you treat your water? YES OR NO If yes, how?                       
If you have a well: Is it DUG or DRILLED? How Deep?              ft. Cased? YES or NO
5. How far is the well or spring from the drain field              ft. Is well UP/DOWN SLOPE               
Have you every had your water tested? YES or NO When? 1995  
What were the results? FINE
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

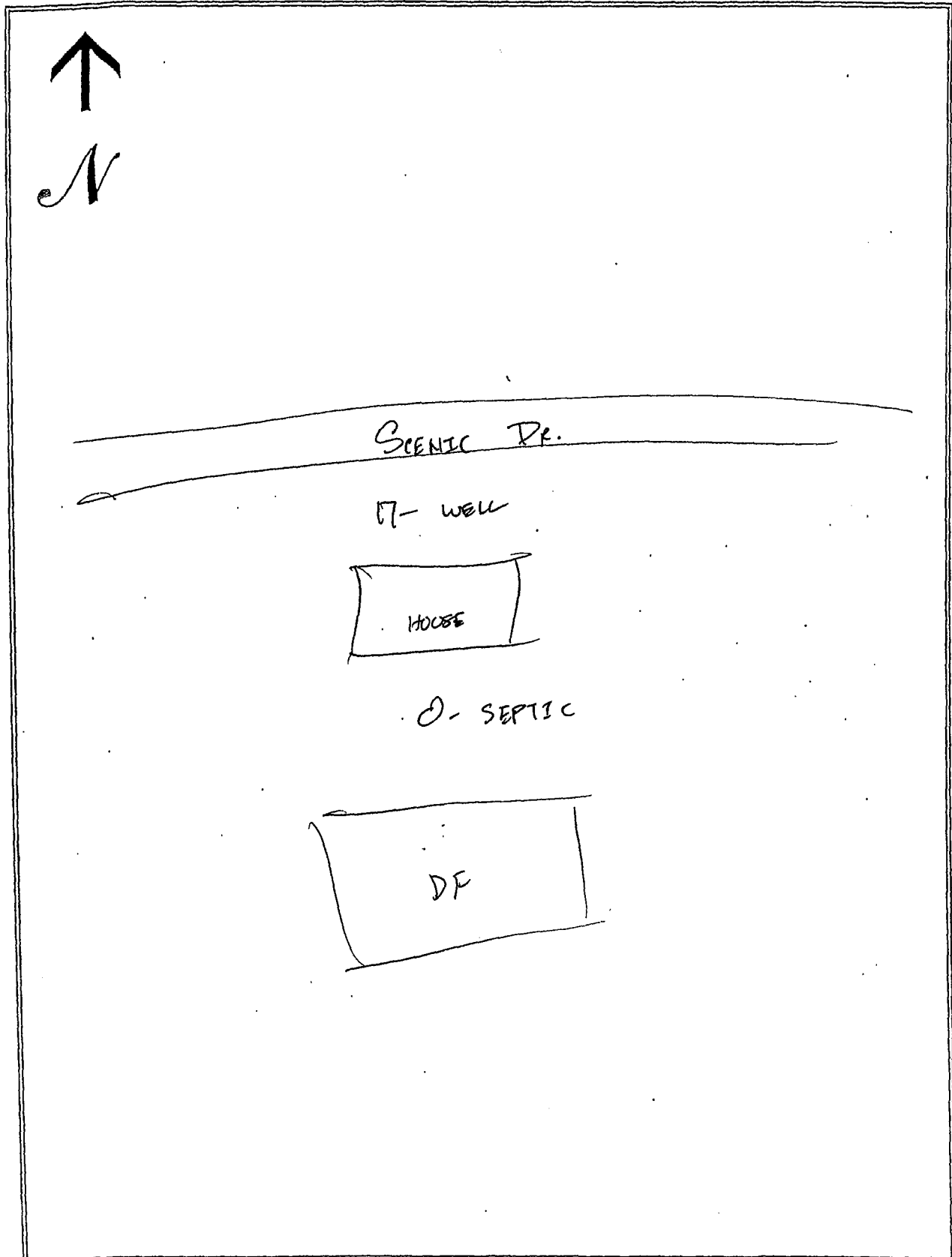
SEPTIC TANK	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER <u>                    </u>	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER <u>                    </u>	
9. How old is your system? 19 Was it permitted? Y / N When?
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS	<u>NONE</u>
ODORS	WATER PONDING OR SURFACING	
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME	
SYSTEM OVERFLOW	OTHER <u>                    </u>	
11. Was your system every pumped out? YES or NO How often? 3 yrs. Last time? 3 yrs.  
If it was pumped, was it inspected for cracks or broken baffles? N/A
12. Was your system ever repaired? YES or NO When? No By permit? YES / NO               
What part was repaired or replaced?  
TANK REPAIRED/REPLACED              LINE: REPAIRED/REPLACED              DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of? No
14. COMMENTS:

LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



\_\_\_\_\_ (Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by    /    /    to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_.  
Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Richard & Gladys Fund PHONE: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_  
ADDRESS: 1275 Temperance Hill Rd

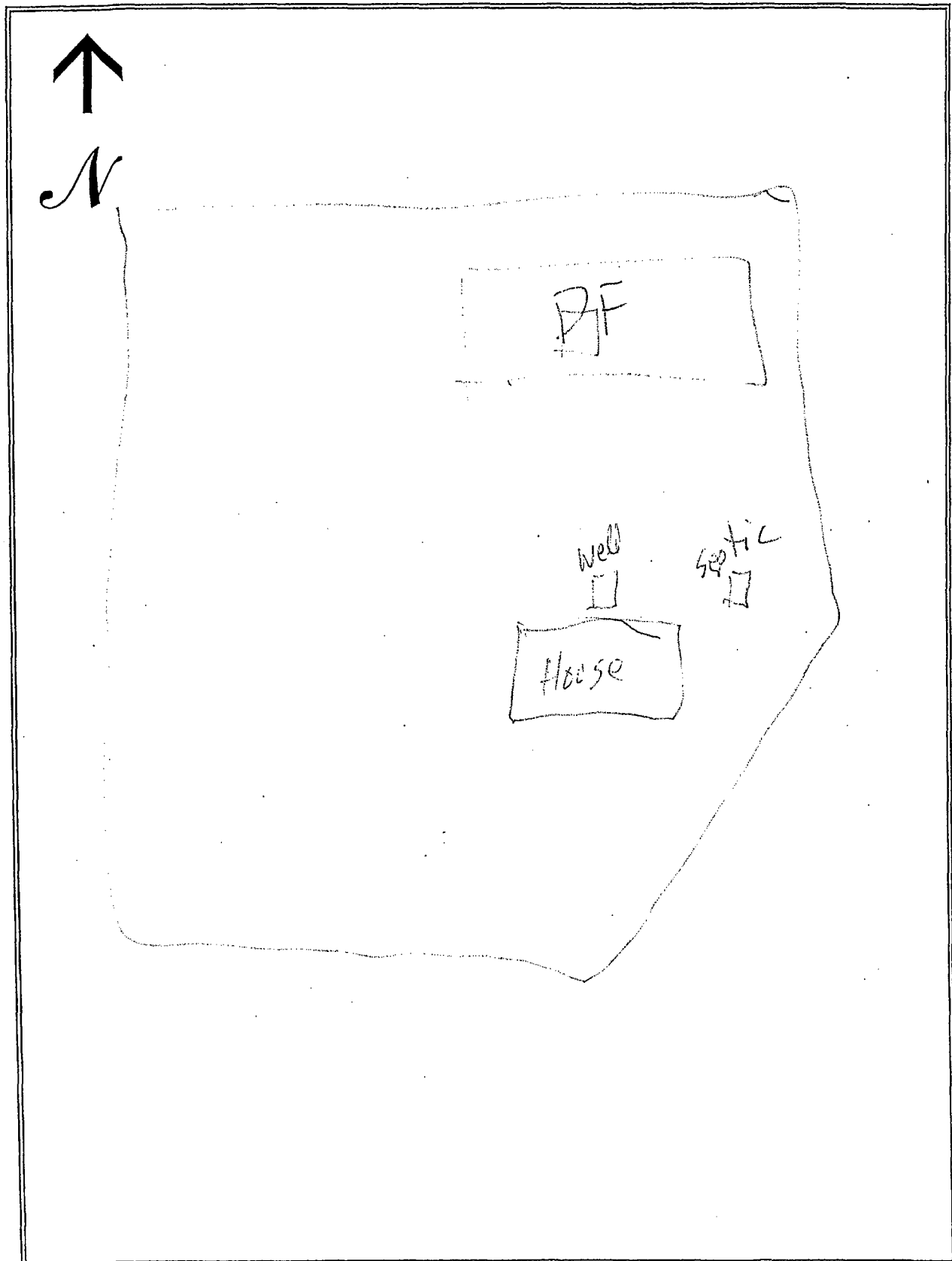
1. How many people live in your house? 2 SEASONAL / ALL YEAR?
2. How large is your lot? 2 Acre
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: 2 miles
4. What kind of water system do you have? WELL SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? Softener  
If you have a well: Is it DUG or DRILLED? How Deep? 500 ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? 2 yrs  
What were the results? fine
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 12 yrs Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

*Items to Include:* tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_-\_\_\_\_.  
Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Claude Hess PHONE: (\_\_\_\_) \_\_\_\_-\_\_\_\_  
ADDRESS: 458 Fruitville Pike

- How many people live in your house? 1 SEASONAL / ALL YEAR?
- How large is your lot? 1.8 Acre
- Do you have more than one sewage system on your lot? YES or (NO)  
If yes, explain: \_\_\_\_\_
- What kind of water system do you have? (WELL) SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR (NO) If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or (DRILLED)? How Deep? \_\_\_\_\_ ft. Cased? YES or NO  
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? (YES) or NO When? 6/2000  
What were the results? Iron + Manganese
- What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

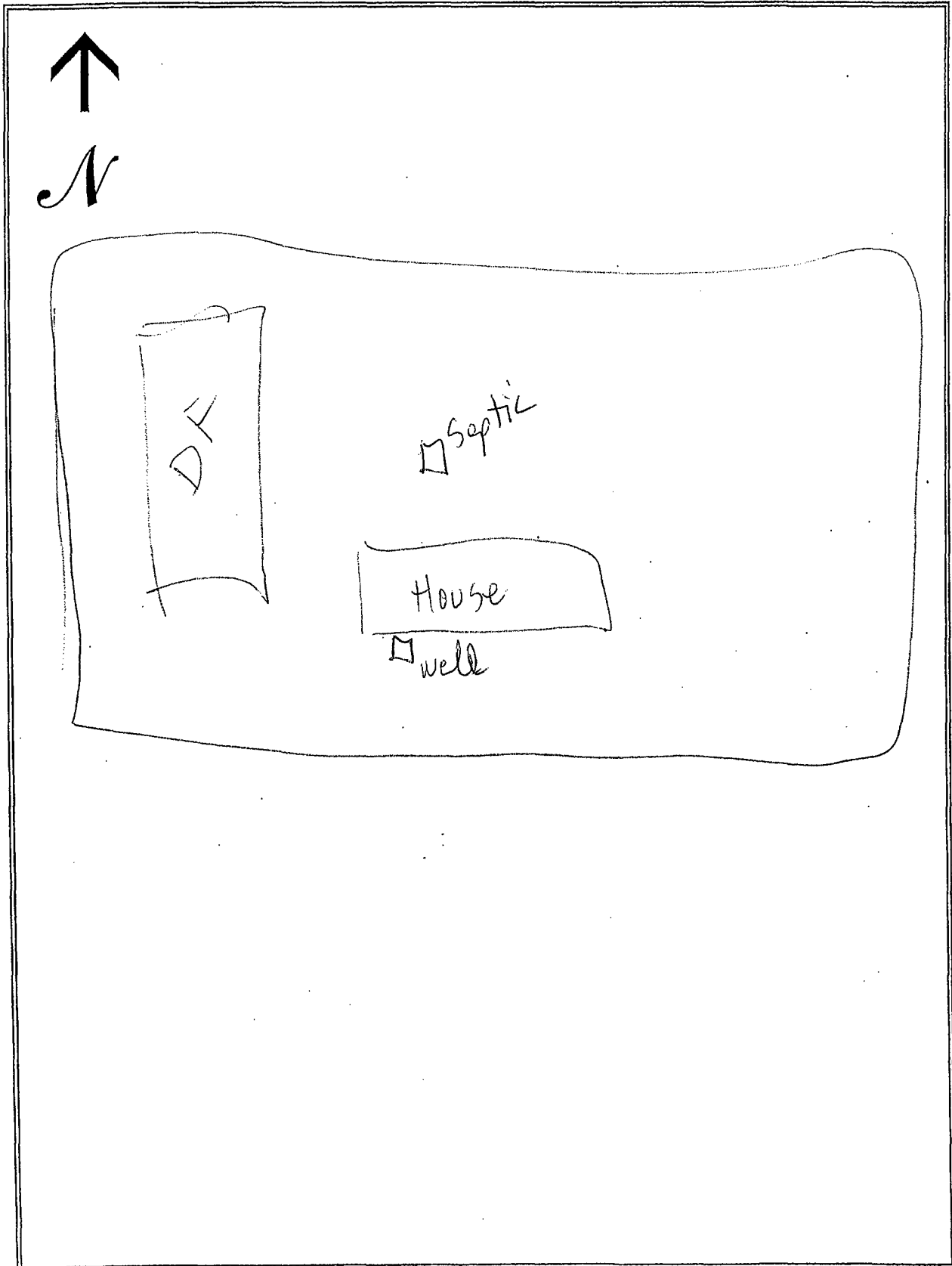
<u>(SEPTIC TANK)</u>	<u>(INGROUND BED)</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
- Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>(SEPTIC TANK)</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
- How old is your system? 40 yrs Was it permitted? Y / N When? \_\_\_\_\_
- Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
- Was your system every pumped out? (YES) or NO How often? \_\_\_\_\_ Last time? 1 yr  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
- Was your system ever repaired? (YES) or NO When? 3 yrs By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
- Are there any other sewage problems you are aware of?
- COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Jan & Barbara Webb PHONE: (\_\_\_\_) \_\_\_\_\_  
ADDRESS: 798 Franklin Drive

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? 3/4 Acre
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

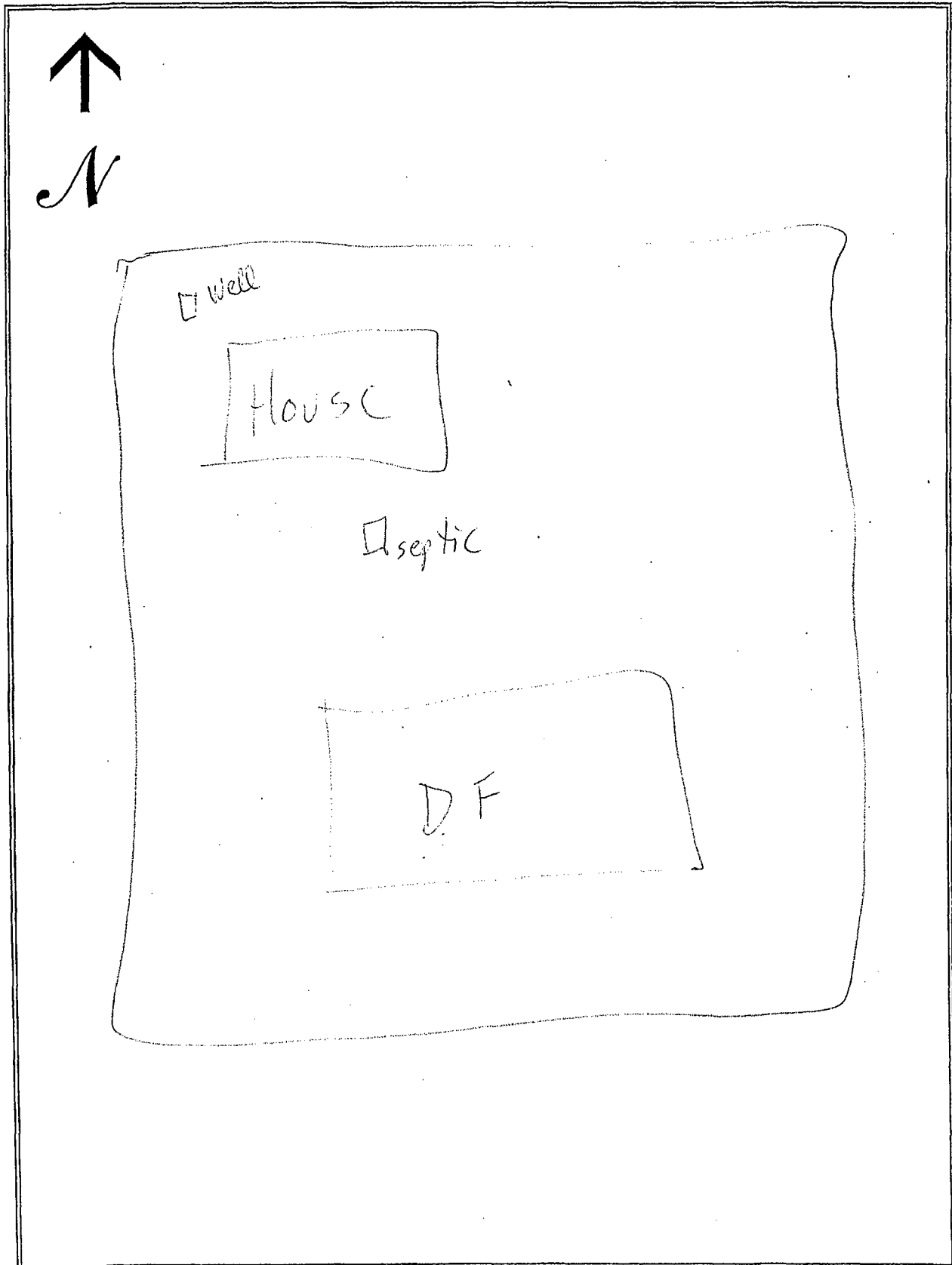
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:



LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



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If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Steven + Diane Knepp PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 811 Franklin Drive

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? 1.05 Acres
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system do you have? (CIRCLE ALL THAT APPLY)

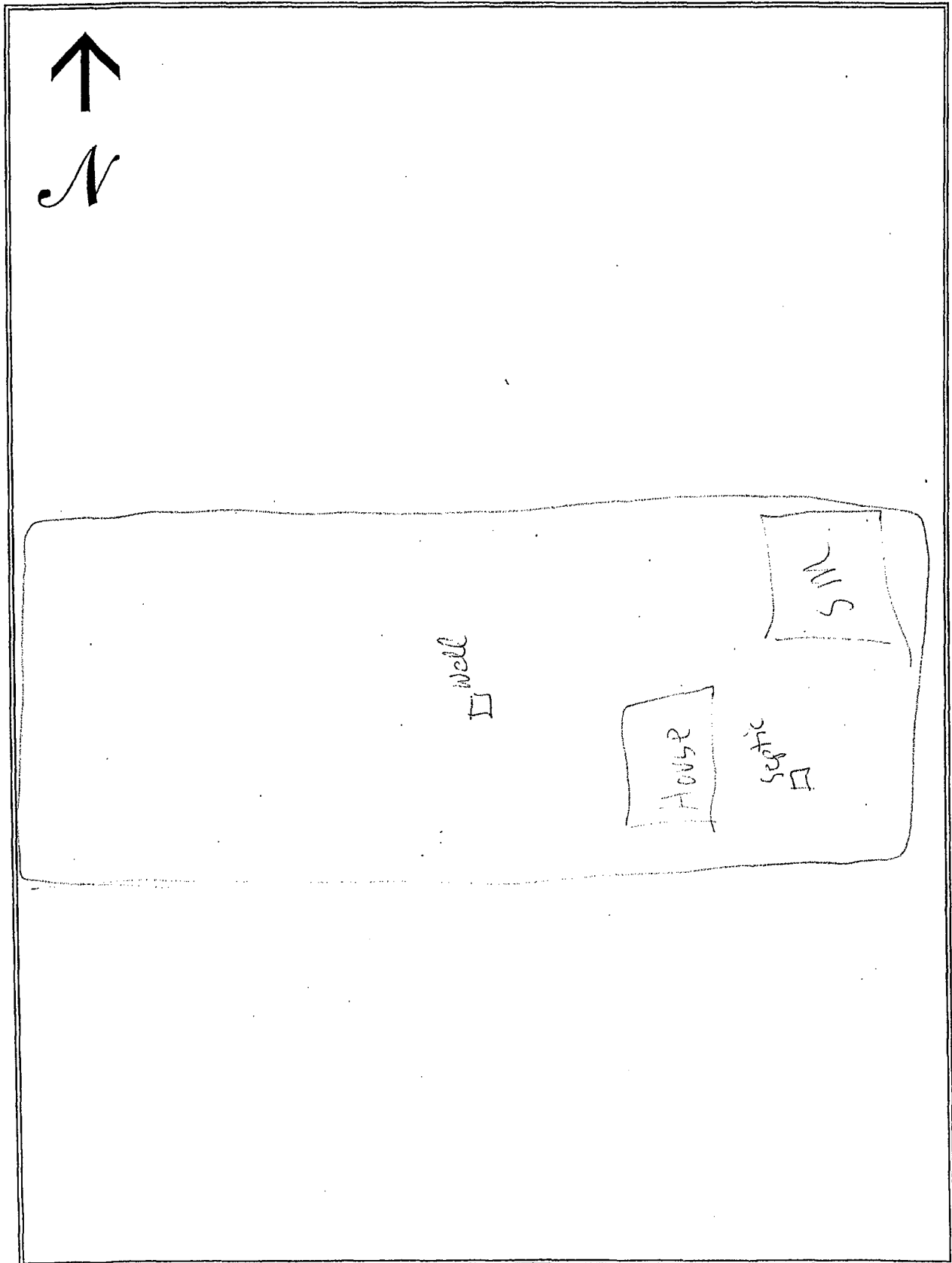
<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	<u>ELEVATED SAND MOUND</u>	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



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If you have any questions please contact                      at (      )      -      .  
Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Ruth Siegel PHONE: (      )      -       
ADDRESS: 847 Franklin Drive

1. How many people live in your house? 1 SEASONAL / ALL YEAR?
2. How large is your lot? 1/3 Acre
3. Do you have more than one sewage system on your lot? YES or (NO)  
If yes, explain:
4. What kind of water system do you have? (WELL?) SPRING? PUBLIC? OTHER?               
Do you treat your water? YES OR (NO) If yes, how?                       
If you have a well: Is it DUG or (DRILLED?) How Deep? 300 ft. Cased? YES or NO
5. How far is the well or spring from the drain field              ft. Is well UP/DOWN SLOPE               
Have you every had your water tested? (YES) or NO When? 2 yrs  
What were the results?
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

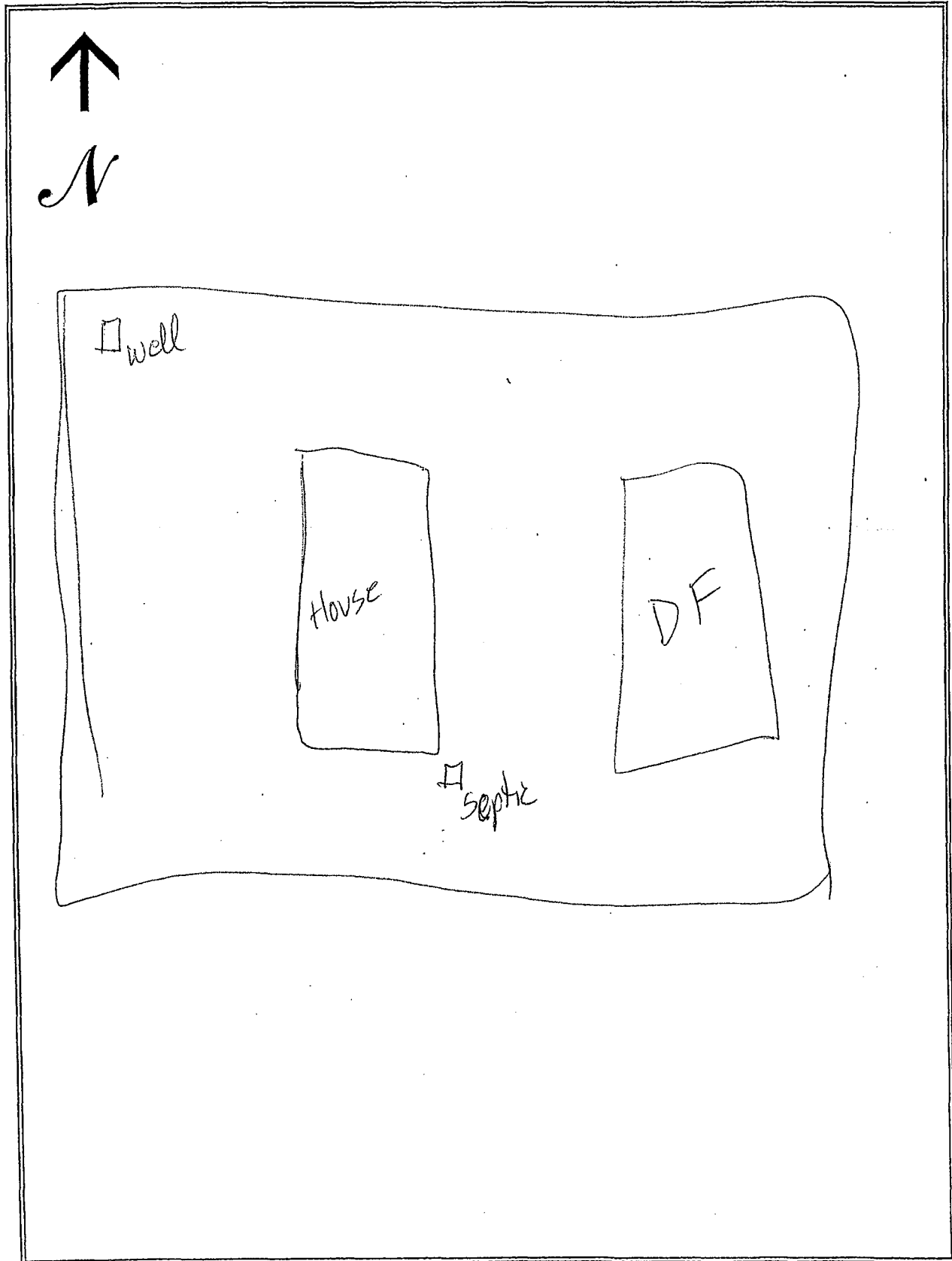
<u>(SEPTIC TANK)</u>	<u>(INGROUND BED)</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER <u>                    </u>	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>(SEPTIC TANK)</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER <u>                    </u>	
9. How old is your system? 18 yrs Was it permitted? Y / N When?
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER <u>                    </u>
11. Was your system every pumped out? (YES) or NO How often? 5-6 yrs Last time? 2 yrs  
If it was pumped, was it inspected for cracks or broken baffles?
12. Was your system ever repaired? YES or (NO) When?                      By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include:* tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



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If you have any questions please contact                      at (      )      -      .  
Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Darlene + David Yeager PHONE: (      )      -      .  
ADDRESS: 875 Franklin Drive

1. How many people live in your house? 2 SEASONAL / ALL YEAR?
2. How large is your lot? 3/4 Acre
3. Do you have more than one sewage system on your lot? YES or (NO)  
If yes, explain:
4. What kind of water system do you have? (WELL) SPRING? PUBLIC? OTHER?               
Do you treat your water? (YES) OR NO If yes, how? Softener  
If you have a well: Is it DUG or (DRILLED)? How Deep? 150 ft. Cased? YES or NO  
5. How far is the well or spring from the drain field              ft. Is well UP/DOWN SLOPE               
Have you every had your water tested? (YES) or NO When? 5-6 yrs  
What were the results?
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

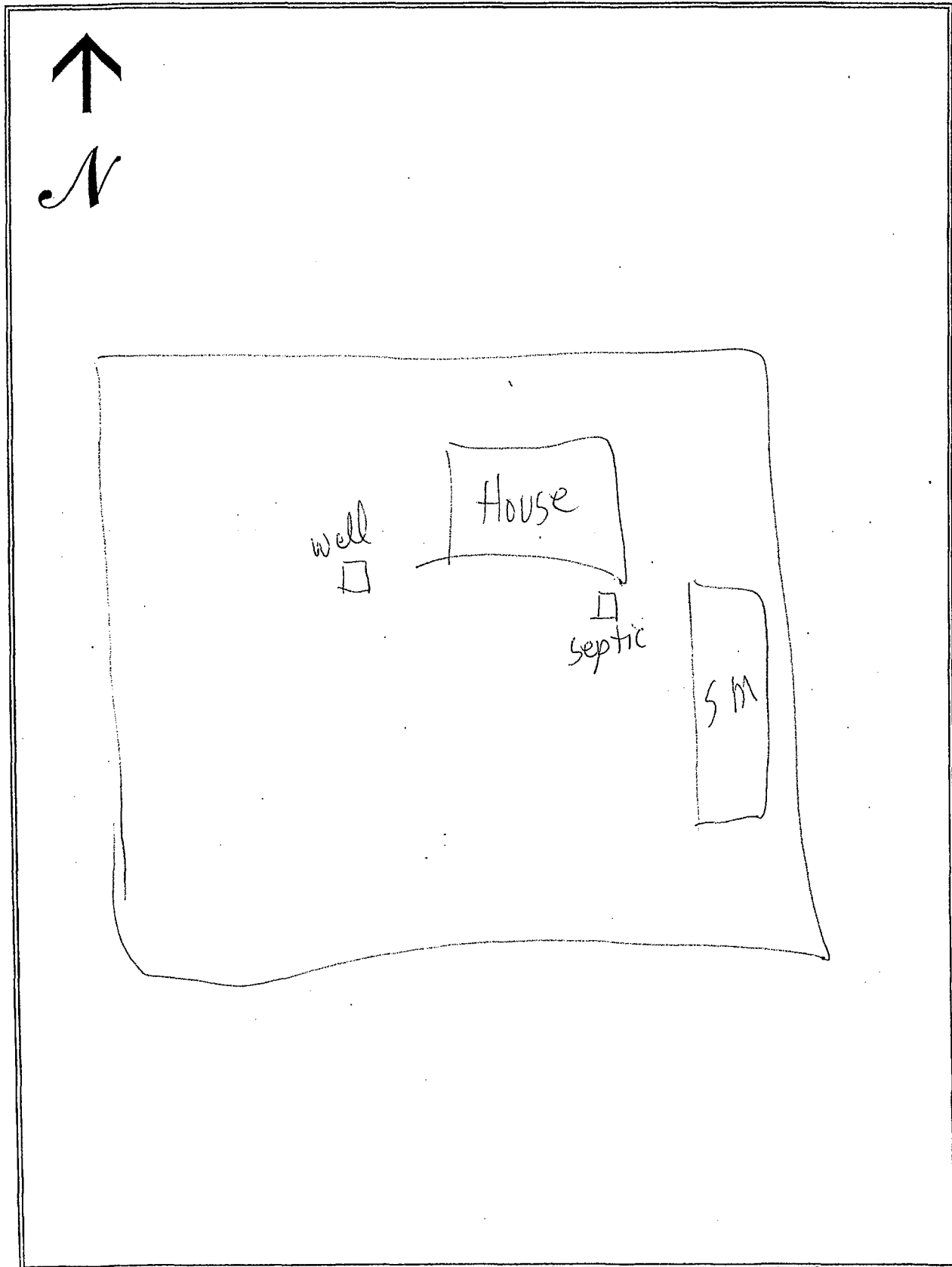
<u>(SEPTIC TANK)</u>	<u>(INGROUND BED)</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	<u>(ELEVATED SAND MOUND)</u>	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER <u>            </u>	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>(SEPTIC TANK)</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER <u>            </u>	
9. How old is your system? 13 Was it permitted? Y / N When?
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER <u>            </u>
11. Was your system every pumped out? (YES) or NO How often? 2 yrs Last time? 1 month  
If it was pumped, was it inspected for cracks or broken baffles?
12. Was your system ever repaired? YES or (NO) When?              By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

# LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks





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If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_-\_\_\_\_.  
Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Don & Linda Miller PHONE: (\_\_\_\_) \_\_\_\_-\_\_\_\_  
ADDRESS: 942 Hill St.

1. How many people live in your house? 4 SEASONAL / ALL YEAR?
2. How large is your lot? 2/3 Acre
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? Softener  
If you have a well: Is it DUG or DRILLED? How Deep? 150 ft. Cased? YES or NO  
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

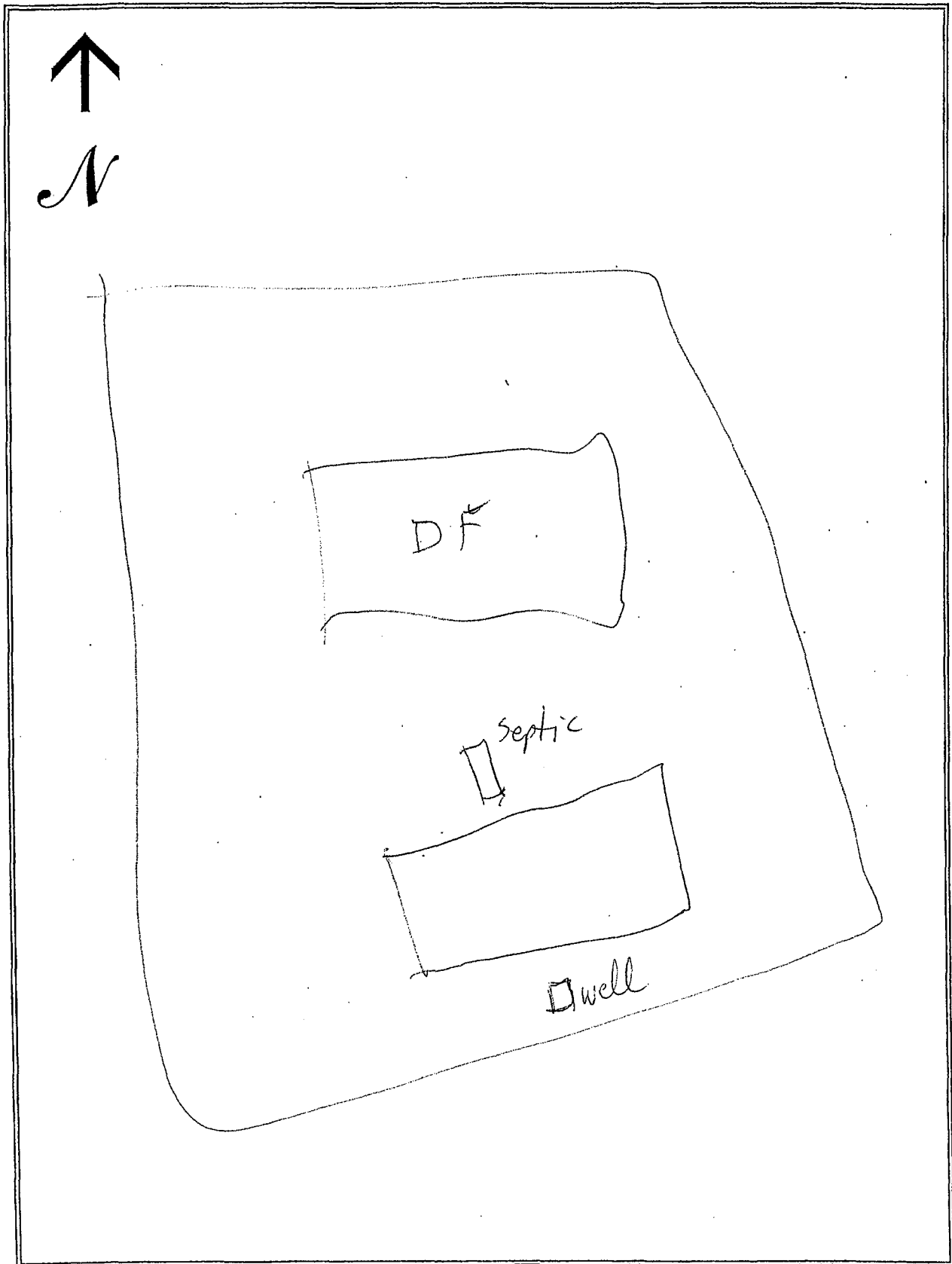
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 27 yrs Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
<u>SYSTEM OVERFLOW</u>	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? 10 yrs  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? 10 yrs By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



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If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_-\_\_\_\_.  
Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Robert & Marilyn Bare PHONE: (\_\_\_\_) \_\_\_\_-\_\_\_\_  
ADDRESS: 564 Fruitville Pike

1. How many people live in your house? 2 SEASONAL / ALL YEAR?
2. How large is your lot? 1 1/8 Acre
3. Do you have more than one sewage system on your lot? YES or (NO)  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? (WELL?) SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR (NO) If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or (DRILLED?) How Deep? 100 ft. Cased? YES or NO \_\_\_\_\_
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? (YES) or NO When? 3-4 yrs  
What were the results? \_\_\_\_\_
7. What kind of sewage system do you have? (CIRCLE ALL THAT APPLY)
 

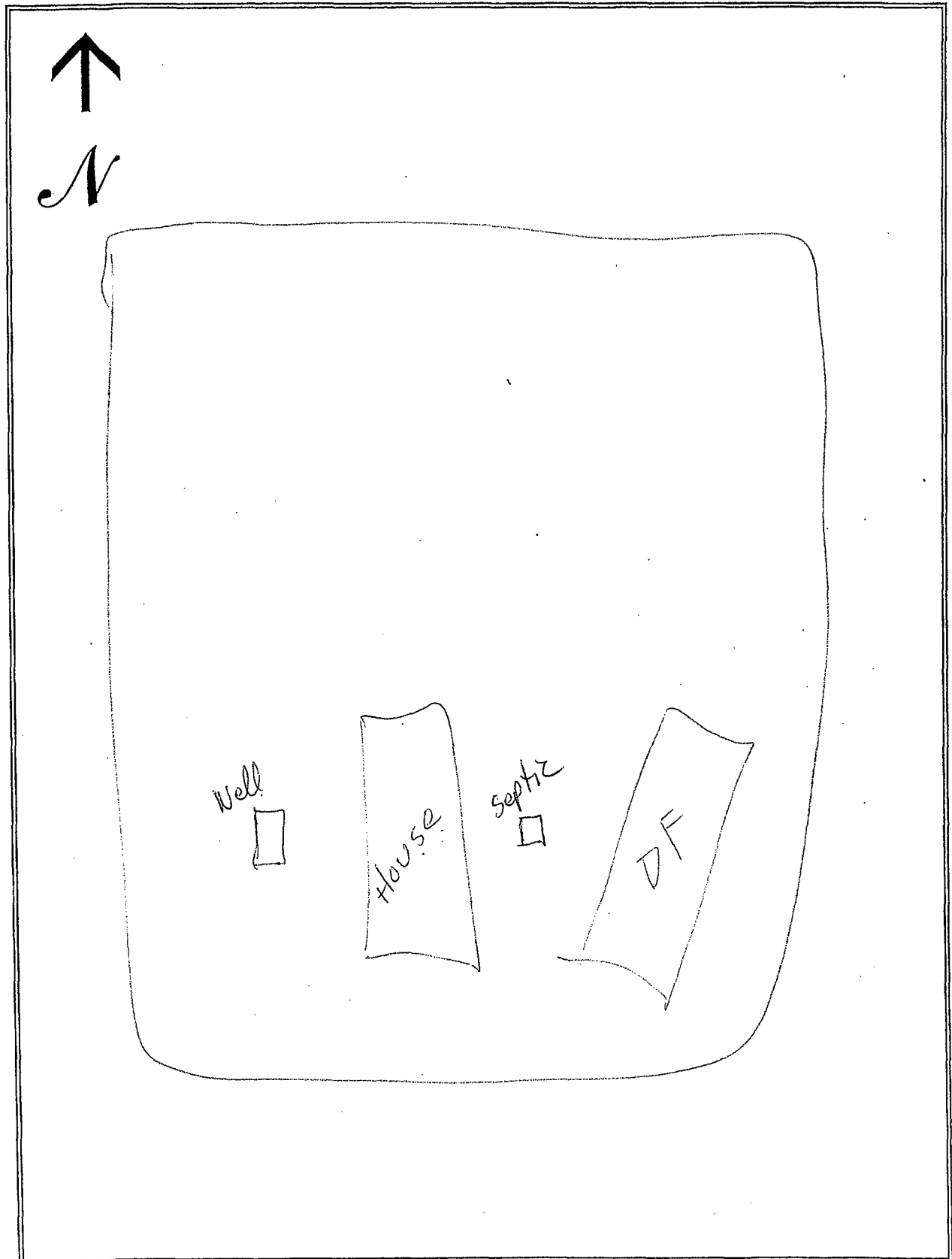
<u>(SEPTIC TANK)</u>	<u>(INGROUND BED)</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

<u>(SEPTIC TANK)</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 34 yrs Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or (NO) How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or (NO) When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



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If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Glen + Darlene Greenly PHONE: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_  
ADDRESS: 11 Fairland Rd.

1. How many people live in your house? 2 SEASONAL / ALL YEAR?
2. How large is your lot? 1/2 Acre
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? Softener  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO  
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? 5 yrs  
What were the results? \_\_\_\_\_
7. What kind of sewage system do you have? (CIRCLE ALL THAT APPLY)  

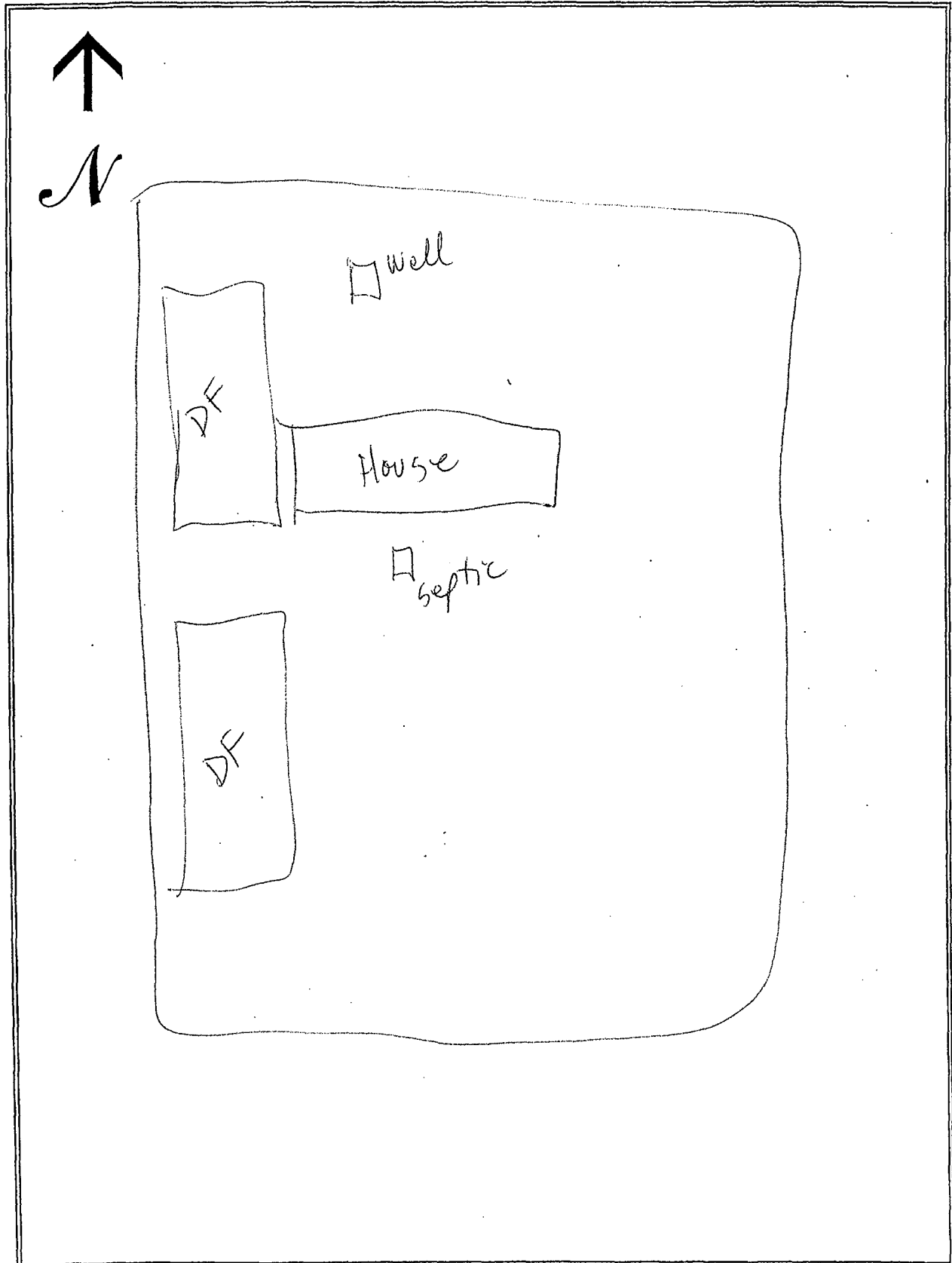
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 24 yrs Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? 3 yrs  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? 14 yrs By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

# LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# MAIL SURVEY

SAMPLE / MAP #

16

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: James & Marlene Ream PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 532 Schoolway Dr.

1. How many people live in your house? 2 SEASONAL / ALL YEAR?
2. How large is your lot? 1/3 Acre
3. Do you have more than one sewage system on your lot? YES or (NO)  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? (WELL) SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? (YES) OR NO If yes, how? UV  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO  
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? (YES) or NO When? 1 yr  
What were the results? Bacteria
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

<u>(SEPTIC TANK)</u>	<u>(INGROUND BED)</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

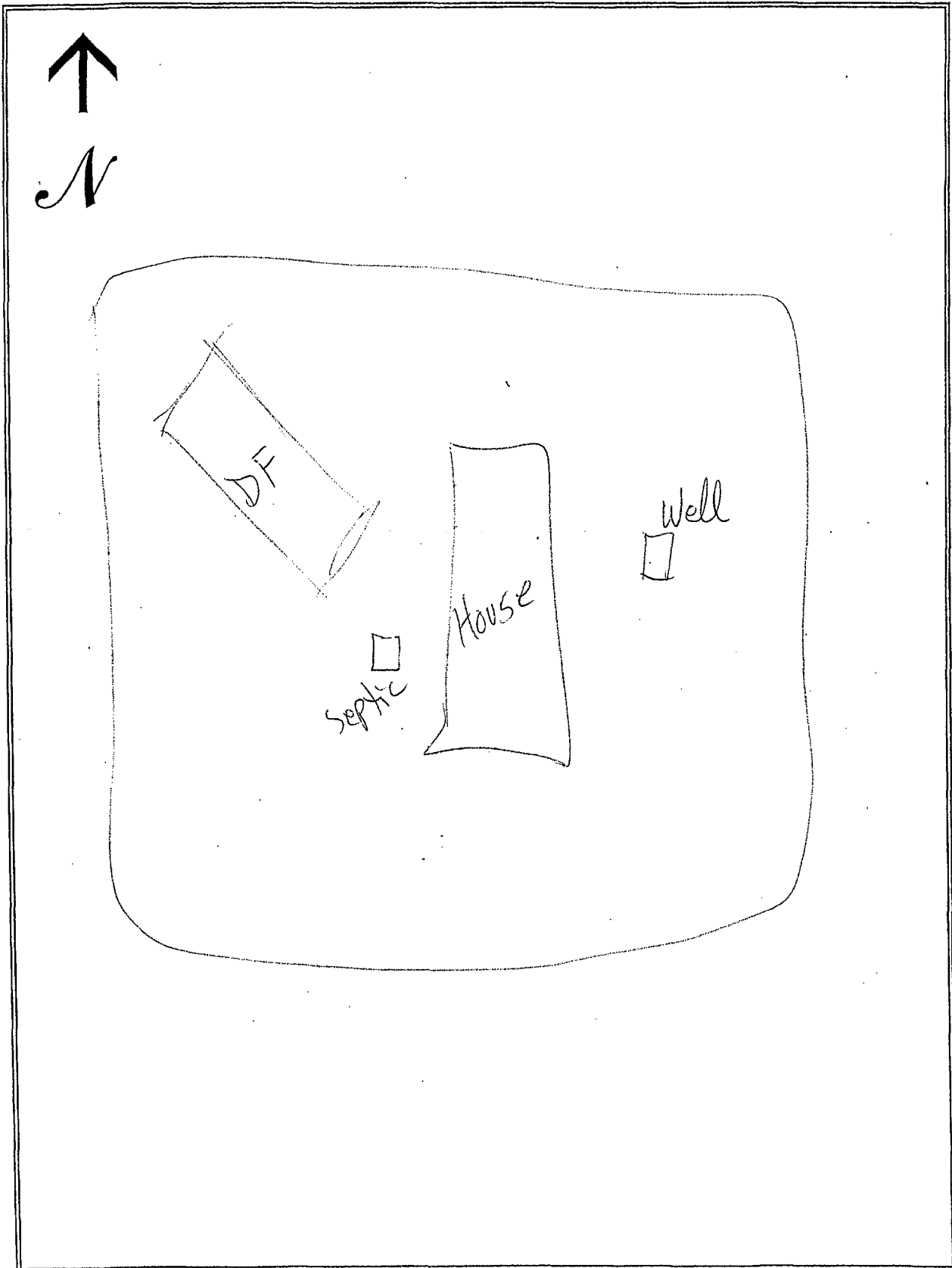
<u>(SEPTIC TANK)</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 26 yrs Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? (YES) or NO How often? \_\_\_\_\_ Last time? 1 yrs  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or (NO) When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:



## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_-\_\_\_\_.  
Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Daniel & Lois Eckenrode PHONE: (\_\_\_\_) \_\_\_\_-\_\_\_\_  
ADDRESS: 519 Schoolhouse Rd

1. How many people live in your house? 2 SEASONAL / ALL YEAR?
2. How large is your lot? 1/3 Acre
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? Softener  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO  
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

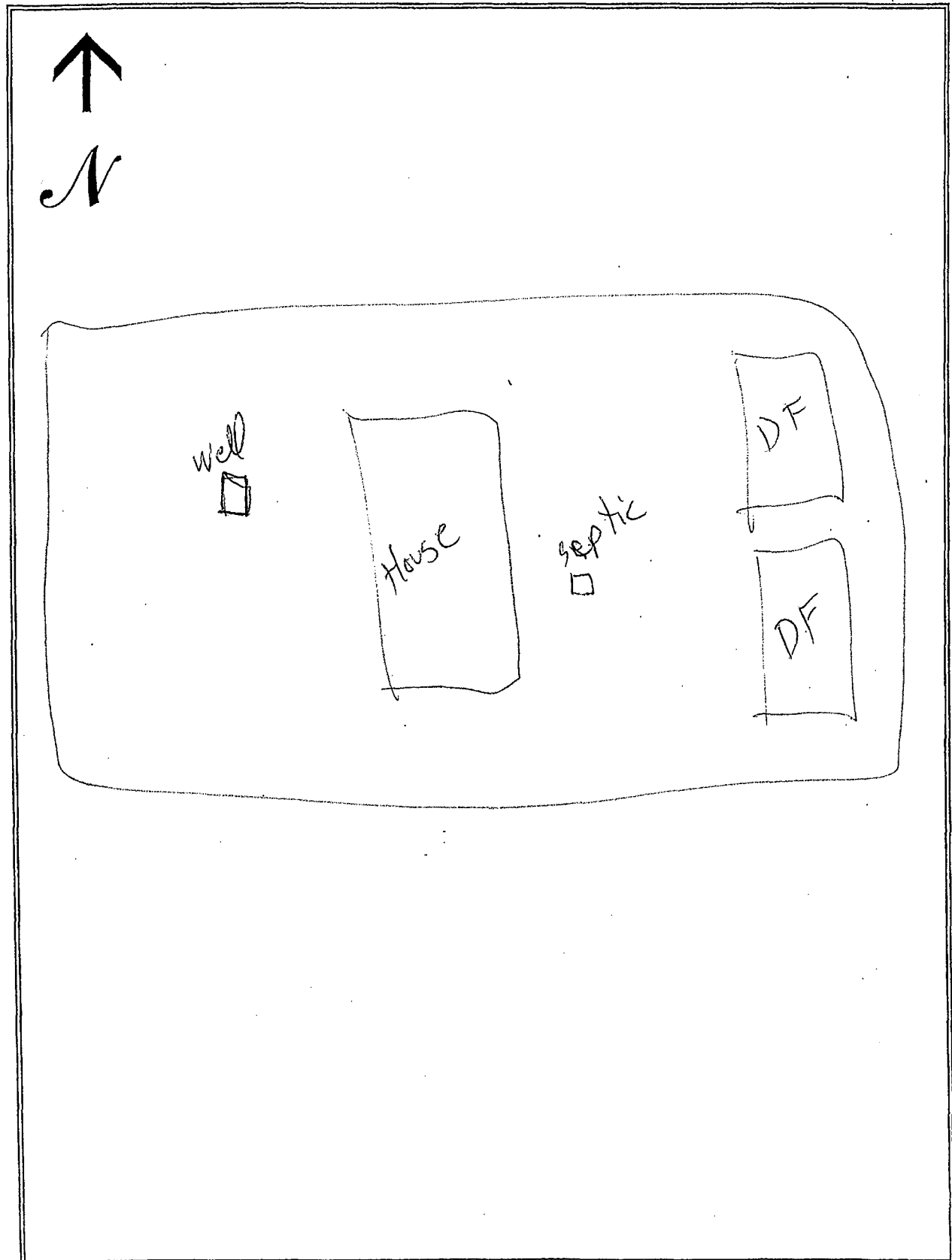
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 26 yrs Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? 2-3 Last time? 2 yrs  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Jeffrey + Robin Smith PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 535 Schoolway Dr.

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?

2. How large is your lot? 1/3 Acre

3. Do you have more than one sewage system on your lot? YES or NO

If yes, explain: \_\_\_\_\_

4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_

Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_

If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO

5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_

Have you every had your water tested? YES or NO When? \_\_\_\_\_

What were the results? \_\_\_\_\_

7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)

SEPTIC TANK

CESSPOOL

OLD WELL

HOLDING TANK

PRIVY

PUBLIC SEWER

INGROUND BED

INGROUND TRENCH

ELEVATED SAND MOUND

SEEPAGE PIT

BORE HOLE

OTHER \_\_\_\_\_

COMMUNITY SEWER

STORM SEWER

PIPE TO DITCH

PIPE TO STEAM

PIPE TO SURFACE

8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)

SEPTIC TANK

CESSPOOL

OLD WELL

HOLDING TANK

PRIVY

PUBLIC SEWER

INGROUND BED

INGROUND TRENCH

ELEVATED SAND MOUND

SEEPAGE PIT

BORE HOLE

OTHER \_\_\_\_\_

COMMUNITY SEWER

STORM SEWER

PIPE TO DITCH

PIPE TO STEAM

PIPE TO SURFACE

9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_

10. Have you every noticed any of the following near your septic system?

GREEN LUSH GRASS

ODORS

SLUGGISH DRAINS

SYSTEM OVERFLOW

WETNESS OR SPONGY AREAS

WATER PONDING OR SURFACING

WASTEWATER BACKING INTO THE HOME

OTHER \_\_\_\_\_

11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_

If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_

12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO

What part was repaired or replaced?

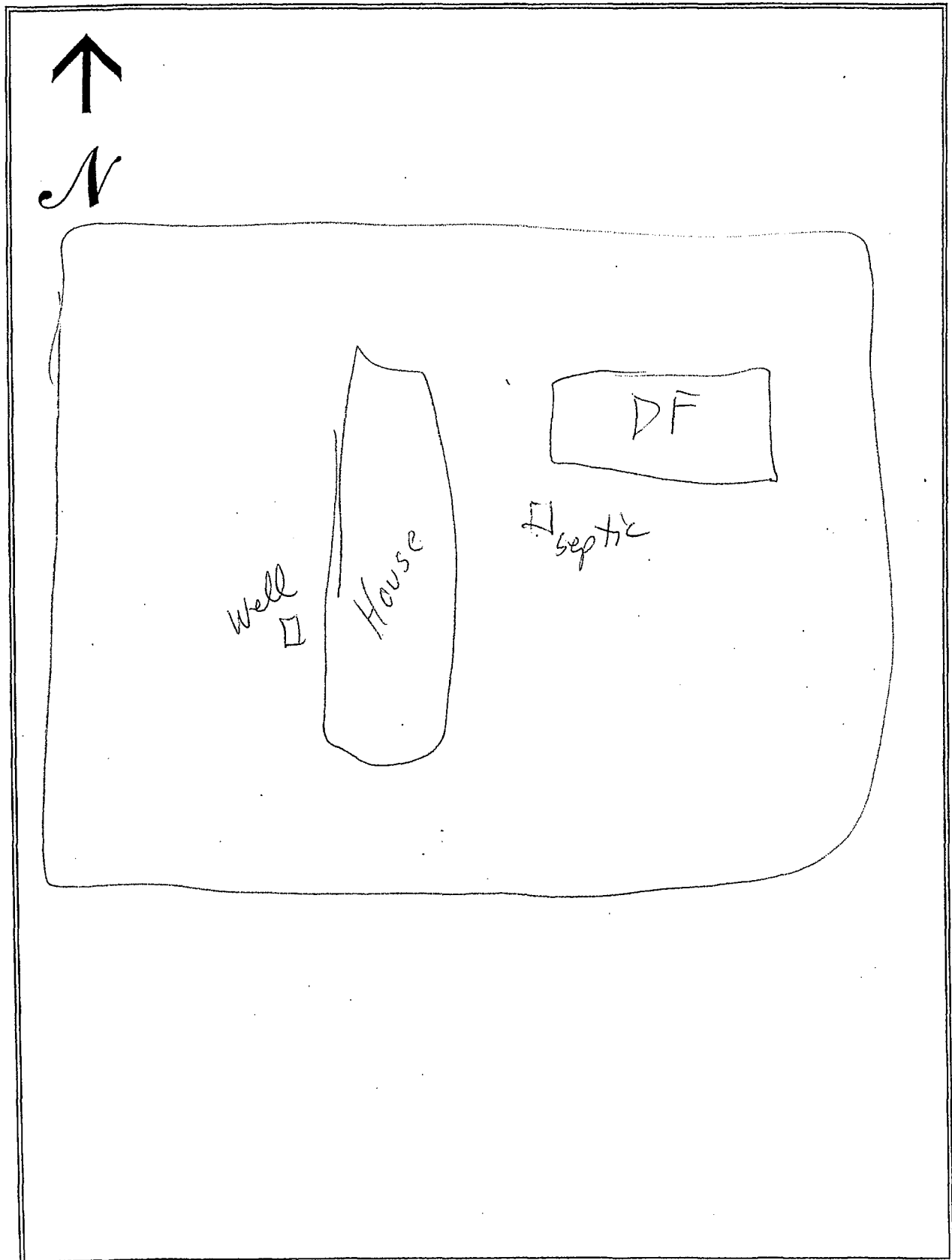
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED

13. Are there any other sewage problems you are aware of?

14. COMMENTS:

# LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

1/1

19

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Edmund + Jean Loll PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 549 Schoolway Dr.

1. How many people live in your house? 4 SEASONAL / ALL YEAR?
2. How large is your lot? 1/3 Acre
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? Self filter  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO  
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? 3 months  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

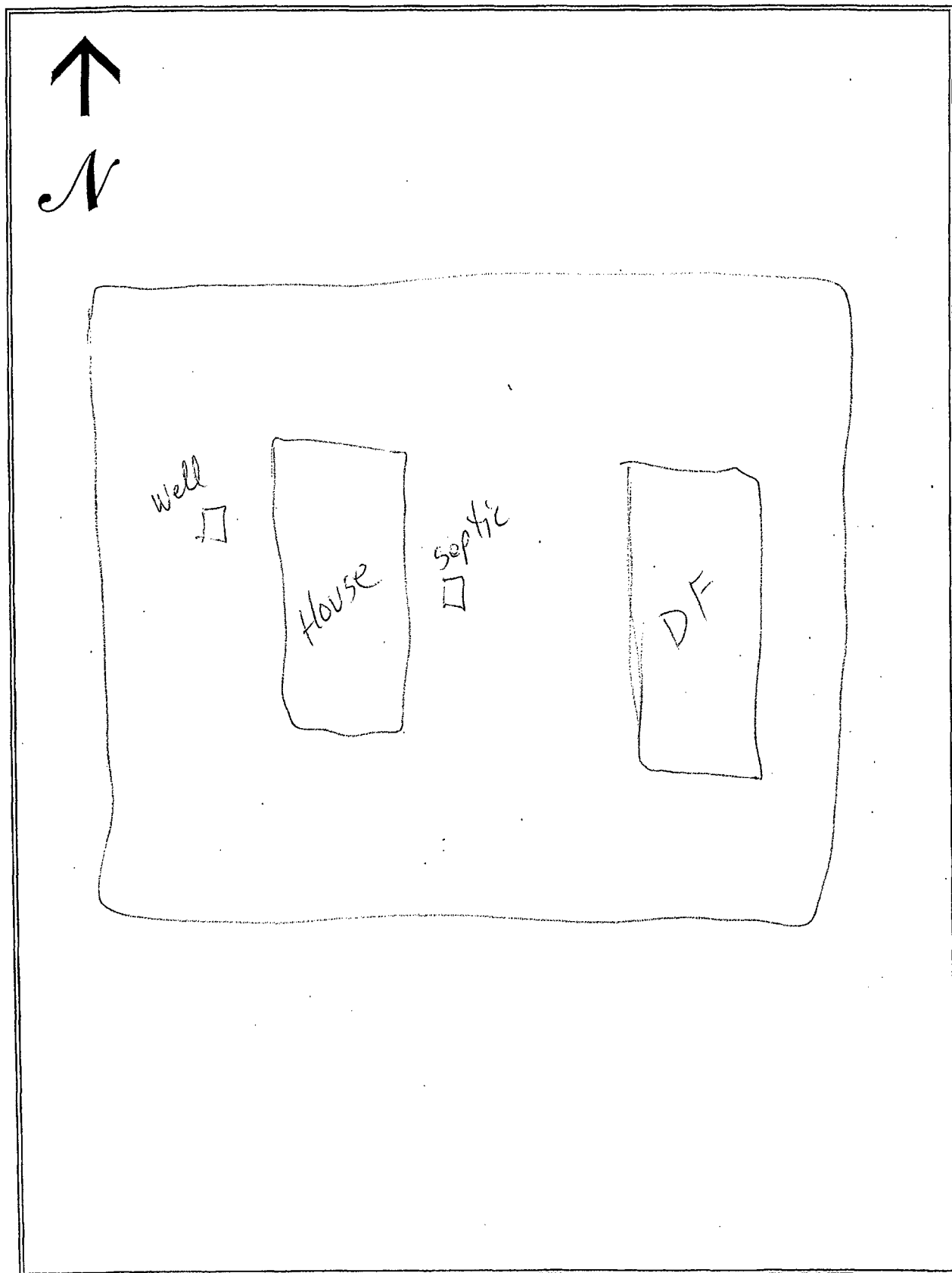
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 18 yrs Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? 1 yr  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*





# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #  
20

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_.  
Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Bruce & Susan Ahr PHONE: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_  
ADDRESS: 559 Schoolway Dr

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? 1/3 Acre
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

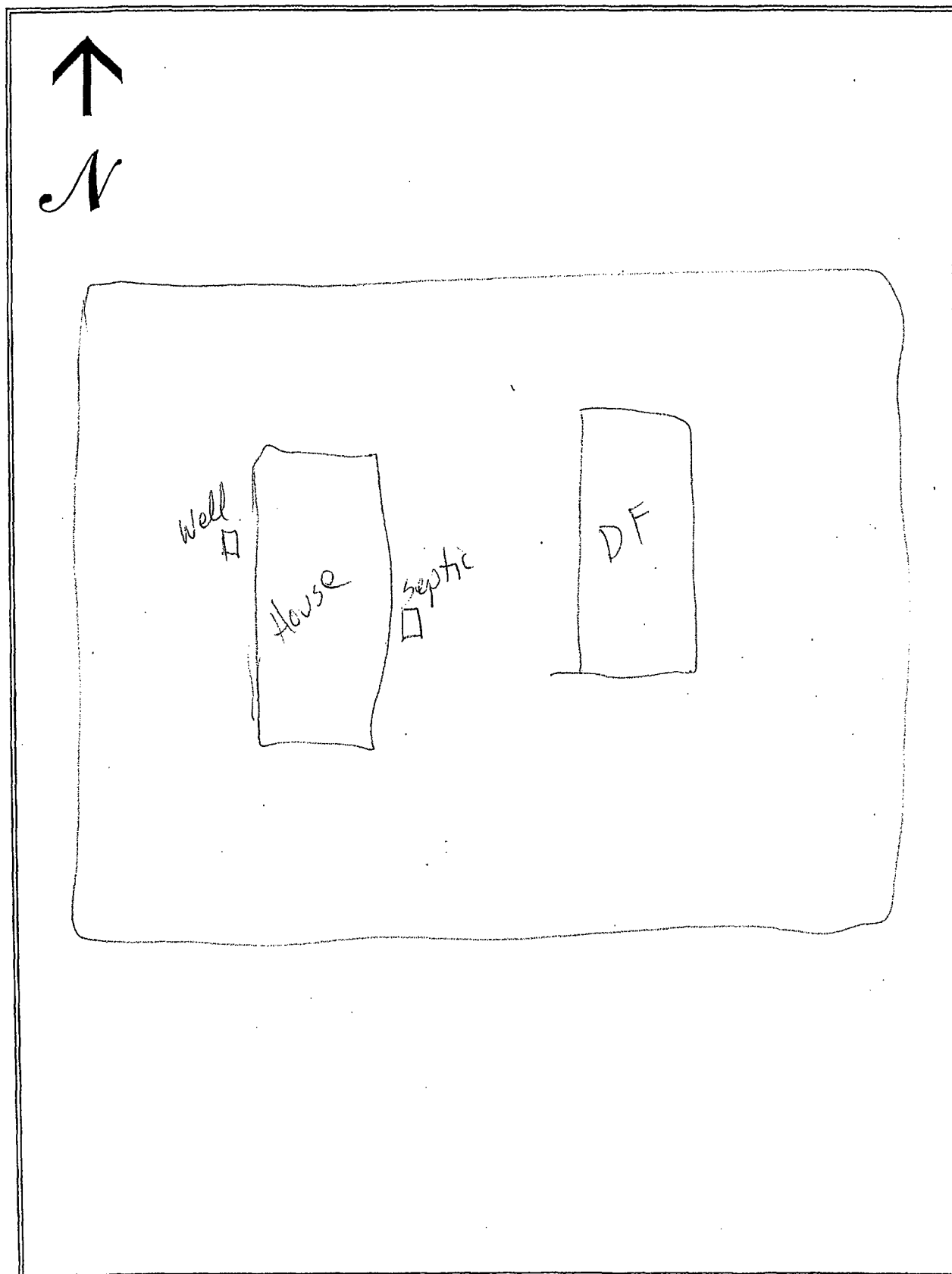
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



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If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_-\_\_\_\_.  
Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: William Plasterer PHONE: (\_\_\_\_) \_\_\_\_-\_\_\_\_  
ADDRESS: 556 Schoolway Dr.

1. How many people live in your house? 2 SEASONAL / ALL YEAR?
2. How large is your lot? 1/3
3. Do you have more than one sewage system on your lot? YES or (NO)  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? (WELL?) SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? (YES) OR NO If yes, how? Sattener  
If you have a well: Is it DUG or (DRILLED?) How Deep? 400 ft. Cased? YES or NO  
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? (YES) or NO When? 10 yrs  
What were the results? OK
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

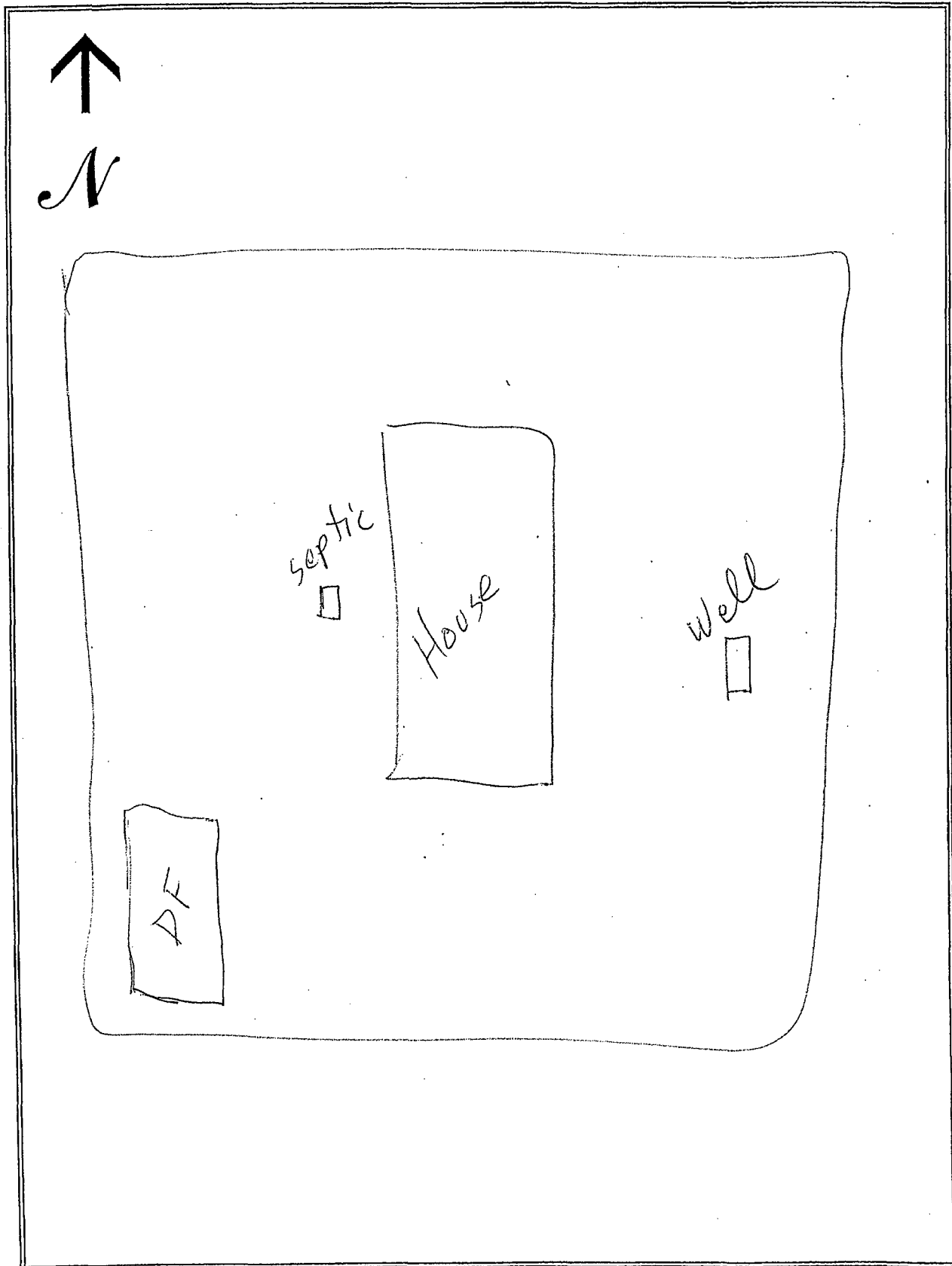
<u>(SEPTIC TANK)</u>	<u>(INGROUND BED)</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>(SEPTIC TANK)</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 18 yrs Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? (YES) or NO How often? 5 yrs Last time? 2000  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? (YES) or NO When? 2 yrs By permit? YES / NO  
What part was repaired or replaced?  
TANK (REPAIRED)/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

# LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include:* tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



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If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: James + Diana Boettger PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 579 Schoolway Dr.

1. How many people live in your house? 3 SEASONAL / ALL YEAR?
2. How large is your lot? \_\_\_\_\_
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? Softener  
If you have a well: Is it DUG or DRILLED? How Deep? 140 ft. Cased? YES or NO  
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? 2yrs  
What were the results? OK
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

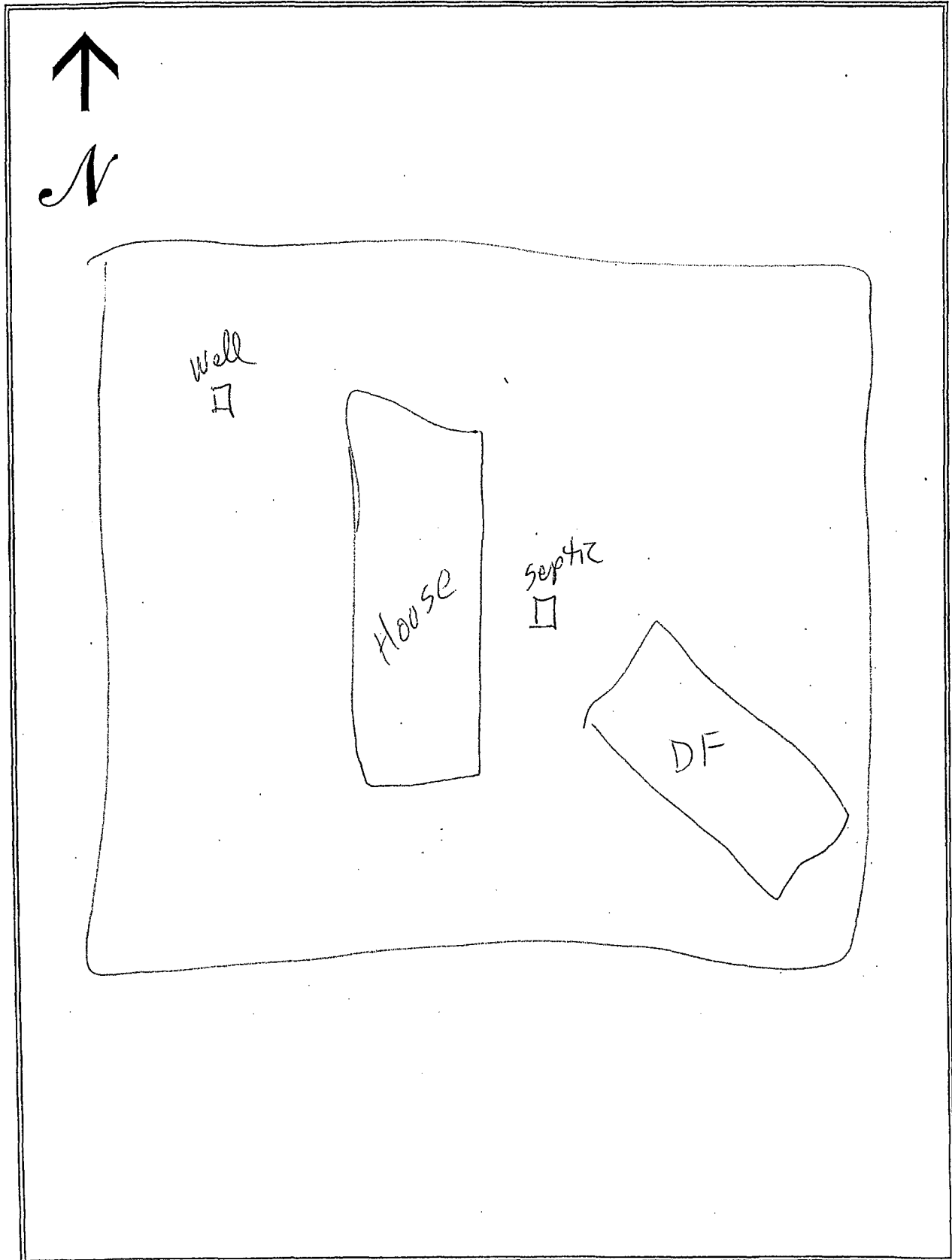
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 24yrs Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? 3yrs  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include:* tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_-\_\_\_\_.  
Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Courtney, Bertha M. & Bobby G. PHONE: (\_\_\_\_) \_\_\_\_-\_\_\_\_  
ADDRESS: 680 Fruitville Pike

1. How many people live in your house? 2 SEASONAL / ALL YEAR?
2. How large is your lot? 0.62 acres
3. Do you have more than one sewage system on your lot? YES or (NO)  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? (WELL) SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR (NO) If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or (DRILLED)? How Deep? 400+ ft. Cased? YES or NO
5. How far is the well or spring from the drain field ~125 ft. Is well UP/DOWN SLOPE?  
Have you every had your water tested? (YES) or NO When? 1 yr. ago  
What were the results? OK.
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)

<u>(SEPTIC TANK)</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)

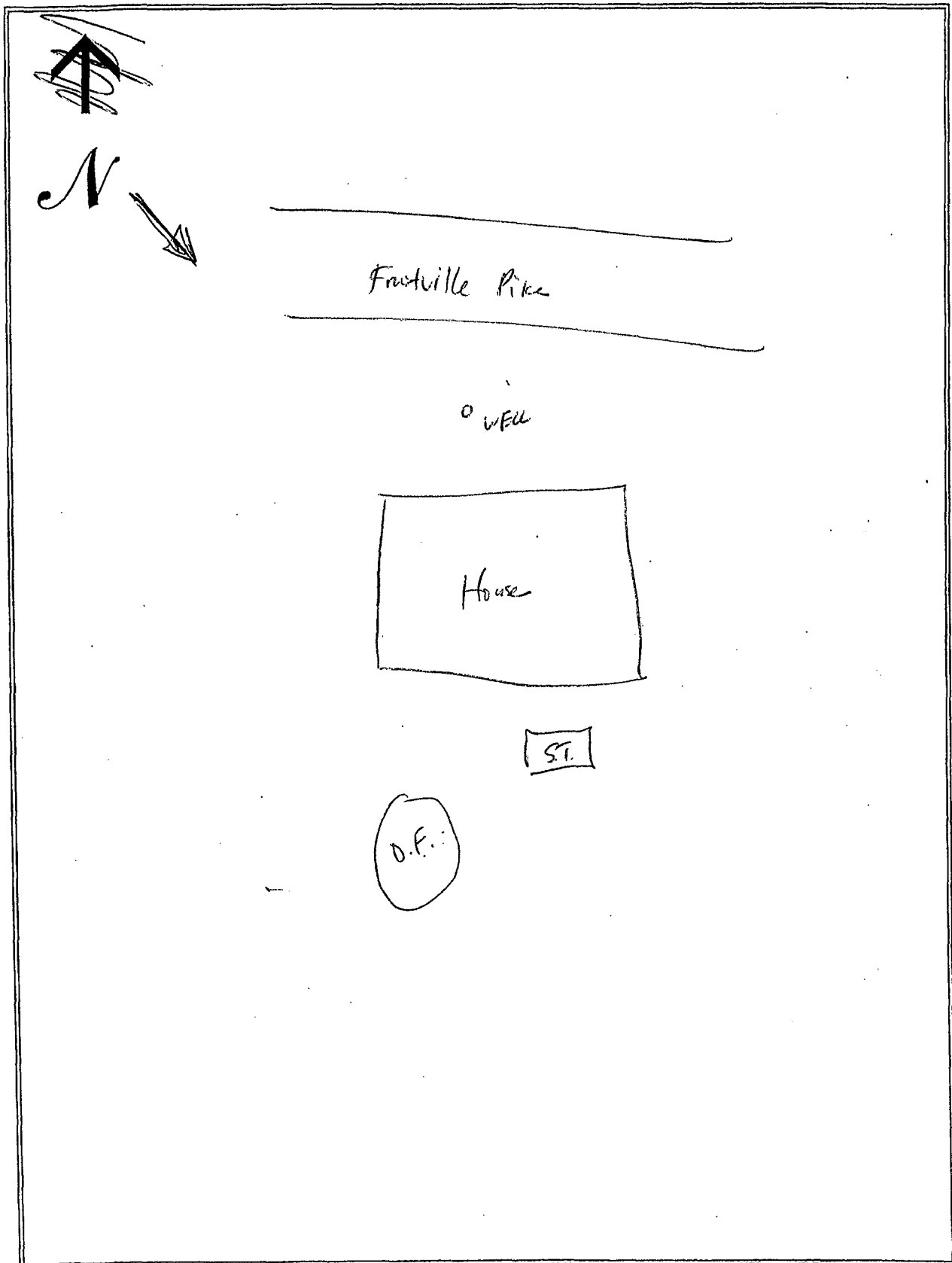
<u>(SEPTIC TANK)</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? ? Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? (YES) or NO How often? \_\_\_\_\_ Last time? ~1 yr. ago  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or (NO) When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:



LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_-\_\_\_\_.  
Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Myer, Kenneth R. & Miriam C. PHONE: (\_\_\_\_) \_\_\_\_-\_\_\_\_  
ADDRESS: 819 Fruitville Pike

1. How many people live in your house? 2 SEASONAL / ALL YEAR?
2. How large is your lot? 0.63 acres
3. Do you have more than one sewage system on your lot? YES or (NO)  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? (WELL) SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR (NO) If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or (DRILLED) How Deep? ? ft. Cased? YES or NO \_\_\_\_\_
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? (YES) or NO When? 5-7 years ago  
What were the results? Varies
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)

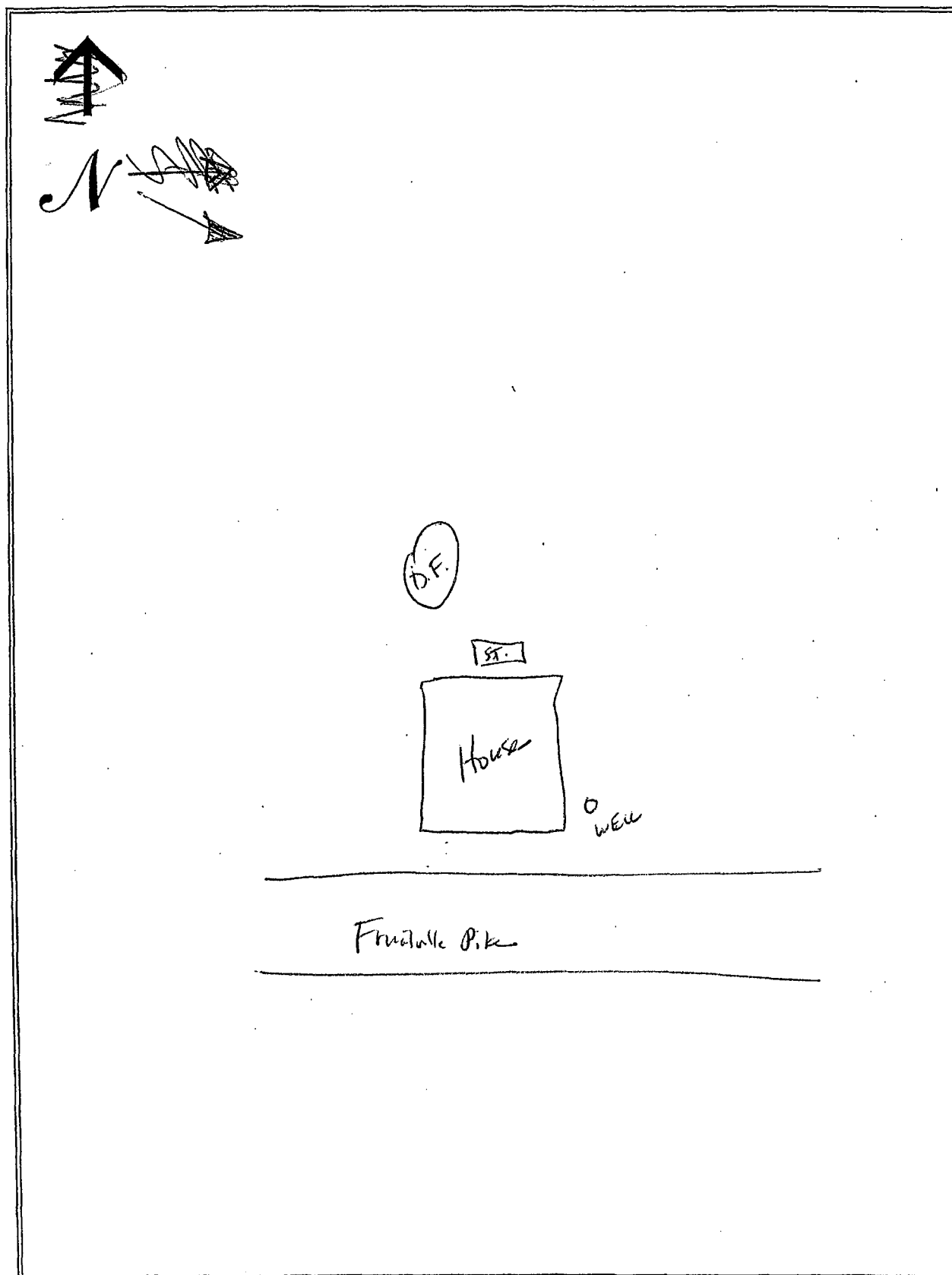
<u>(SEPTIC TANK)</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)

<u>(SEPTIC TANK)</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? ? Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?

<u>(GREEN LUSH GRASS)</u>	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? (YES) or NO How often? ~ 3 yrs. Last time? ~ 2 yrs. ago  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? (YES) or NO When? Years ago. By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

# LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



5/22/02

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(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_-\_\_\_\_.  
Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Kern, Elaine G. PHONE: (\_\_\_\_) \_\_\_\_-\_\_\_\_  
ADDRESS: 828 Fruitville Pike

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? 0.50 acres
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

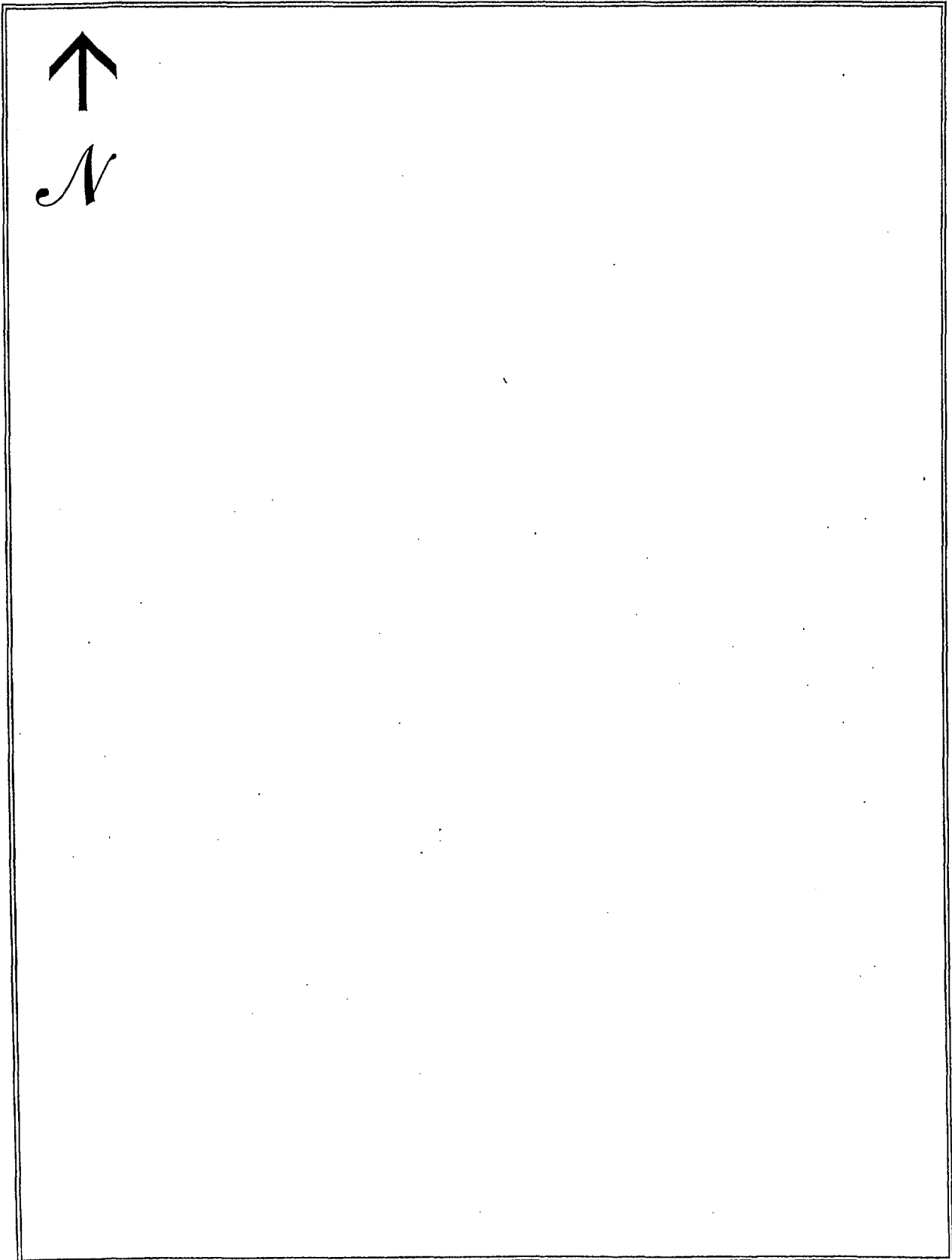
<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

5/22/02

SAMPLE / MAP #

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(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: John, Edward D. & Heidi B. PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 333 Little Road

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? 0.46 acres
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

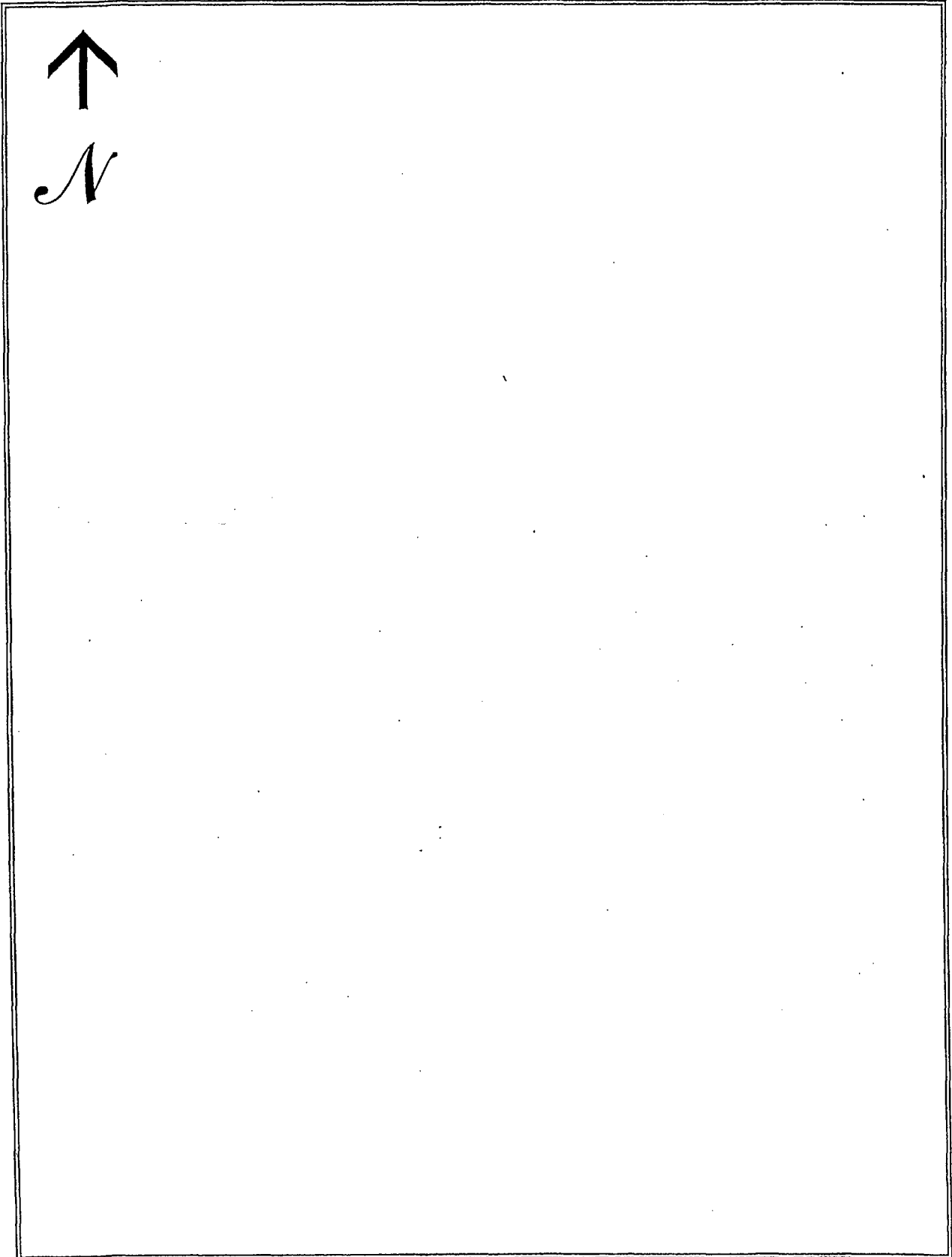
<input checked="" type="checkbox"/> SEPTIC TANK	<input type="checkbox"/> INGROUND BED	<input type="checkbox"/> COMMUNITY SEWER
<input type="checkbox"/> CESSPOOL	<input type="checkbox"/> INGROUND TRENCH	<input type="checkbox"/> STORM SEWER
<input type="checkbox"/> OLD WELL	<input type="checkbox"/> ELEVATED SAND MOUND	<input type="checkbox"/> PIPE TO DITCH
<input type="checkbox"/> HOLDING TANK	<input type="checkbox"/> SEEPAGE PIT	<input type="checkbox"/> PIPE TO STEAM
<input type="checkbox"/> PRIVY	<input type="checkbox"/> BORE HOLE	<input type="checkbox"/> PIPE TO SURFACE
<input type="checkbox"/> PUBLIC SEWER	<input type="checkbox"/> OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<input type="checkbox"/> SEPTIC TANK	<input type="checkbox"/> INGROUND BED	<input type="checkbox"/> COMMUNITY SEWER
<input type="checkbox"/> CESSPOOL	<input type="checkbox"/> INGROUND TRENCH	<input type="checkbox"/> STORM SEWER
<input type="checkbox"/> OLD WELL	<input type="checkbox"/> ELEVATED SAND MOUND	<input type="checkbox"/> PIPE TO DITCH
<input type="checkbox"/> HOLDING TANK	<input type="checkbox"/> SEEPAGE PIT	<input type="checkbox"/> PIPE TO STEAM
<input type="checkbox"/> PRIVY	<input type="checkbox"/> BORE HOLE	<input type="checkbox"/> PIPE TO SURFACE
<input type="checkbox"/> PUBLIC SEWER	<input type="checkbox"/> OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

<input type="checkbox"/> GREEN LUSH GRASS	<input type="checkbox"/> WETNESS OR SPONGY AREAS
<input type="checkbox"/> ODORS	<input type="checkbox"/> WATER PONDING OR SURFACING
<input type="checkbox"/> SLUGGISH DRAINS	<input type="checkbox"/> WASTEWATER BACKING INTO THE HOME
<input type="checkbox"/> SYSTEM OVERFLOW	<input type="checkbox"/> OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



5/22/02

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If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Mumma, Gordon S. PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 893 Fruitville Pike

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? 0.46 acres
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)

<input checked="" type="checkbox"/> SEPTIC TANK	<input type="checkbox"/> INGROUND BED	<input type="checkbox"/> COMMUNITY SEWER
<input type="checkbox"/> CESSPOOL	<input type="checkbox"/> INGROUND TRENCH	<input type="checkbox"/> STORM SEWER
<input type="checkbox"/> OLD WELL	<input type="checkbox"/> ELEVATED SAND MOUND	<input type="checkbox"/> PIPE TO DITCH
<input type="checkbox"/> HOLDING TANK	<input type="checkbox"/> SEEPAGE PIT	<input type="checkbox"/> PIPE TO STEAM
<input type="checkbox"/> PRIVY	<input type="checkbox"/> BORE HOLE	<input type="checkbox"/> PIPE TO SURFACE
<input type="checkbox"/> PUBLIC SEWER	<input type="checkbox"/> OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)

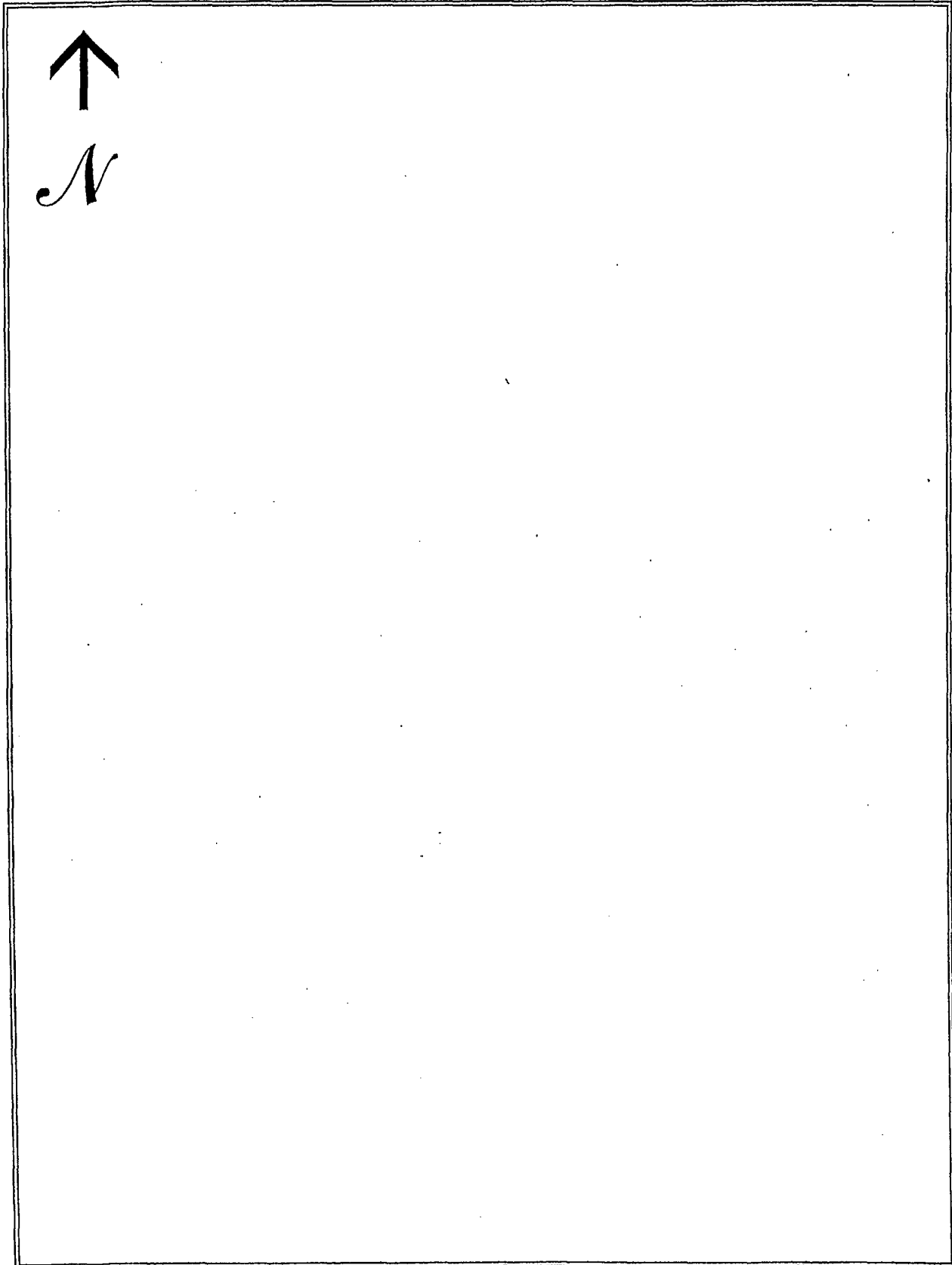
<input type="checkbox"/> SEPTIC TANK	<input type="checkbox"/> INGROUND BED	<input type="checkbox"/> COMMUNITY SEWER
<input type="checkbox"/> CESSPOOL	<input type="checkbox"/> INGROUND TRENCH	<input type="checkbox"/> STORM SEWER
<input type="checkbox"/> OLD WELL	<input type="checkbox"/> ELEVATED SAND MOUND	<input type="checkbox"/> PIPE TO DITCH
<input type="checkbox"/> HOLDING TANK	<input type="checkbox"/> SEEPAGE PIT	<input type="checkbox"/> PIPE TO STEAM
<input type="checkbox"/> PRIVY	<input type="checkbox"/> BORE HOLE	<input type="checkbox"/> PIPE TO SURFACE
<input type="checkbox"/> PUBLIC SEWER	<input type="checkbox"/> OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?

<input type="checkbox"/> GREEN LUSH GRASS	<input type="checkbox"/> WETNESS OR SPONGY AREAS
<input type="checkbox"/> ODORS	<input type="checkbox"/> WATER PONDING OR SURFACING
<input type="checkbox"/> SLUGGISH DRAINS	<input type="checkbox"/> WASTEWATER BACKING INTO THE HOME
<input type="checkbox"/> SYSTEM OVERFLOW	<input type="checkbox"/> OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:



LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



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If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_-\_\_\_\_.  
Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Myers, David C. PHONE: (\_\_\_\_) \_\_\_\_-\_\_\_\_  
ADDRESS: 22 Segr Segn Rd.

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? 0.43 acres
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO  
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

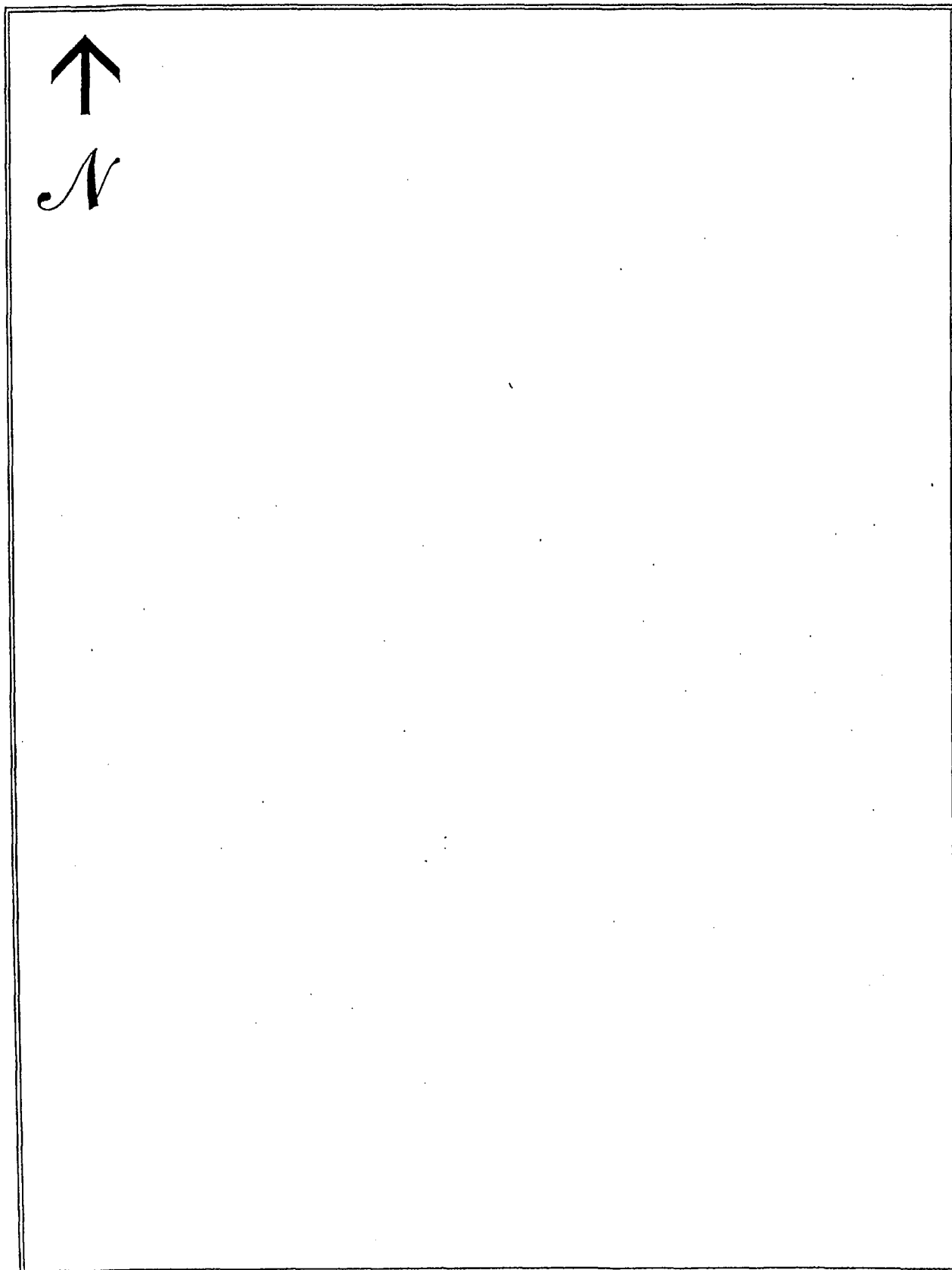
<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

<u>GREEN LUSH GRASS</u>	<u>WETNESS OR SPONGY AREAS</u>
<u>ODORS</u>	<u>WATER PONDING OR SURFACING</u>
<u>SLUGGISH DRAINS</u>	<u>WASTEWATER BACKING INTO THE HOME</u>
<u>SYSTEM OVERFLOW</u>	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

5/22/02

SAMPLE / MAP #  
29

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If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_-\_\_\_\_.  
Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Tucci, Robert E. & Bonnie A. PHONE: (\_\_\_\_) \_\_\_\_-\_\_\_\_  
ADDRESS: 30 Segn Sago Rd.

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? 0.43 acres
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

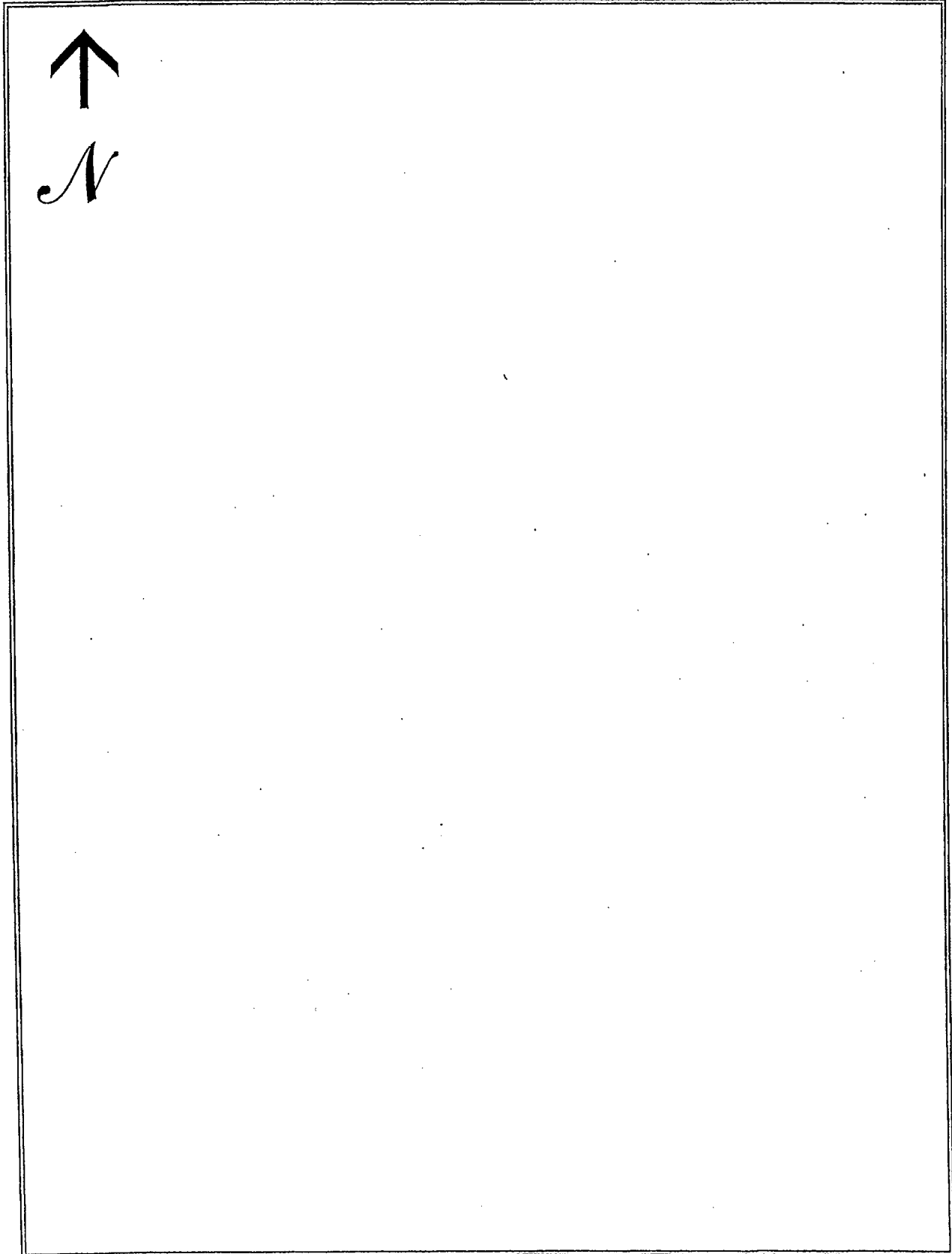
<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

5/22/02

SAMPLE/MAP #

30

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Bright, James W. Jr. & Sarah R. PHONE: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_

ADDRESS: 58 Sege Sage Rd.

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? 0.48 acres
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWNSLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

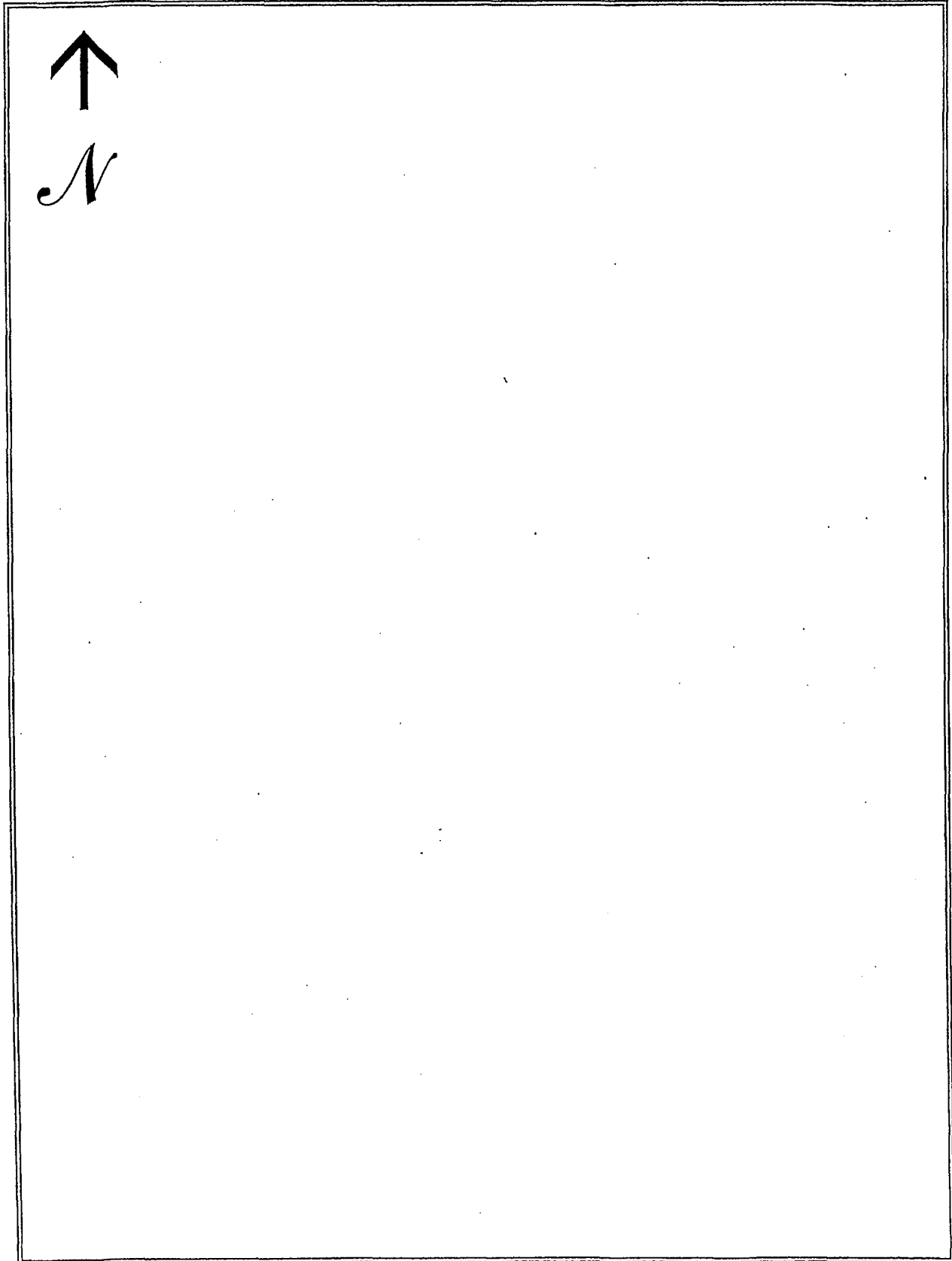
<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

5 / 22 / 02

SAMPLE / MAP #  
31

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_-\_\_\_\_.  
Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Budnyk, Ricky L. & Kathleen L. PHONE: (\_\_\_\_) \_\_\_\_-\_\_\_\_  
ADDRESS: 62 Sego Sago Rd.

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? 0.32 acres
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:



LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

5/22/02

SAMPLE / MAP #  
39

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Hunsecker, Jeffrey L. & Kerry M. PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 70 Sego Sago Rd.

1. How many people live in your house? 6 SEASONAL / ALL YEAR?
2. How large is your lot? 0.32 acres
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? Salt-softner  
If you have a well: Is it DUG or DRILLED? How Deep? ? ft. Cased? YES or NO  
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? ~2 years ago  
What were the results? hard water - but OK.
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

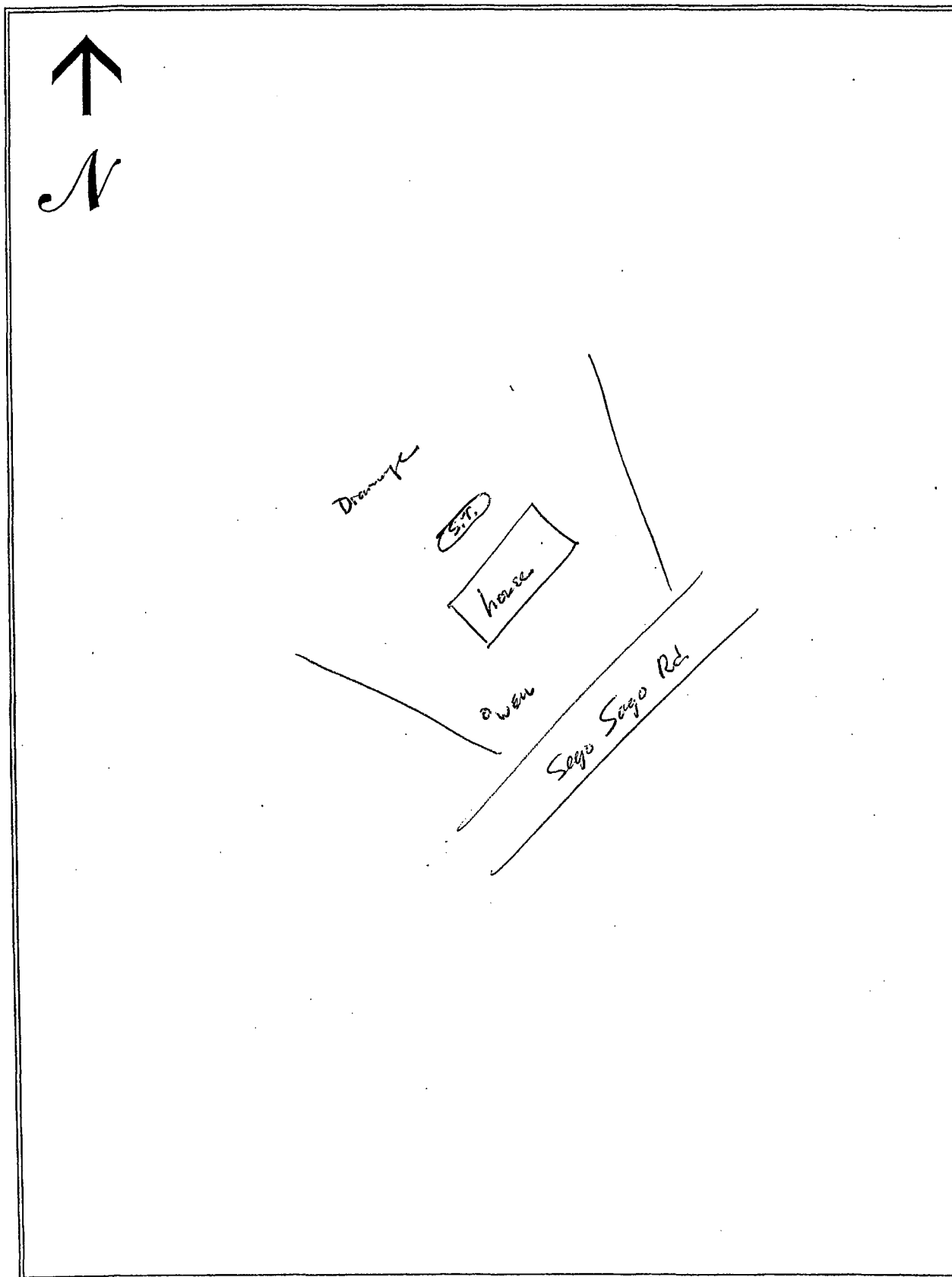
<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? ~18 years Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
<u>SLUGGISH DRAINS</u>	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? once Last time? ~7 years ago  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

5/22/02

SAMPLE / MAP #  
33

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Renicky, Donald D. & Florence E. PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 376 Sunrise Dr.

- How many people live in your house? 2 SEASONAL / ALL YEAR?
- How large is your lot? 0.42 acres
- Do you have more than one sewage system on your lot? YES or (NO) 1,000 gal tank  
If yes, explain: \_\_\_\_\_
- What kind of water system do you have? (WELL) SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? (YES) OR NO If yes, how? Reverse Osmosis / Scaler  
If you have a well: Is it DUG or (DRILLED)? How Deep? ~255 ft. Cased? YES or NO  
How far is the well or spring from the drain field ~75-100 ft. Is well (UP) / DOWN SLOPE  
Have you every had your water tested? (YES) or NO When? 2-3 times in past  
What were the results? OK.
- What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

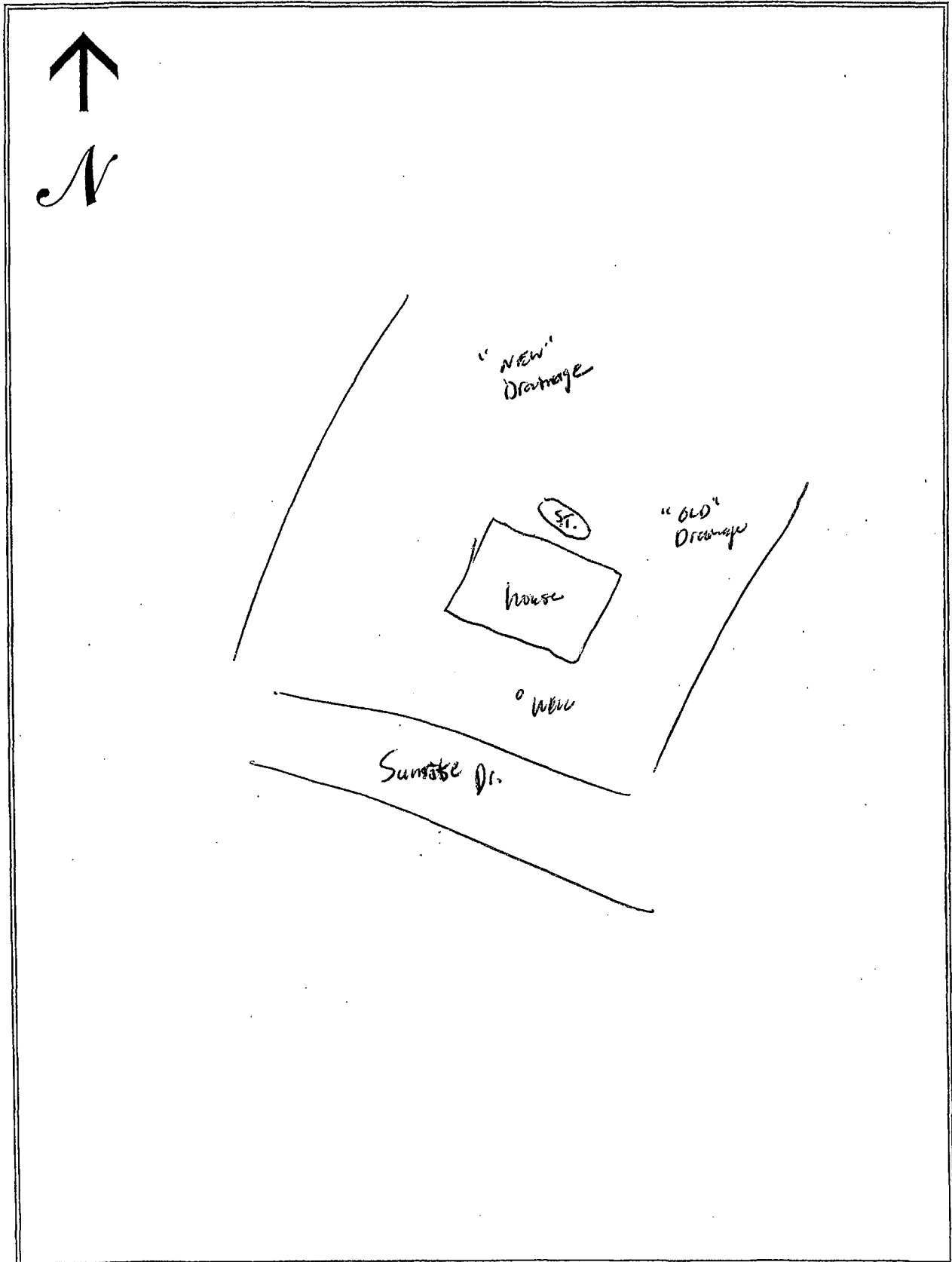
<u>(SEPTIC TANK)</u>	INGROUND BED	COMMUNITY SEWER
<u>(CESSPOOL)</u>	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
- Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>(SEPTIC TANK)</u>	INGROUND BED	COMMUNITY SEWER
<u>(CESSPOOL)</u>	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
- How old is your system? ~30 yrs. Was it permitted? Y / N When? \_\_\_\_\_
- Have you every noticed any of the following near your septic system?  

<u>Occasional patches</u> <u>(GREEN LUSH GRASS)</u>	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
- Was your system every pumped out? (YES) or NO How often? 2 years Last time? last month  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
- Was your system ever repaired? (YES) or NO When? ~18 years ago. By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED (DRAIN FIELD) REPAIRED/REPLACED  
moved ~20 years
- Are there any other sewage problems you are aware of?
- COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

5/29/02

SAMPLE / MAP #

34

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Shirley Fisher PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 1061 Mountain Rd

1. How many people live in your house? 4 SEASONAL / ALL YEAR?
2. How large is your lot? 1 Acre
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? Softener  
If you have a well: Is it DUG or DRILLED? How Deep? 122 ft. Cased? YES or NO  
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWNSLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? 10yrs  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

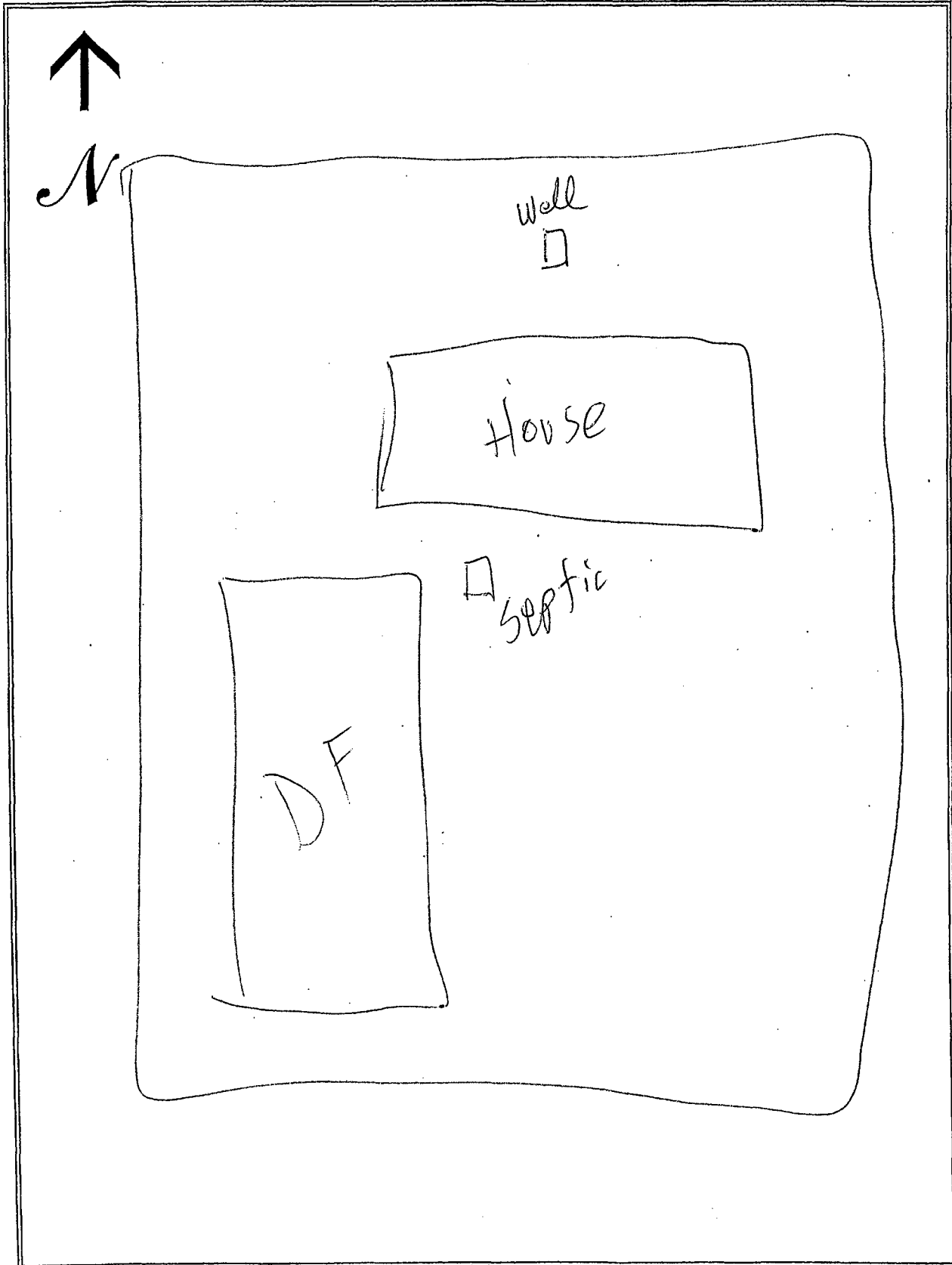
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 25yrs Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? 2yrs Last time? Jan. 2002  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

5/22/02

SAMPLE / MAP #  
35

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Mearkle, Gerald C. & Karen L. PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 661 Laurel View Dr.

1. How many people live in your house? 3 SEASONAL / ALL YEAR
2. How large is your lot? 0.30 acres
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? Salt - Softner  
If you have a well: Is it DUG or DRILLED? How Deep? 325 ft. Cased? YES or NO  
5. How far is the well or spring from the drain field > 100 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? ~ 15 yrs. ago  
What were the results? OK
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

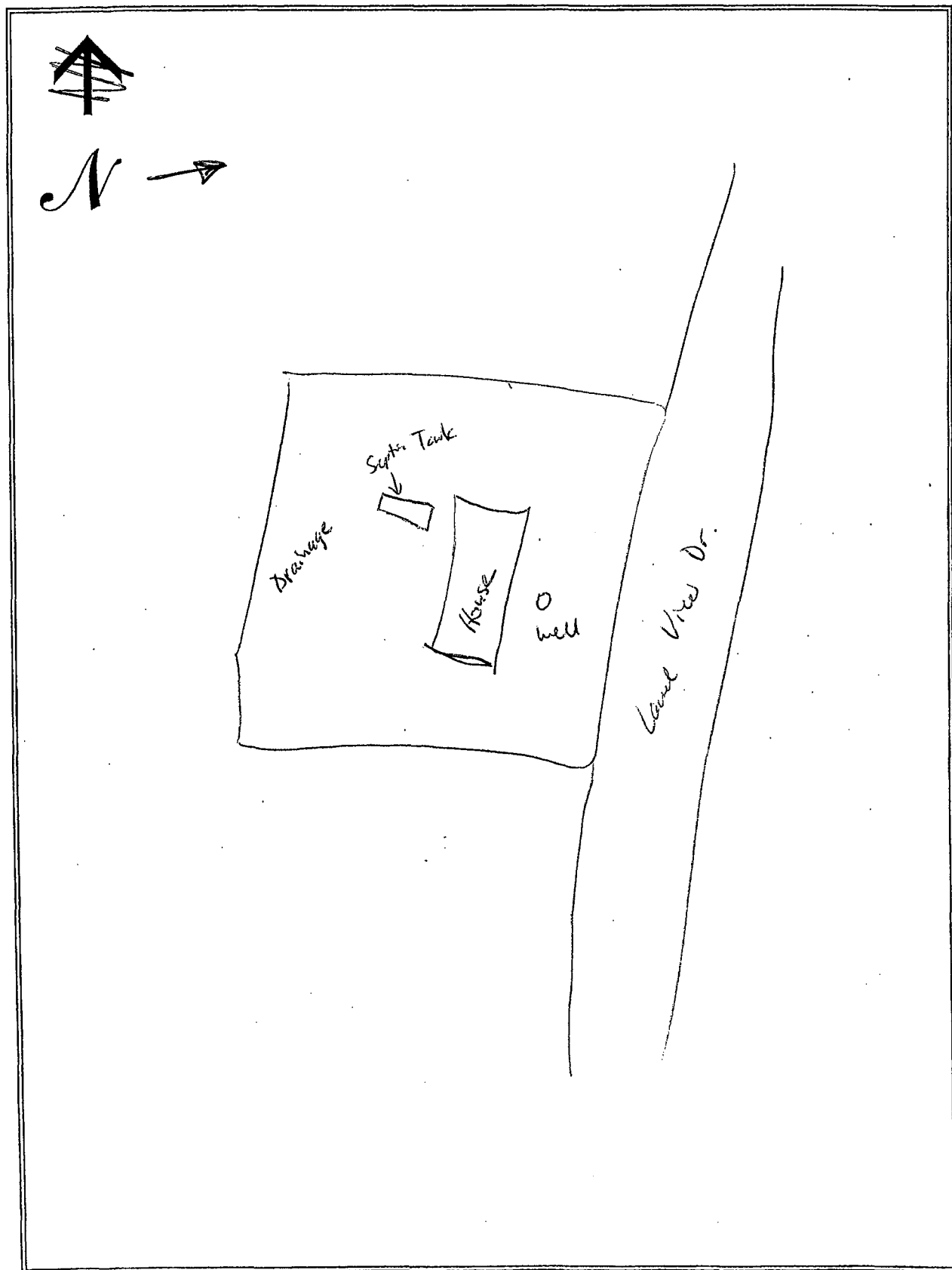
<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? ~ 20 yrs Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

<u>GREEN LUSH GRASS</u>	WETNESS OR SPONGY AREAS
<u>ODORS - slight</u>	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? ~ 3 yrs Last time? few months ago  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:



## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

5/22/02

SAMPLE / MAP #

36

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Emmert, John H. & Kathryn K. PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 648 Laurel View Dr.

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? 0.08 acres
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

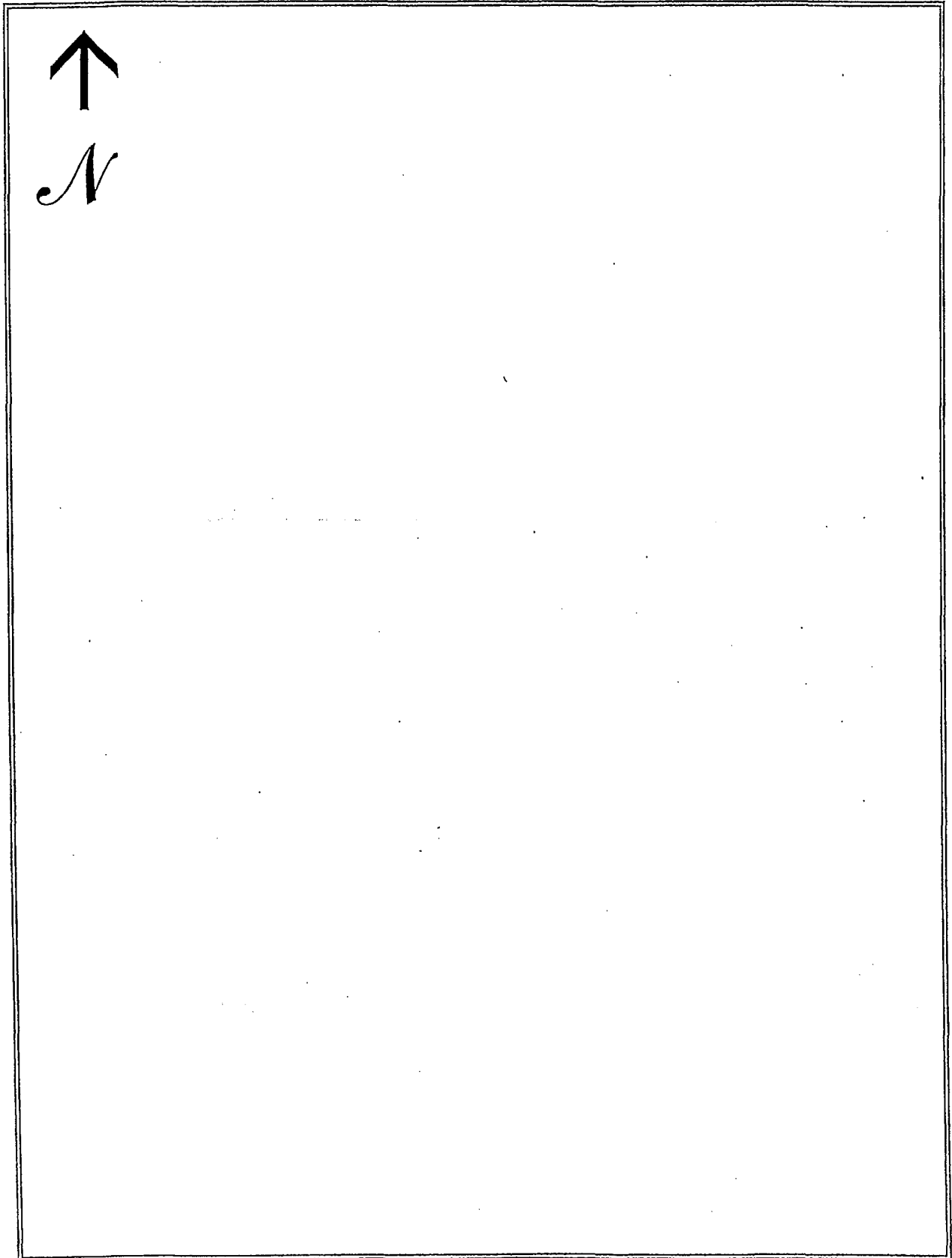
<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

5/22/02

SAMPLE / MAP #

37

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Cromer Steven C. & Lindy L. PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 719 Laurel View Dr.

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? 0.41 acres
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

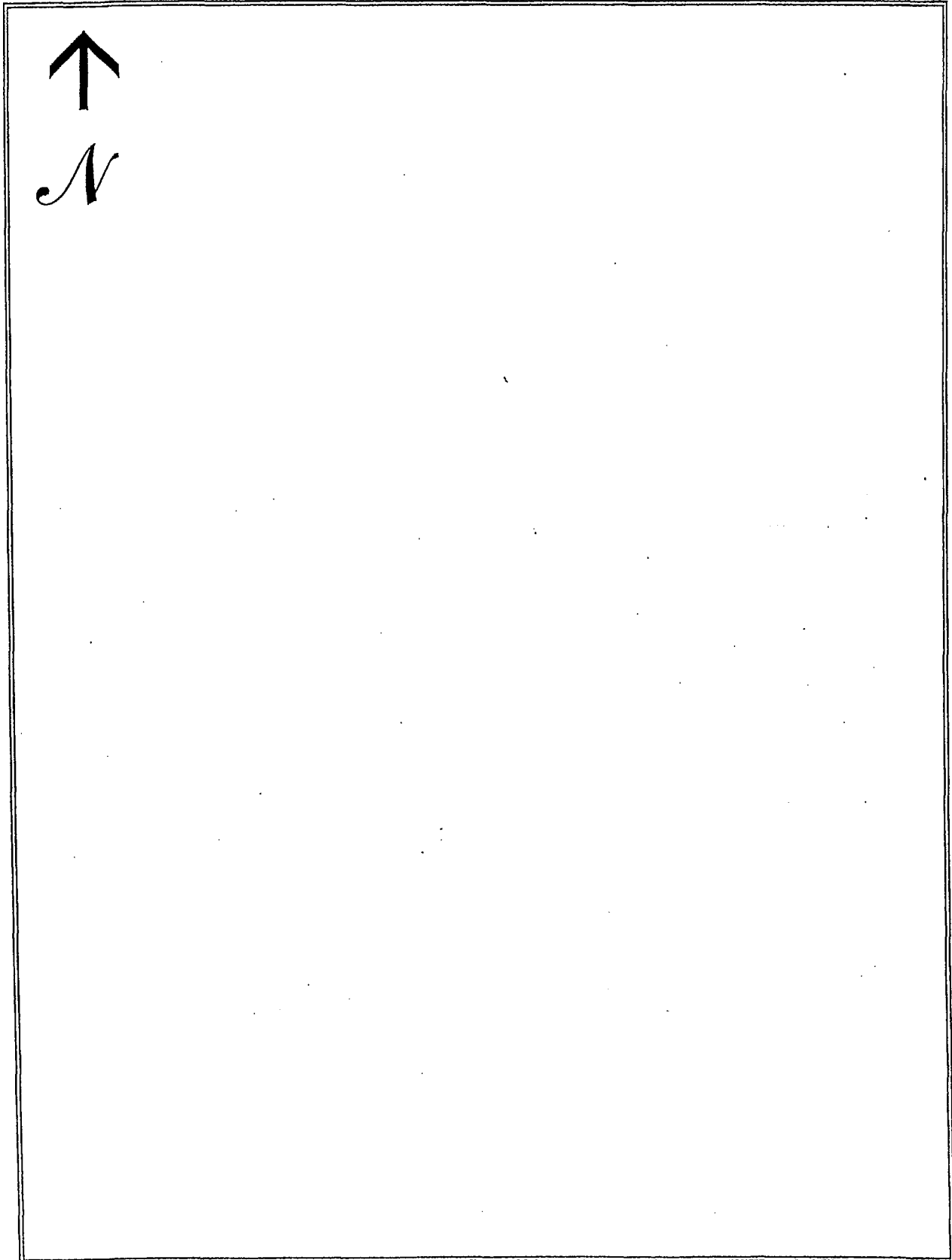
<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

5/22/02

SAMPLE / MAP #  
38

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Flory, Paul L. & Leslie J. PHONE: (\_\_\_\_) \_\_\_\_\_  
ADDRESS: 729 Laurel View Dr.

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? 0.56 acres
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

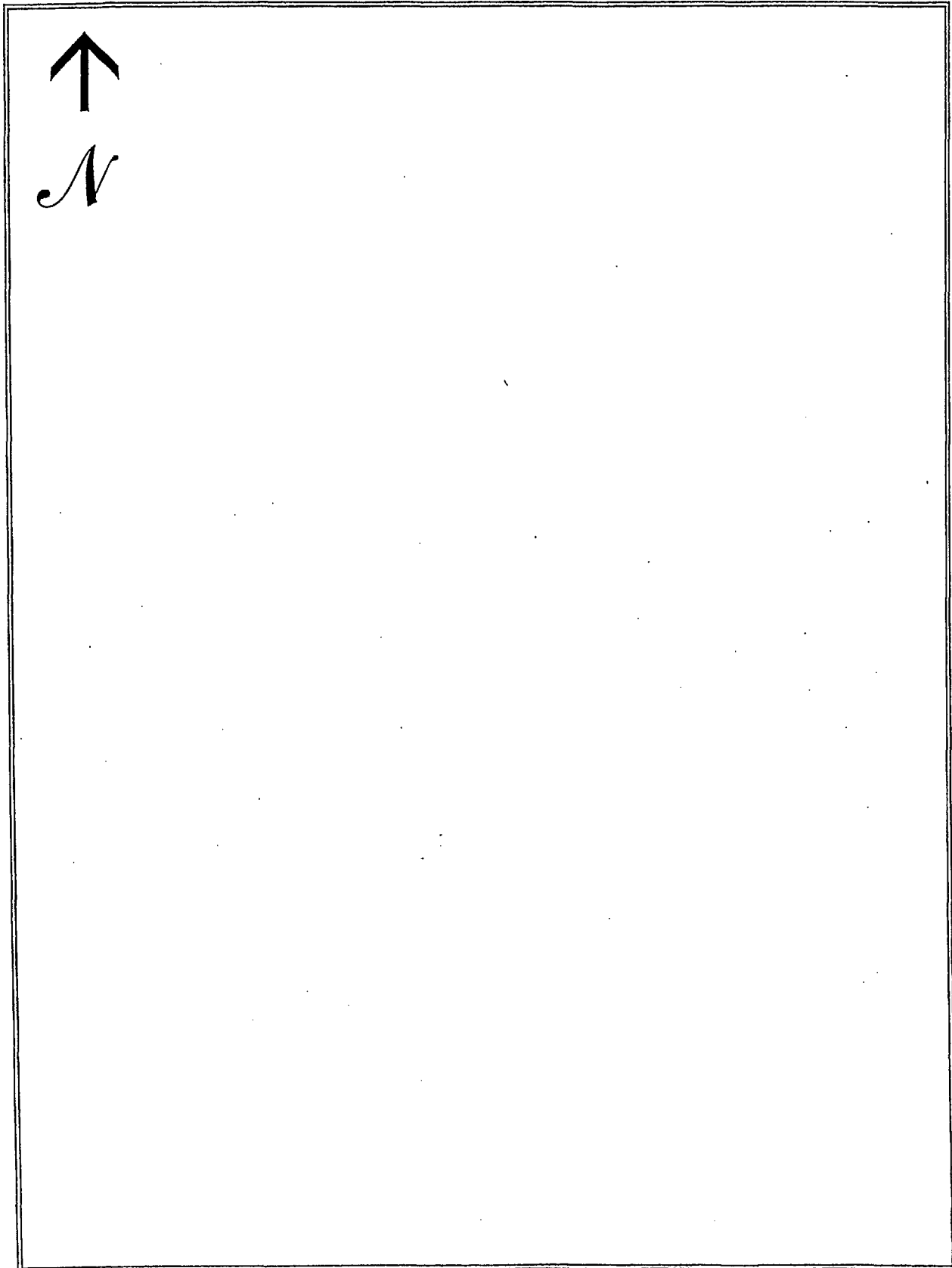
<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

5/22/02

SAMPLE / MAP #  
39

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Silvers, Roger & Meredith PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 743 Laurel View Dr.

1. How many people live in your house? 2 SEASONAL / ALL YEAR?
2. How large is your lot? 0.36 acres
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? NO  
If you have a well: Is it DUG or DRILLED? How Deep? ? ft. Cased? YES or NO  
5. How far is the well or spring from the drain field > 50 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

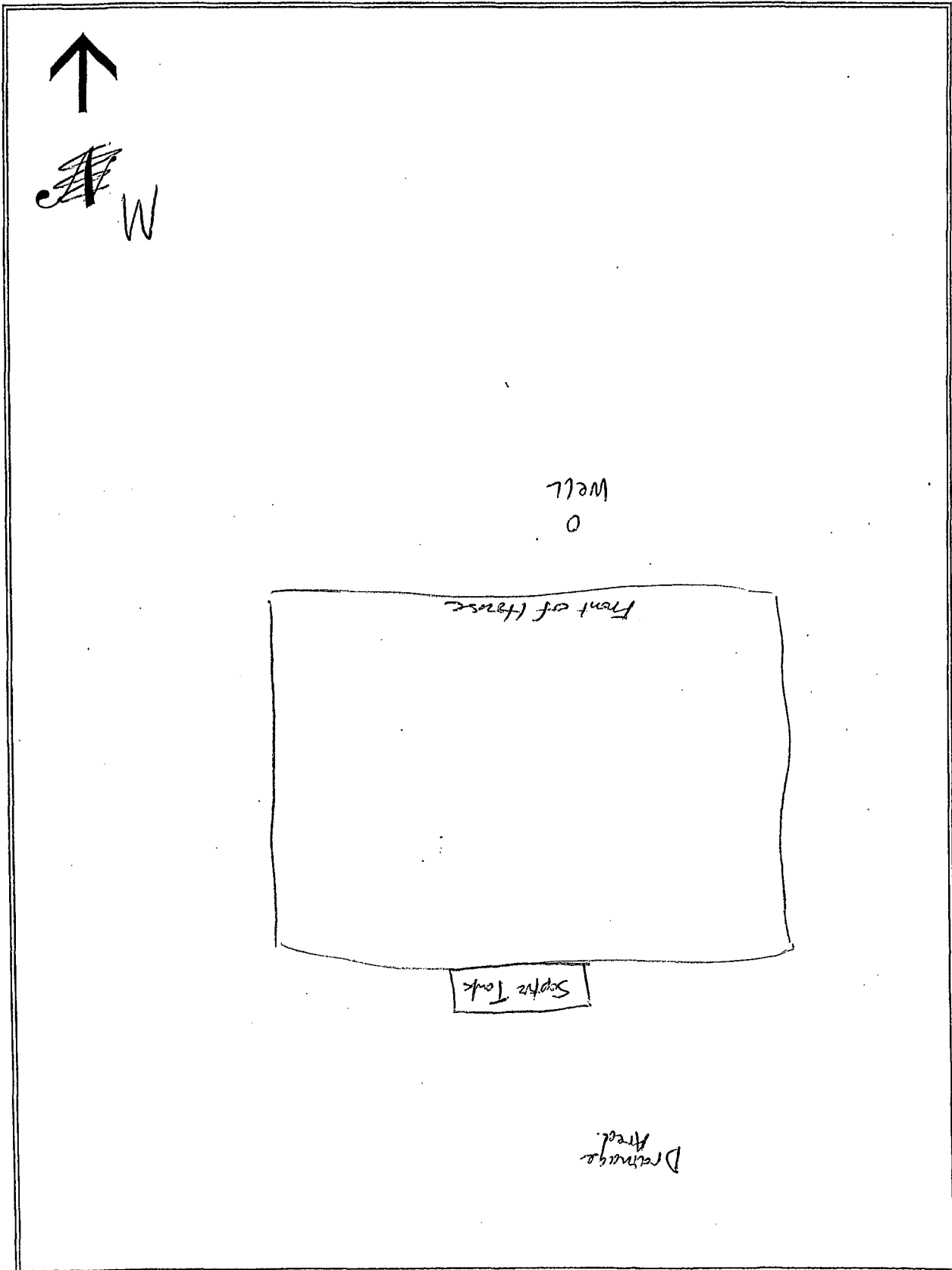
<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 16 yrs. Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? Yes Once Last time? 5 years ago  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:



## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

5/22/02

SAMPLE / MAP #

40

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Hershey, Shawn L. & Jennifer S. PHONE: (\_\_\_\_) \_\_\_\_\_  
ADDRESS: 763 Laurel View Dr.

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? 0.45 acres
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

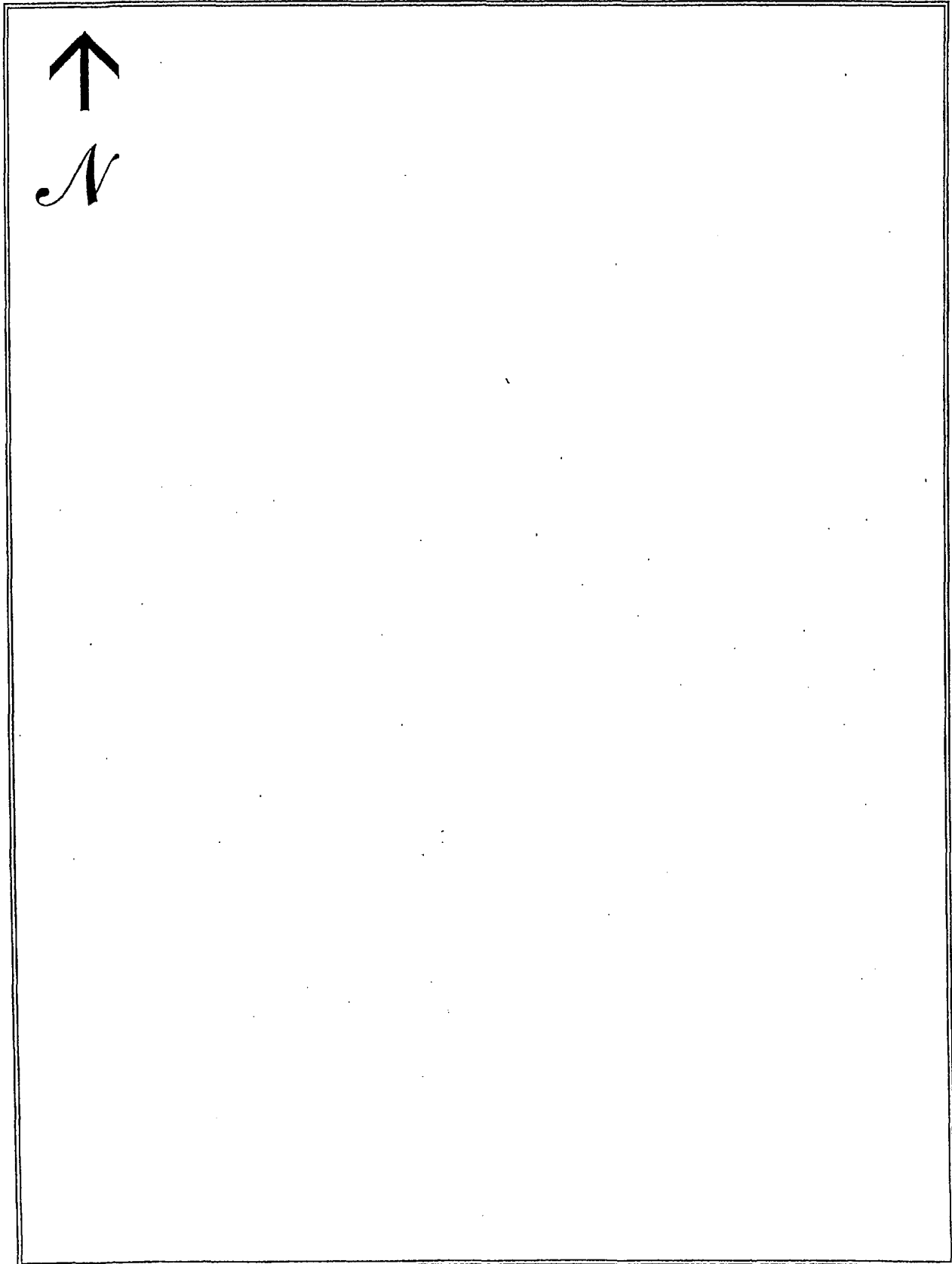
<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

<u>GREEN LUSH GRASS</u>	<u>WETNESS OR SPONGY AREAS</u>
<u>ODORS</u>	<u>WATER PONDING OR SURFACING</u>
<u>SLUGGISH DRAINS</u>	<u>WASTEWATER BACKING INTO THE HOME</u>
<u>SYSTEM OVERFLOW</u>	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

5/22/02

SAMPLE / MAP #

41

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Oberlin, Robert M. & Betty J. PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 1124 Lexington Rd.

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? 0.37 acres
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

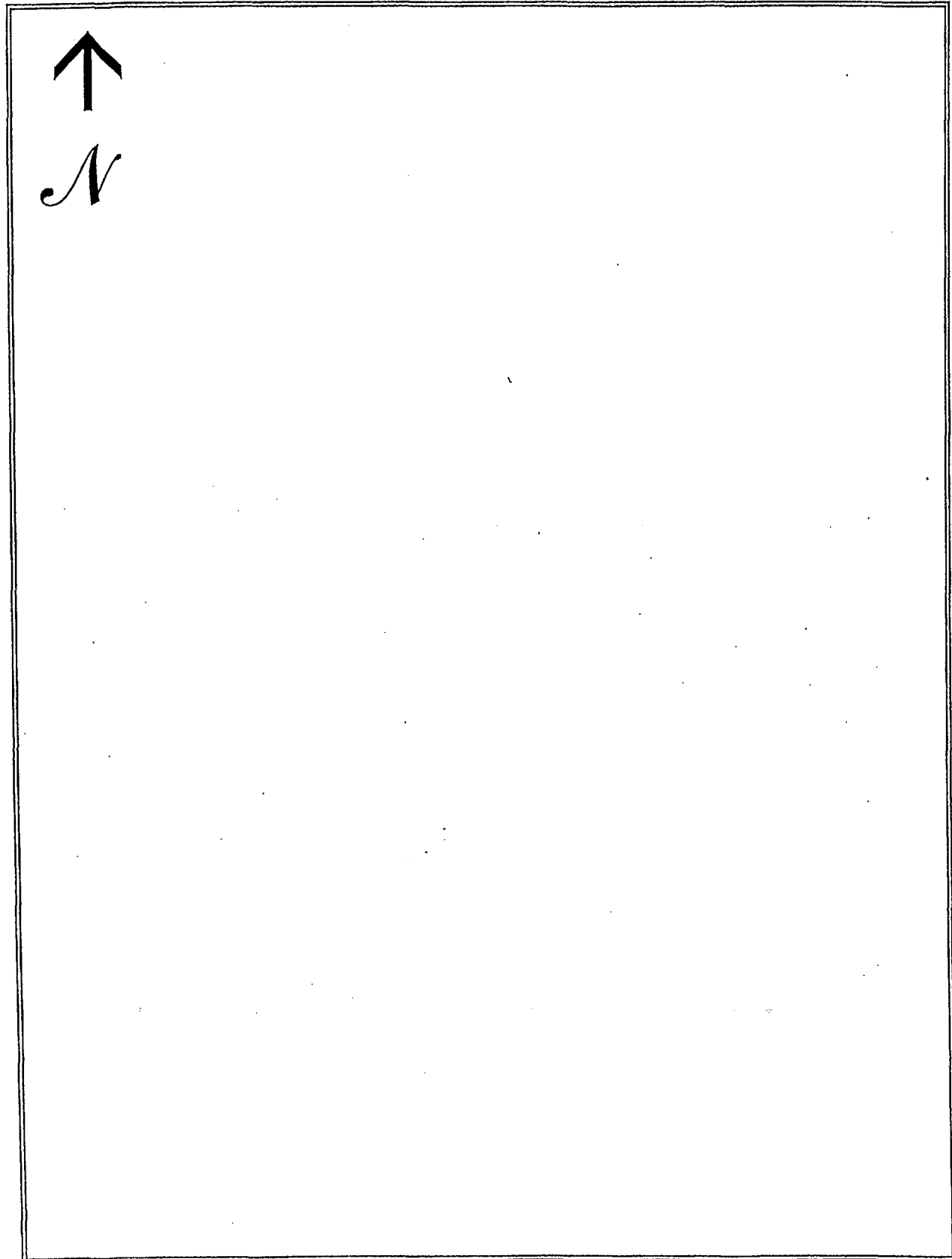
<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

5/22/02

SAMPLE / MAP #  
42

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Greenawalt, Esther E. Trustee PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 1106 Lexington Rd.

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? 0.53 acres
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

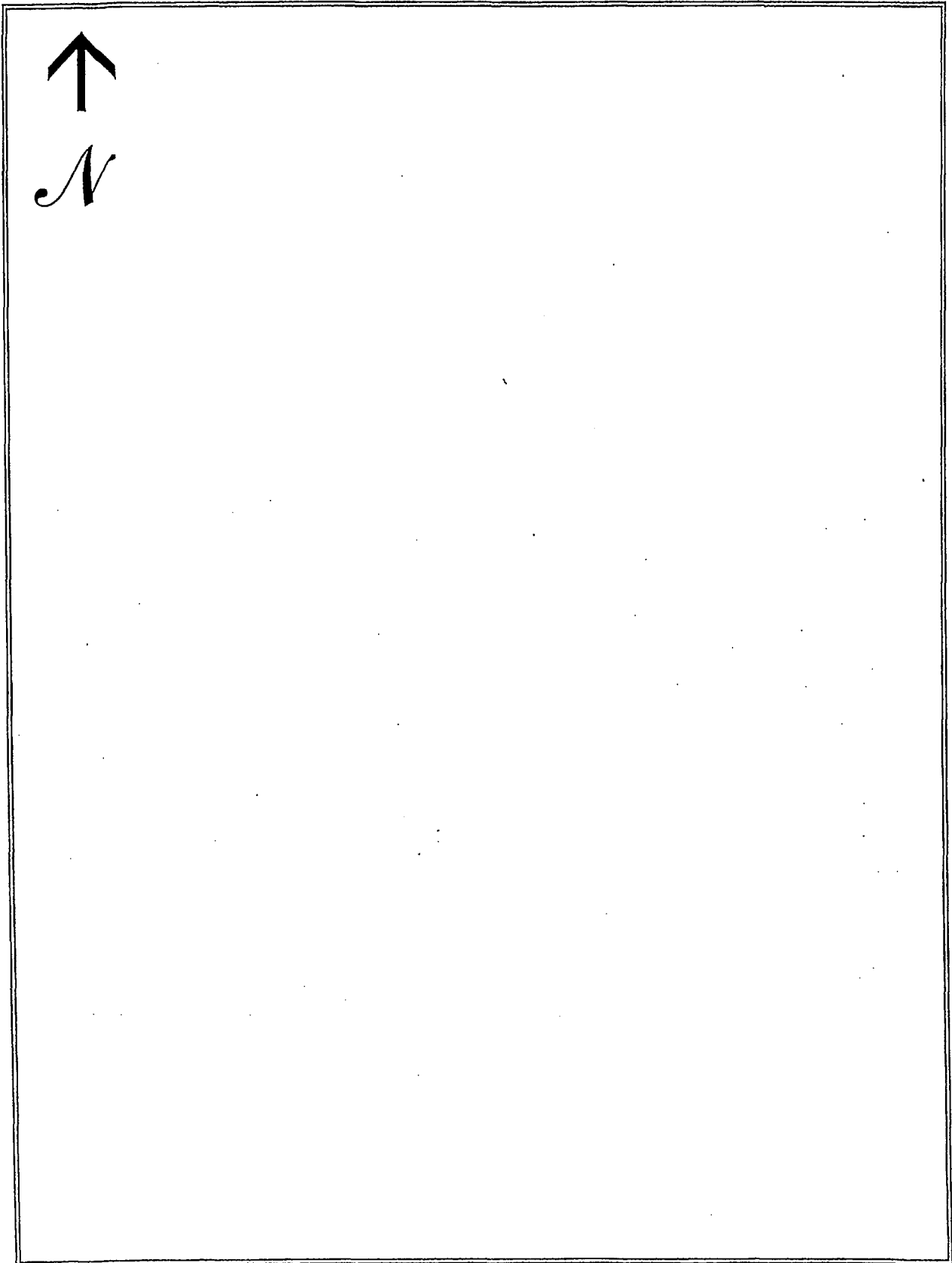
<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



SAMPLE/MAP #

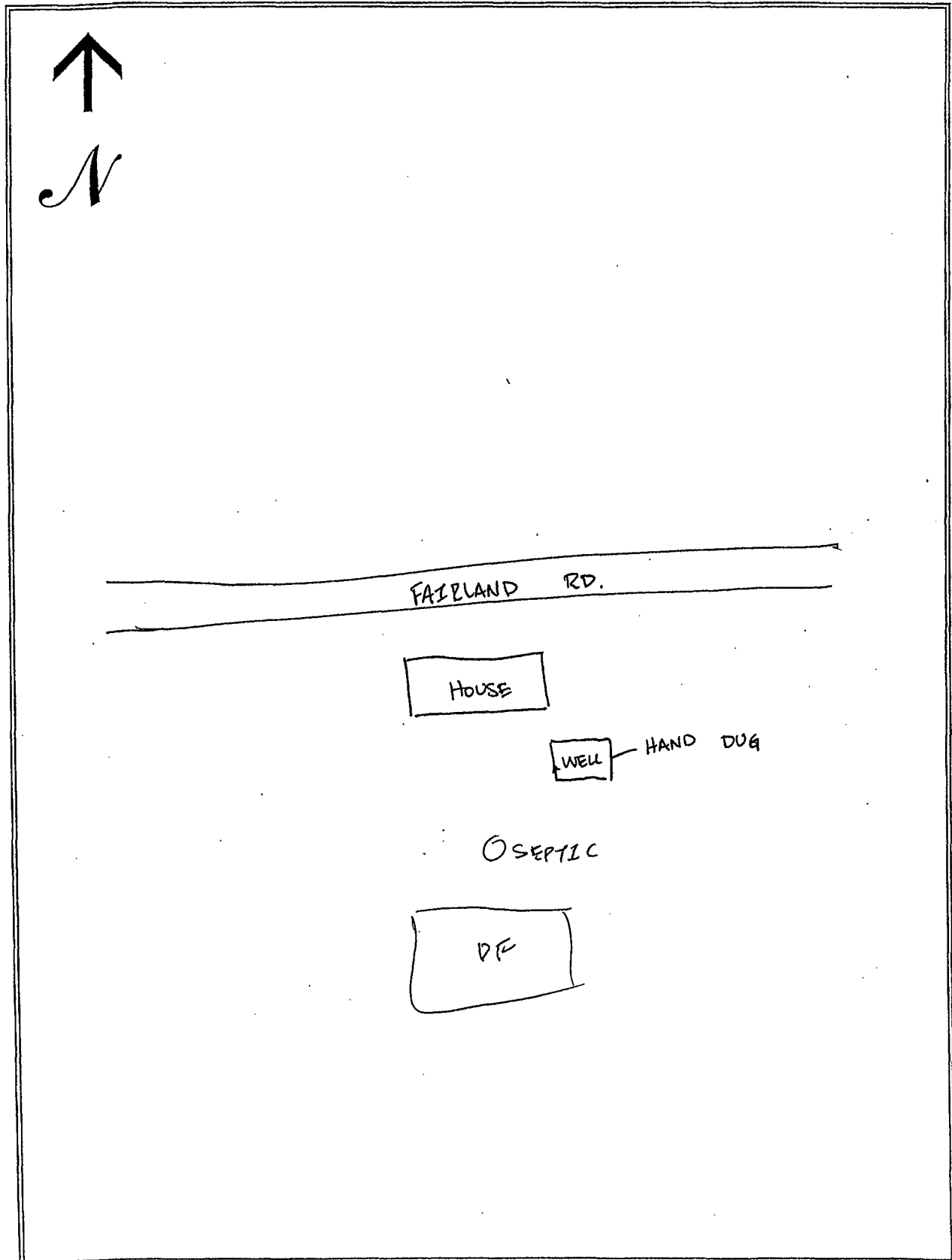
43

14. COMMENTS:



## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

5/22/02

SAMPLE / MAP #

44

PENN (Boro/Twp) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: MAUST PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 126 FAIRFIELD

- How many people live in your house? 4 SEASONAL / ALL YEAR?
- How large is your lot? 0.60
- Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
- What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? 300-400 ft. Cased? YES or NO PVC
- How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? 11 yrs.  
What were the results? ↑ NO<sub>3</sub>
- What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

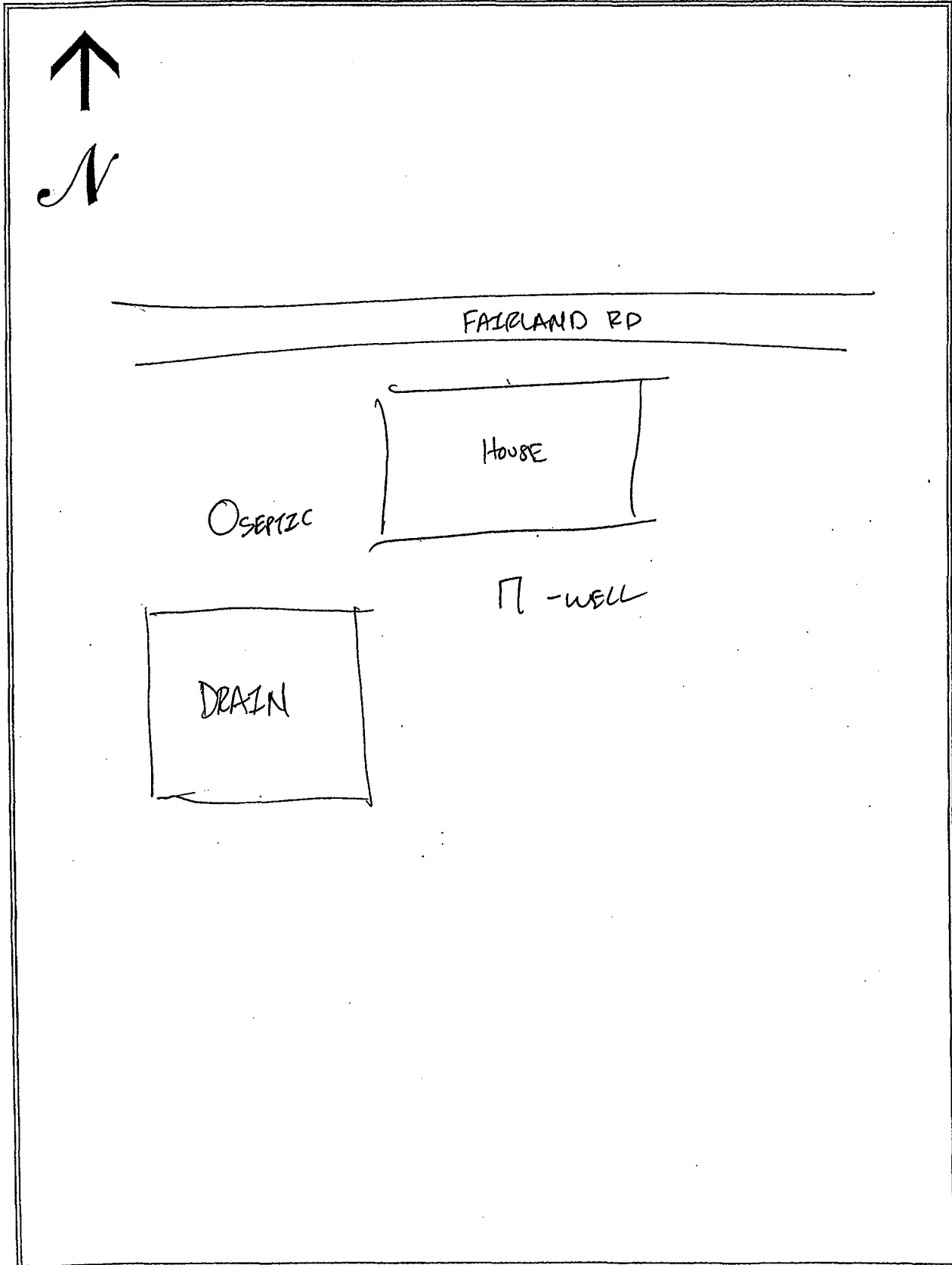
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
- Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
- How old is your system? 12 yrs. ago Was it permitted? Y N When? 12 yrs Ago
- Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS	<u>NONE</u>
ODORS	WATER PONDING OR SURFACING	
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME	
SYSTEM OVERFLOW	OTHER _____	
- Was your system every pumped out? YES or NO How often? 4-5 yrs. Last time? ~ 3 yrs.  
If it was pumped, was it inspected for cracks or broken baffles? NO
- Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED  
PUMP
- Are there any other sewage problems you are aware of? NONE
- COMMENTS:

LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

5/23/02

SAMPLE / MAP #  
45

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Stoltzfus, Eli B. & Marion S. PHONE: (\_\_\_\_) \_\_\_\_\_  
ADDRESS: 106 Fairland Road

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? 0.90 acres
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO  
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

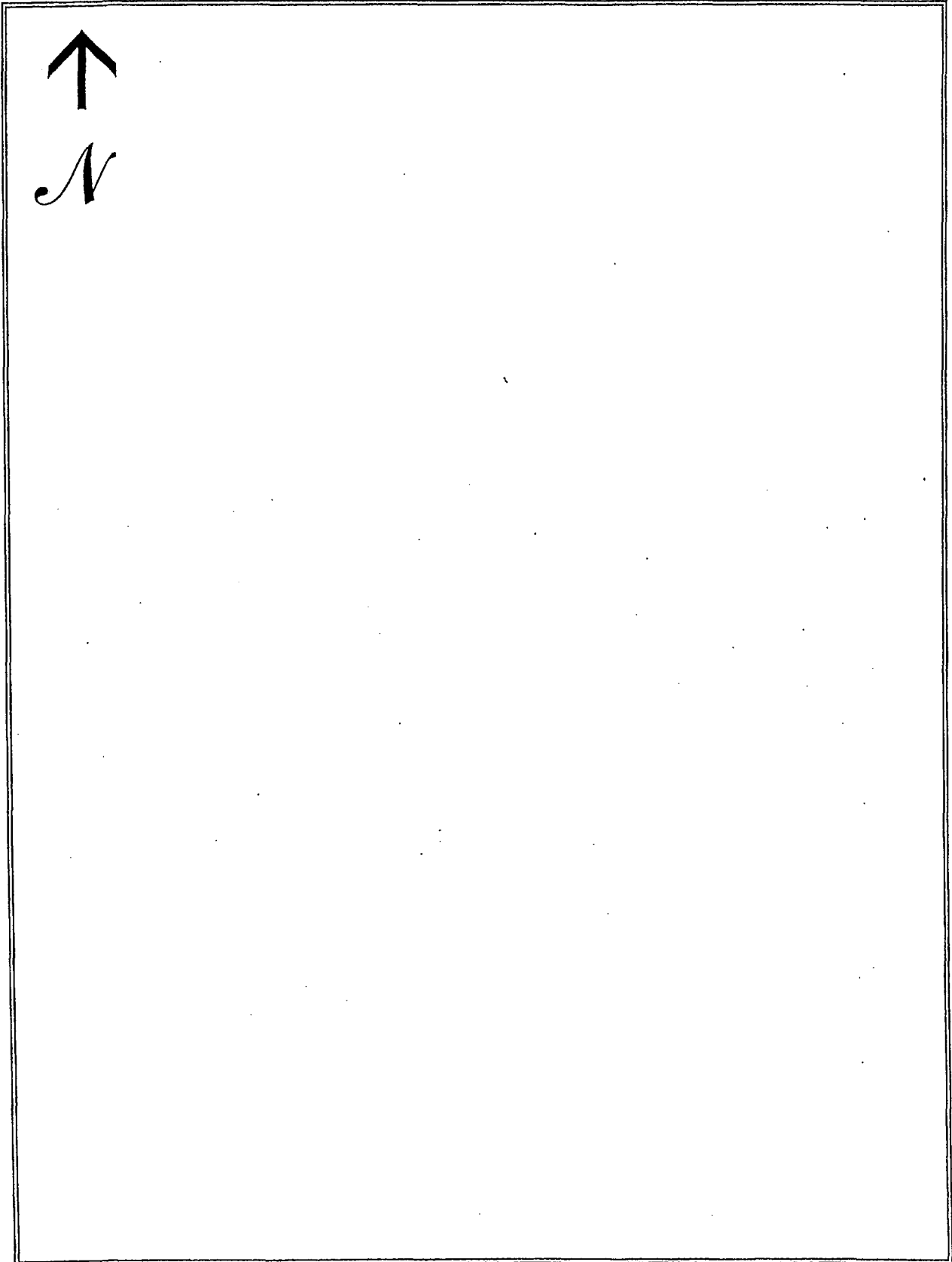
<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

5 / 23 / 02

SAMPLE / MAP #

46

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Nissley, John L. PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 95 Fairland Rd.

- How many people live in your house? 2 SEASONAL / ALL YEAR
- How large is your lot? 0.60 acres
- Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
- What kind of water system do you have? WELL SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? ? ft. Cased? YES or NO
- How far is the well or spring from the drain field ~100 ft. Is well UP / DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
- What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

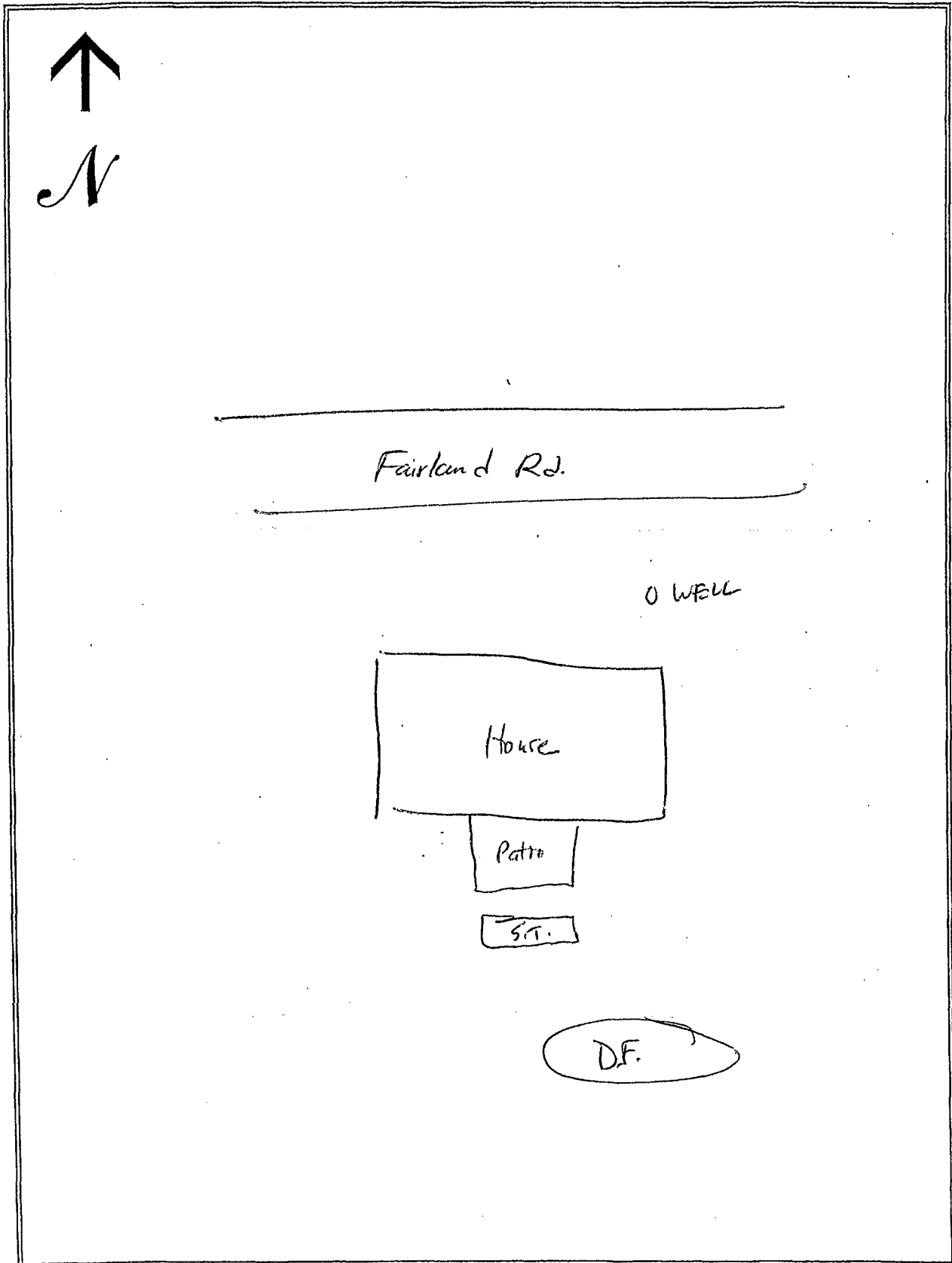
<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
<u>CESSPOOL</u>	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
- Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
<u>CESSPOOL</u>	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
- How old is your system? ~28 yrs. Was it permitted? Y / N When? \_\_\_\_\_
- Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
- Was your system every pumped out? YES or NO How often? once Last time? years ago  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
- Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
- Are there any other sewage problems you are aware of?
- COMMENTS:

# LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

5/23/82

SAMPLE / MAP #  
47

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by      /      /      to the municipal office at:

If you have any questions please contact                      at (      )                     .

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Sample, Harold L., Jr & Sandra J. PHONE: (      )      -       
ADDRESS: 89 Fairland Rd.

1. How many people live in your house? 2 SEASONAL / (ALL YEAR)
2. How large is your lot? 0.45 acres
3. Do you have more than one sewage system on your lot? YES or (NO)  
If yes, explain:
4. What kind of water system do you have? (WELL) SPRING? PUBLIC? OTHER?                       
Do you treat your water? YES OR (NO) If yes, how?                       
If you have a well: Is it DUG or (DRILLED) How Deep? 3 ft. Cased? YES or NO
5. How far is the well or spring from the drain field? 30 ft. Is well (UP) / DOWN SLOPE                       
Have you every had your water tested? (YES) or NO When? ~ 5 yrs ago.  
What were the results? OK.
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER <u>Sand Mound</u>	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

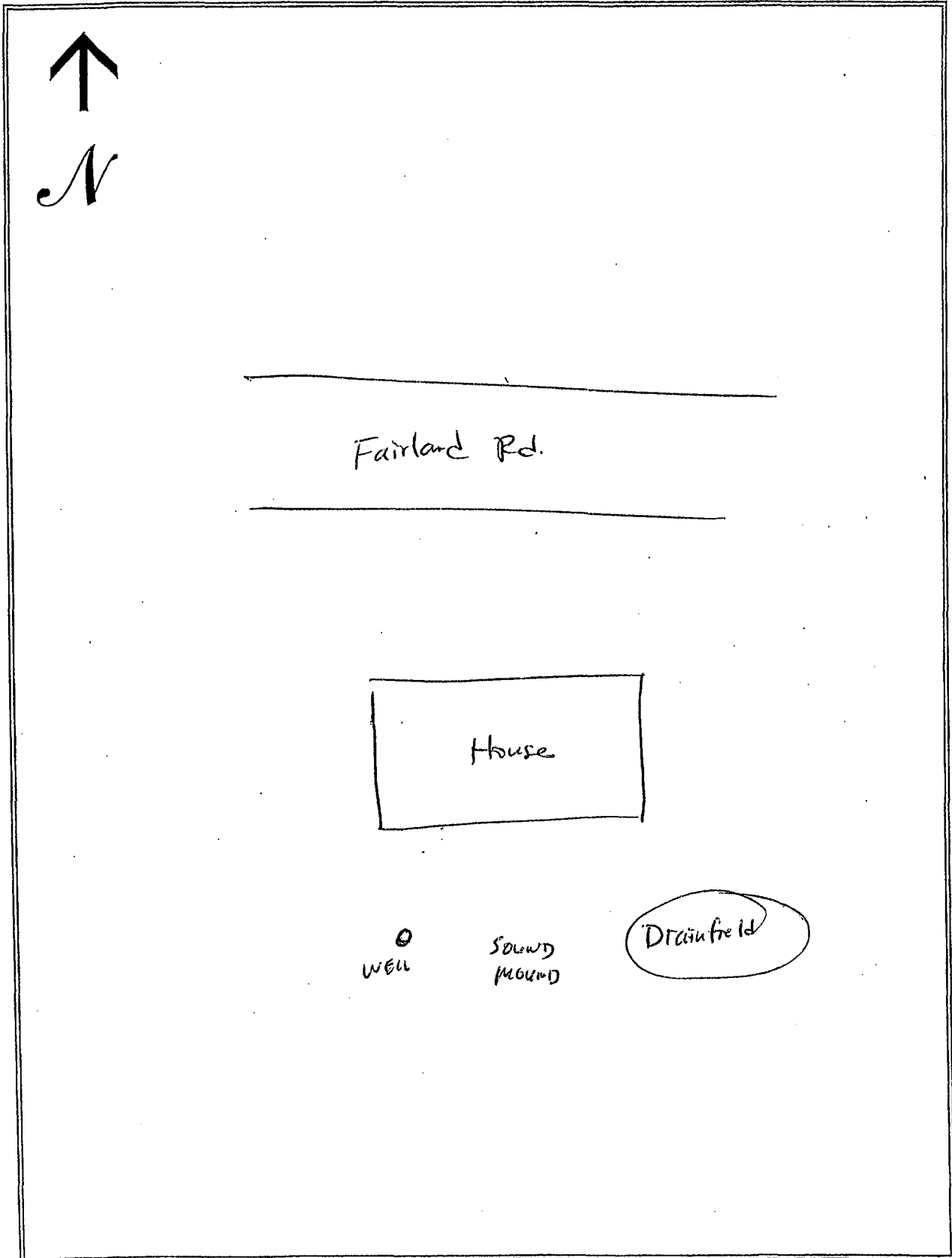
SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER <u>Sand Mound</u>	
9. How old is your system? ~ 6 yrs old. Was it permitted? Y / N When?
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER <u>                    </u>
11. Was your system every pumped out? YES or (NO) How often?                      Last time?                       
If it was pumped, was it inspected for cracks or broken baffles?
12. Was your system ever repaired? YES or (NO) When?                      By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED                      LINE: REPAIRED/REPLACED                      DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS: Amish farm run-off?



LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

5/28/02

SAMPLE / MAP #

48

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Jacques + Sandra Huber PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 77 Fairland Rd

1. How many people live in your house? 2 SEASONAL / ALL YEAR?
2. How large is your lot? 2 1/3 Acre
3. Do you have more than one sewage system on your lot? YES or (NO)  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO  
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

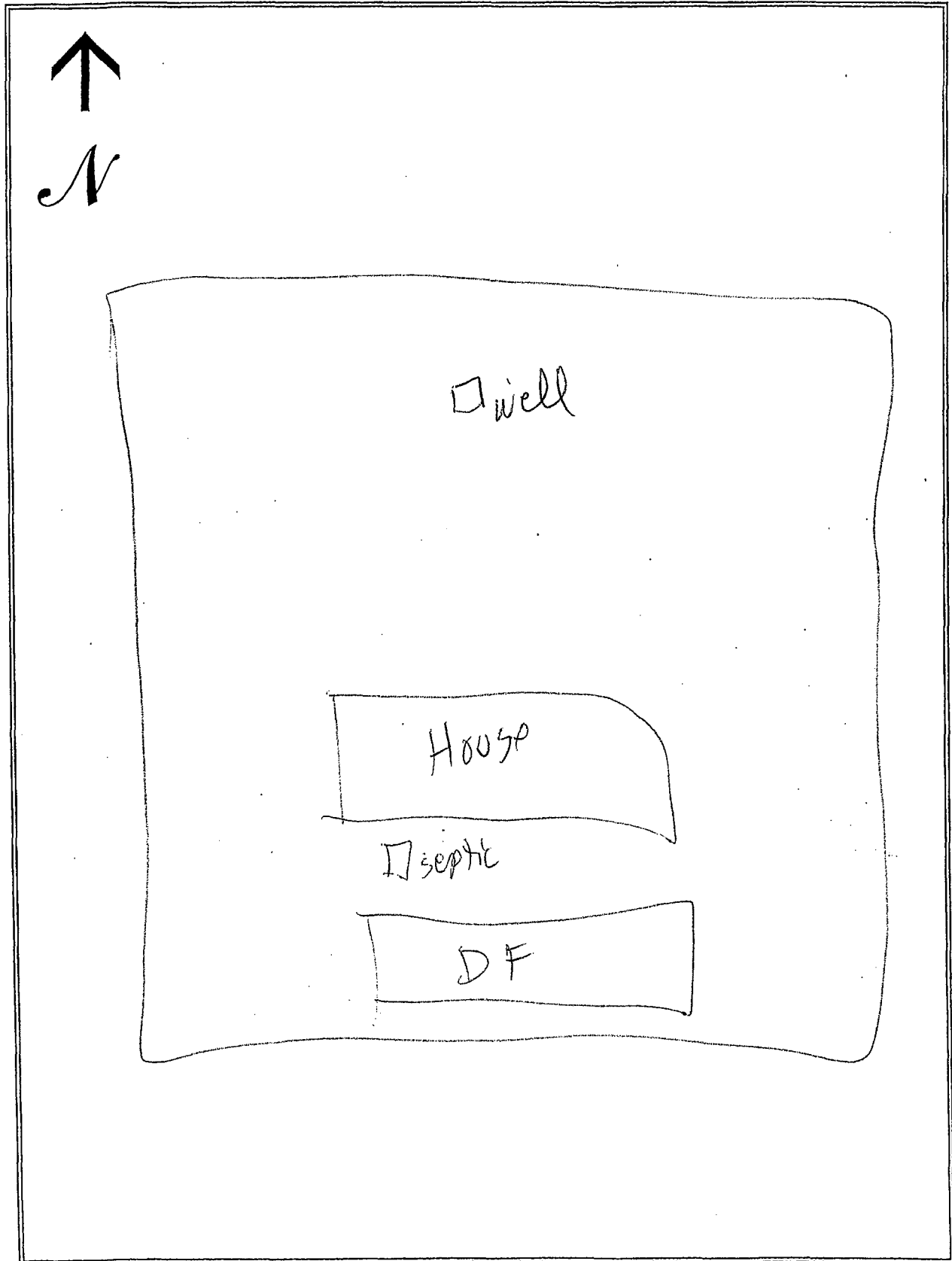
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

5/23/02

SAMPLE / MAP #  
50

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: John, Darryl M. & Susan L. PHONE: (\_\_\_\_) \_\_\_\_\_  
ADDRESS: 60 Fairland Rd

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? 0.73 acres
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

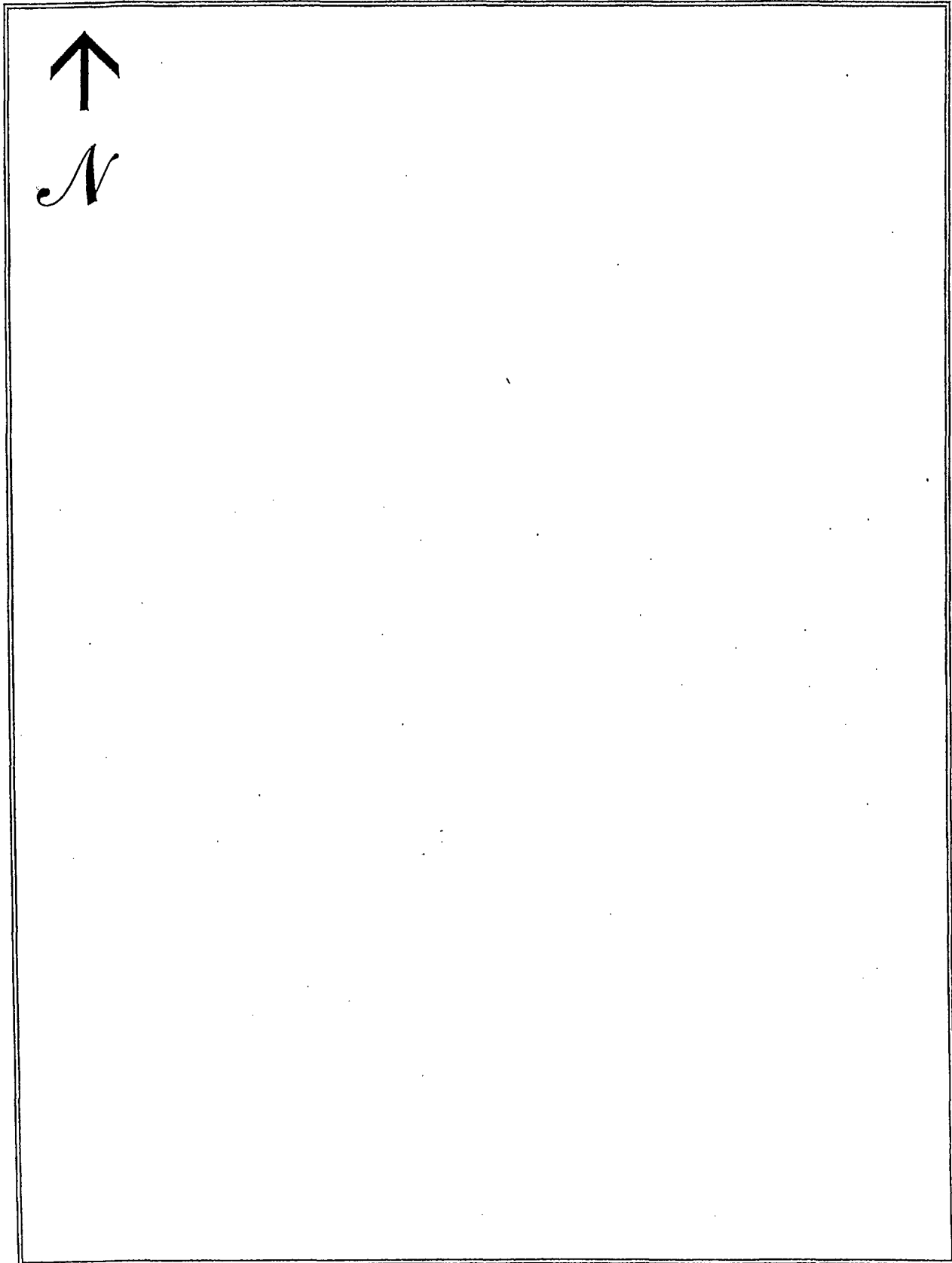
SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL ?	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

5/23/02

SAMPLE / MAP #

51

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Beiler, Larry L. & Terri L. PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 40 Fairland Rd.

- How many people live in your house? 4 SEASONAL / ALL YEAR?
- How large is your lot? 0.68 acres
- Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
- What kind of water system do you have? WELL SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? ? ft. Cased? YES or NO \_\_\_\_\_
- How far is the well or spring from the drain field ~150 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? ~10 yrs. ago.  
What were the results? OK.
- What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

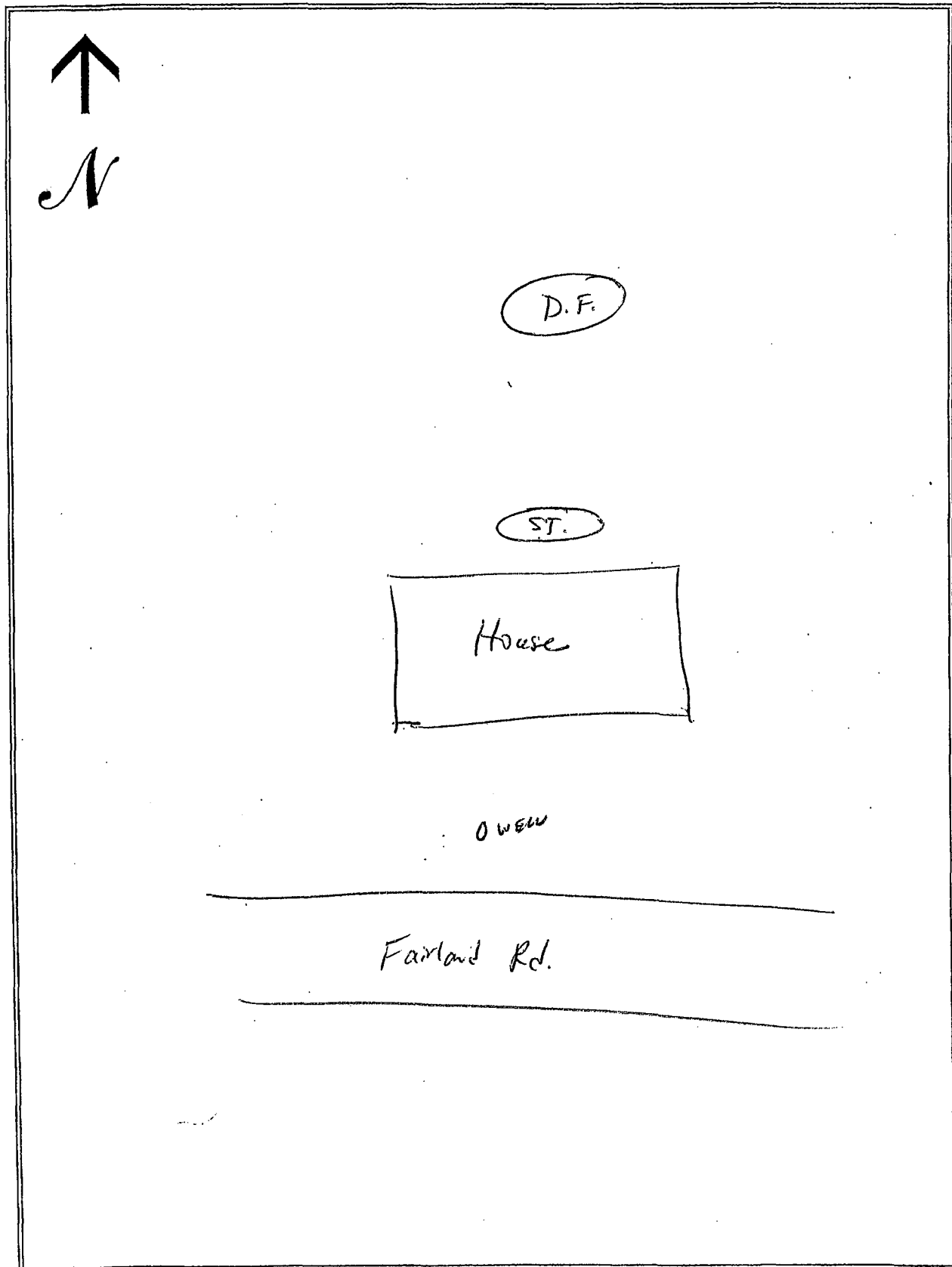
<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
- Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
- How old is your system? ~30 yrs. Was it permitted? Y / N When? \_\_\_\_\_
- Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
- Was your system every pumped out? YES or NO How often? 3-5 yrs. Last time? ~2 yrs. (guess)  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
- Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
- Are there any other sewage problems you are aware of?
- COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

52

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_-\_\_\_\_.  
Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: William McLaren PHONE: (\_\_\_\_) \_\_\_\_-\_\_\_\_  
ADDRESS: 33 Fairland Rd.

1. How many people live in your house? 5 SEASONAL / ALL YEAR?
2. How large is your lot? 1/2 Acre
3. Do you have more than one sewage system on your lot? YES or (NO)  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or (DRILLED)? How Deep? \_\_\_\_\_ ft. Cased? YES or NO  
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or (NO) When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

<u>(SEPTIC TANK)</u>	<u>(INGROUND BED)</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

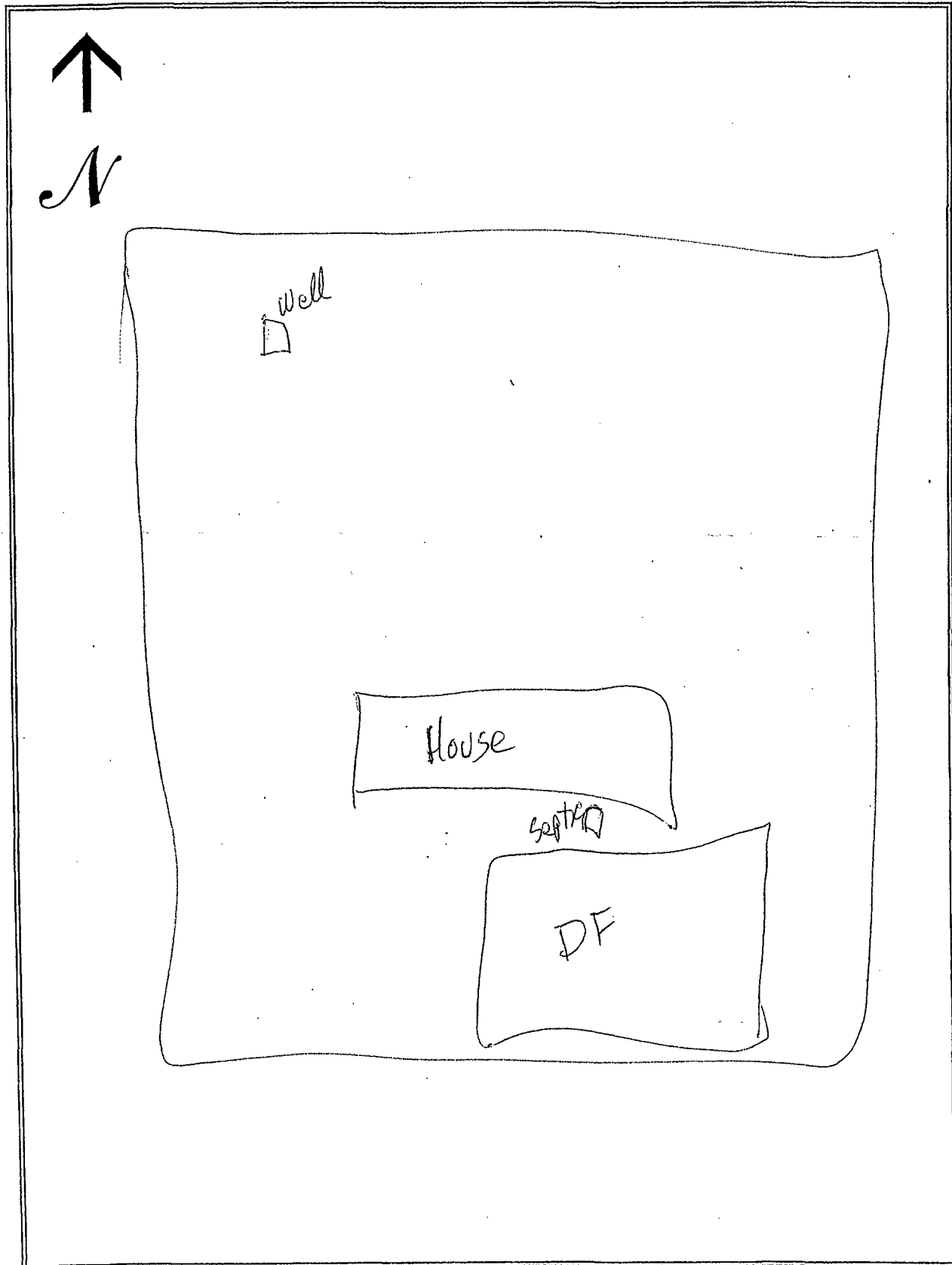
<u>(SEPTIC TANK)</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 20 yrs Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

<u>(GREEN LUSH GRASS)</u>	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? (YES) or NO How often? yearly Last time? last yr  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or (NO) When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:



## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY 5/23/02

SAMPLE / MAP #  
53

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_-\_\_\_\_.  
Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Smolar, Frank G, Jr. & Nancy S. PHONE: (\_\_\_\_) \_\_\_\_-\_\_\_\_  
ADDRESS: 448 S. Cope Hill Dr.

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? 0.63 acres
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO  
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

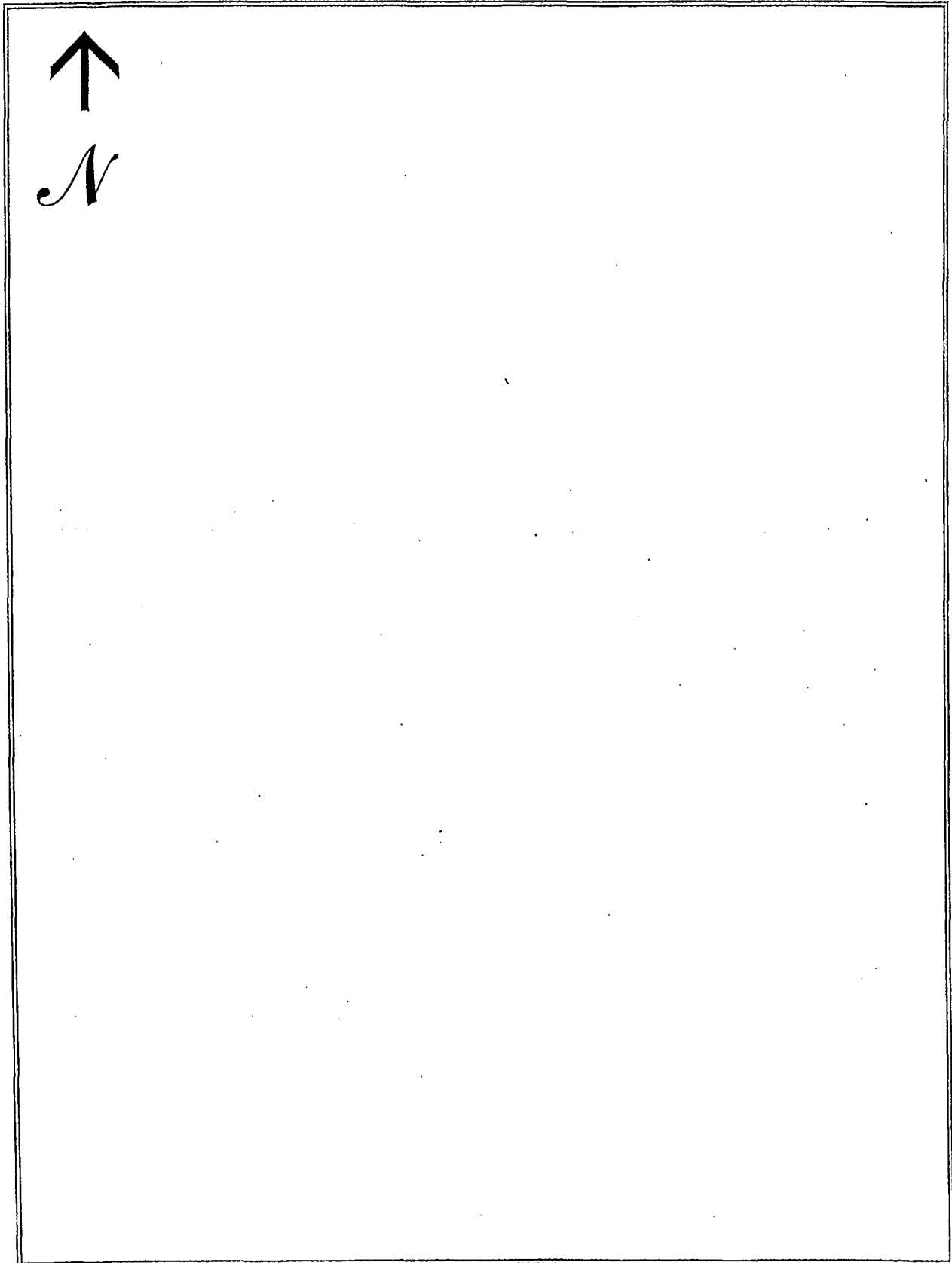
SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

5/23/02

SAMPLE/MAP #

54

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Leakway, Leslie G. & Sandra L. PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 436 S. Cape Hill Dr.

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? 0.70 acres
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? (WELL) SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

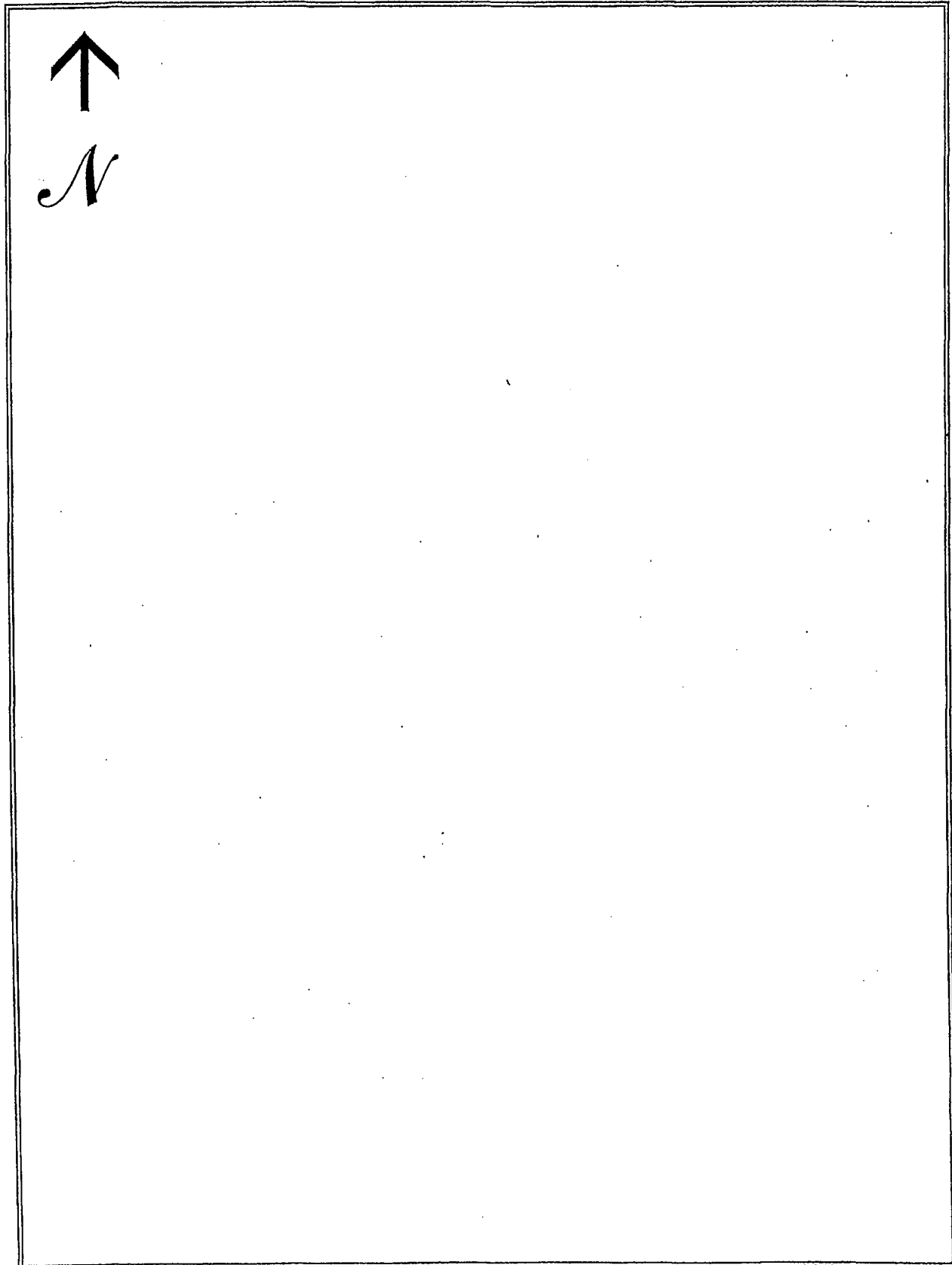
SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

55

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: J A + L Young Revocable Trust PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 414 S. Cope Hill Rd

1. How many people live in your house? 3 SEASONAL / ALL YEAR?
2. How large is your lot? 1/2 Acre
3. Do you have more than one sewage system on your lot? YES or (NO)  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? (WELL?) SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? (YES) OR NO If yes, how? Soda Ash & Softener  
If you have a well: Is it DUG or (DRILLED?) How Deep? 385 ft. Cased? YES or NO  
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? (YES) or NO When? 3 yrs  
What were the results? OK
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

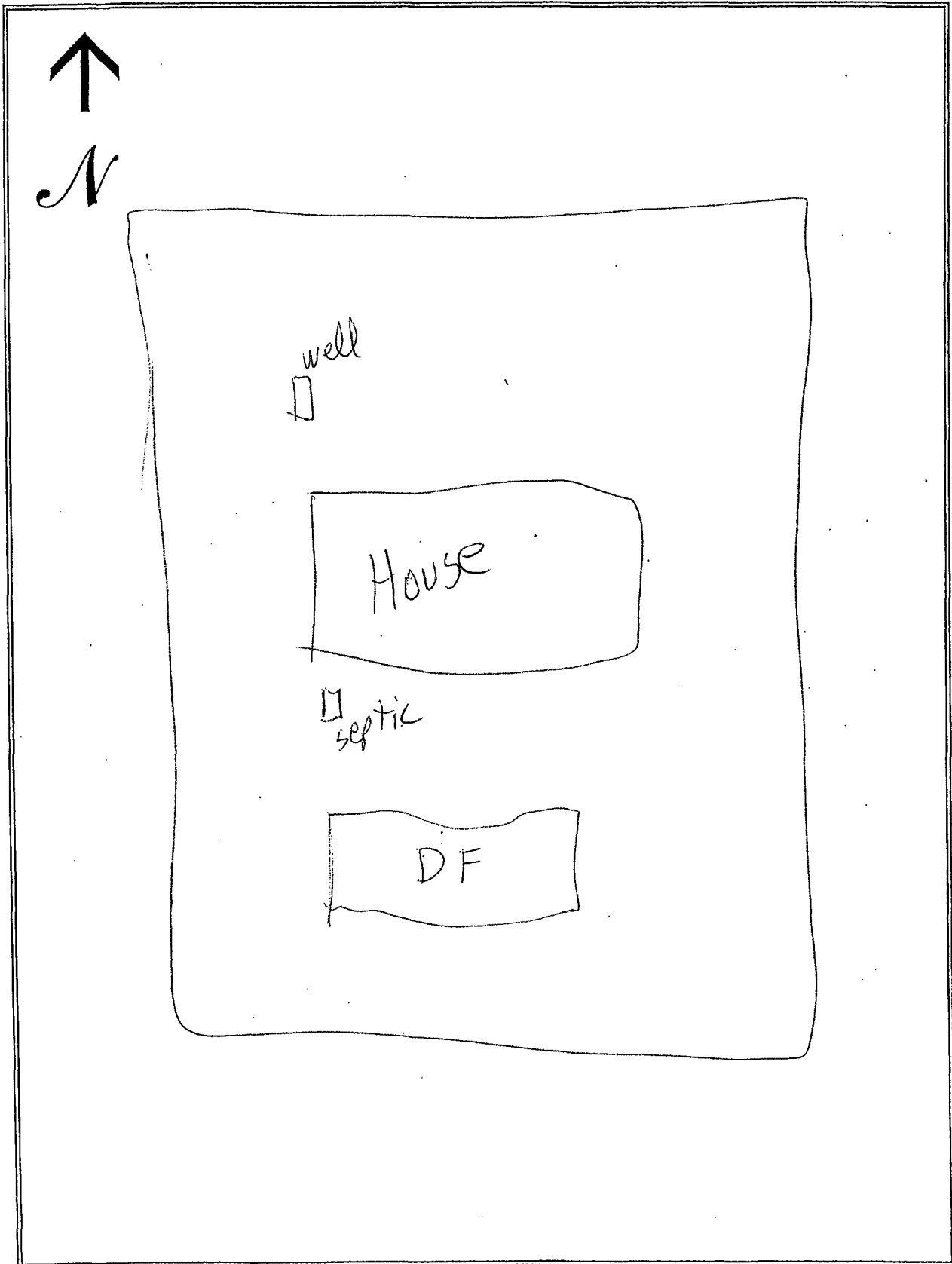
<u>(SEPTIC TANK)</u>	<u>(INGROUND BED)</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>(SEPTIC TANK)</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 24 yrs Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

<u>(GREEN LUSH GRASS)</u>	<u>(WETNESS OR SPONGY AREAS)</u>
<u>(ODORS)</u>	<u>(WATER PONDING OR SURFACING)</u>
<u>(SLUGGISH DRAINS)</u>	<u>(WASTEWATER BACKING INTO THE HOME)</u>
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? (YES) or NO How often? \_\_\_\_\_ Last time? 2 yrs  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or (NO) When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

\_\_\_\_/\_\_\_\_/\_\_\_\_

56

\_\_\_\_ (Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_\_/\_\_\_\_/\_\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Jonathan + Pamela Evans PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 380 S. Cope Hill Dr.

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? 3/4 Acre
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO  
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

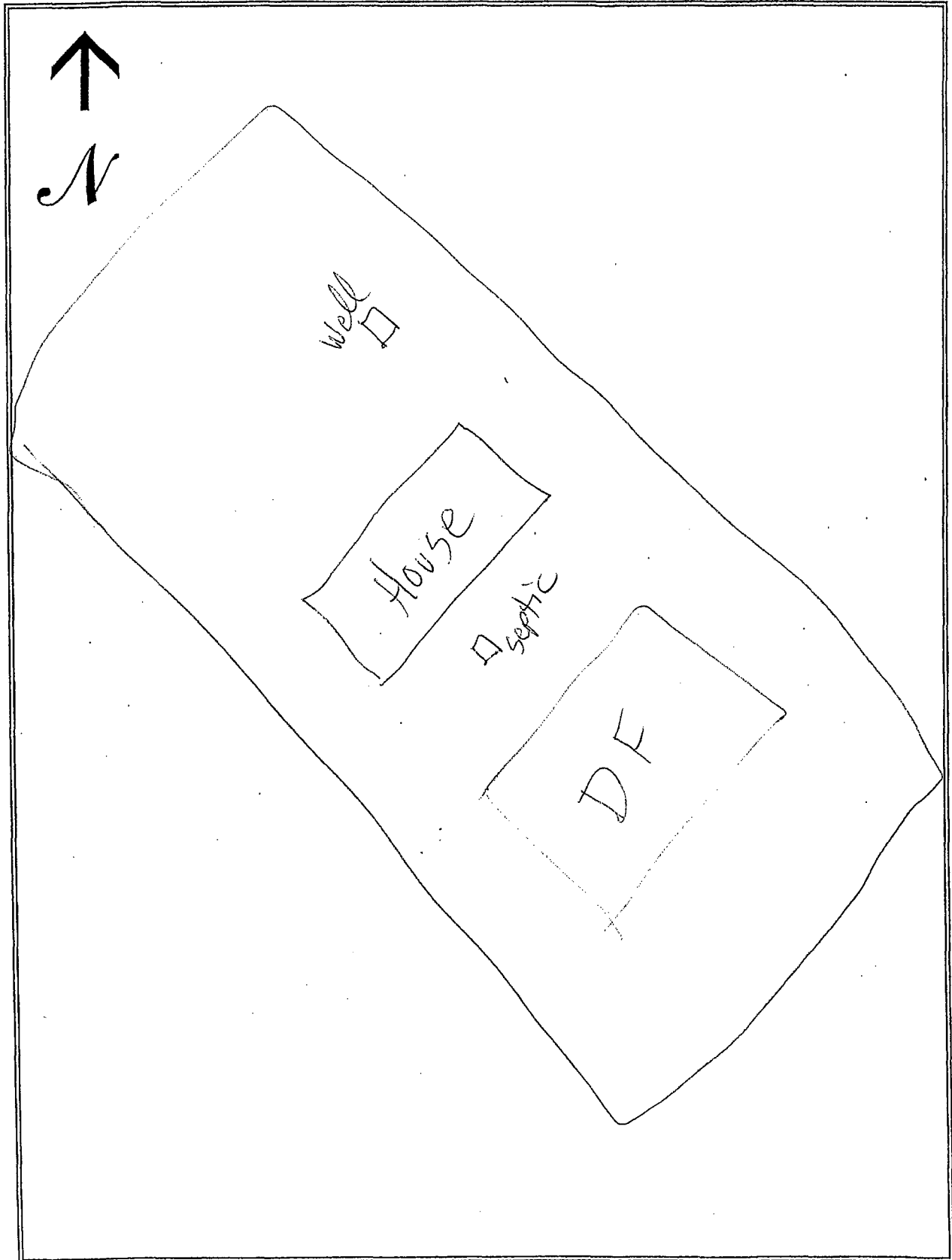
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:



## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

52

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Carl Malyer PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 105 Northview Rd

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? \_\_\_\_\_
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

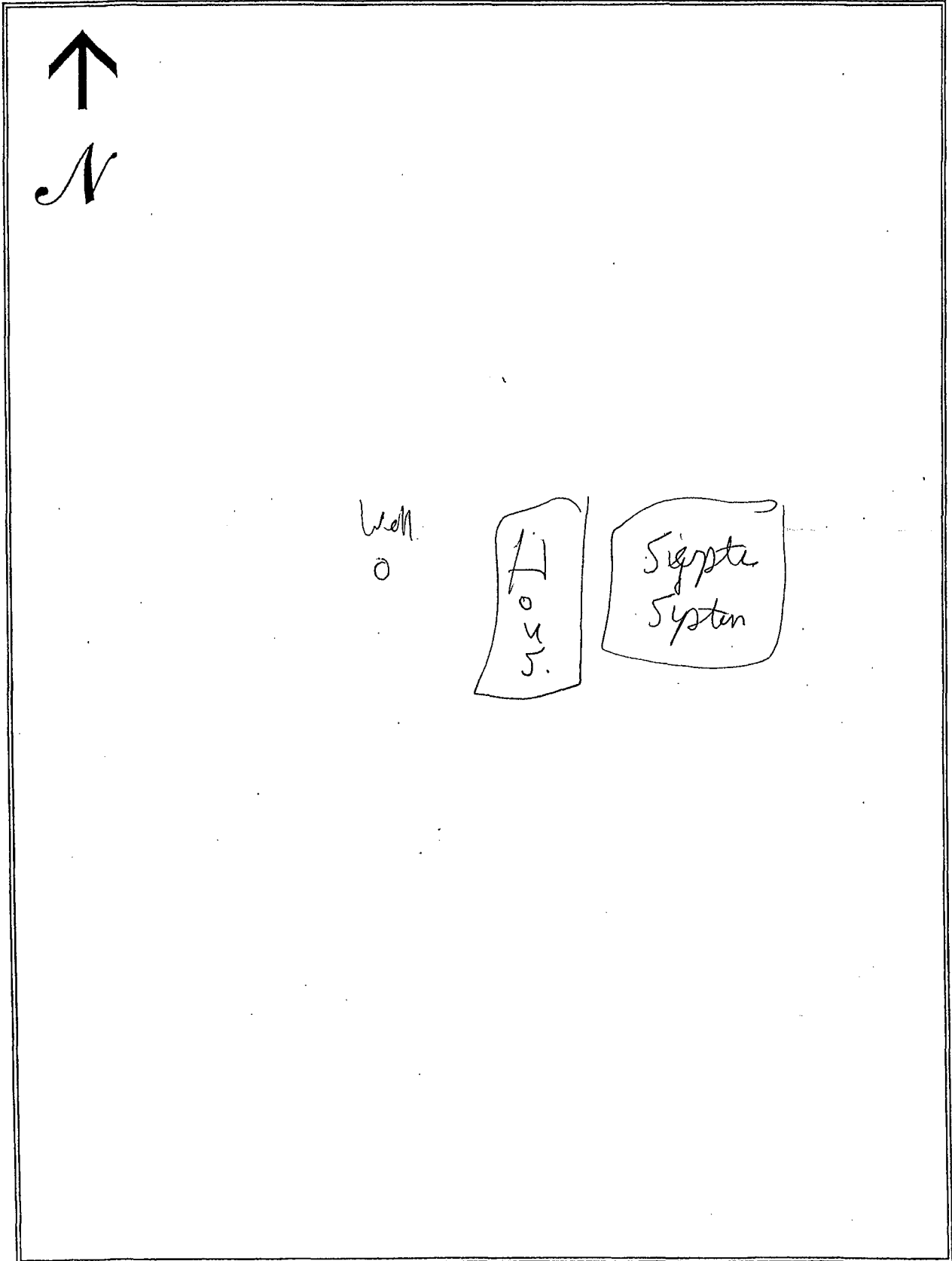
SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include:* tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

1/1/1

58

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: ISSAC GIB PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 115 North View Dr. Little

1. How many people live in your house? 2 SEASONAL ☒ ALL YEAR?
2. How large is your lot? 1.03 acres
3. Do you have more than one sewage system on your lot? YES or ☒ NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? ☒ WELL? ☐ SPRING? ☐ PUBLIC? ☐ OTHER? \_\_\_\_\_  
Do you treat your water? ☒ YES OR ☐ NO If yes, how? Softener  
If you have a well: Is it DUG or ☒ DRILLED? How Deep? 156 ft. Cased? YES or NO  
5. How far is the well or spring from the drain field 125 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? ☒ YES or ☐ NO When? \_\_\_\_\_  
What were the results? good
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

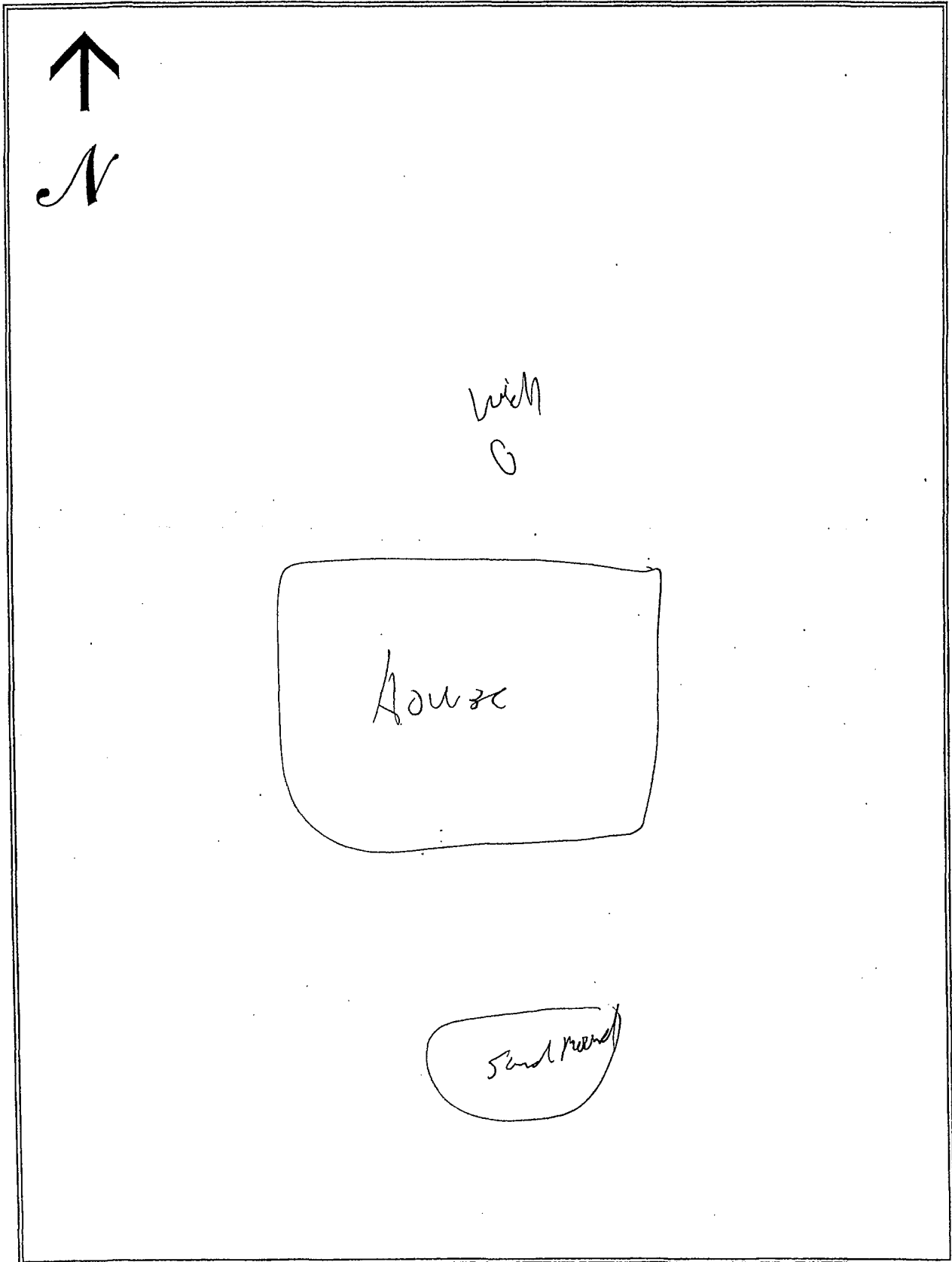
<input checked="" type="radio"/> SEPTIC TANK	<input type="radio"/> INGROUND BED	<input type="radio"/> COMMUNITY SEWER
<input type="radio"/> CESSPOOL	<input type="radio"/> INGROUND TRENCH	<input type="radio"/> STORM SEWER
<input type="radio"/> OLD WELL	<input checked="" type="radio"/> ELEVATED SAND MOUND	<input type="radio"/> PIPE TO DITCH
<input type="radio"/> HOLDING TANK	<input type="radio"/> SEEPAGE PIT	<input type="radio"/> PIPE TO STEAM
<input type="radio"/> PRIVY	<input type="radio"/> BORE HOLE	<input type="radio"/> PIPE TO SURFACE
<input type="radio"/> PUBLIC SEWER	<input type="radio"/> OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<input type="radio"/> SEPTIC TANK	<input type="radio"/> INGROUND BED	<input type="radio"/> COMMUNITY SEWER
<input type="radio"/> CESSPOOL	<input type="radio"/> INGROUND TRENCH	<input type="radio"/> STORM SEWER
<input type="radio"/> OLD WELL	<input type="radio"/> ELEVATED SAND MOUND	<input type="radio"/> PIPE TO DITCH
<input type="radio"/> HOLDING TANK	<input type="radio"/> SEEPAGE PIT	<input type="radio"/> PIPE TO STEAM
<input type="radio"/> PRIVY	<input type="radio"/> BORE HOLE	<input type="radio"/> PIPE TO SURFACE
<input type="radio"/> PUBLIC SEWER	<input type="radio"/> OTHER _____	
9. How old is your system? 3 yrs Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

<input type="radio"/> GREEN LUSH GRASS	<input type="radio"/> WETNESS OR SPONGY AREAS
<input type="radio"/> ODORS	<input type="radio"/> WATER PONDING OR SURFACING
<input type="radio"/> SLUGGISH DRAINS	<input type="radio"/> WASTEWATER BACKING INTO THE HOME
<input type="radio"/> SYSTEM OVERFLOW	<input type="radio"/> OTHER _____
11. Was your system every pumped out? YES or ☒ NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or ☒ NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of? ~
14. COMMENTS:

LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



5/22/02

59

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?

2. How large is your lot? 1.80

3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_

4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO

5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_

7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	

8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	

9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_

10. Have you every noticed any of the following near your septic system?

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____

11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_

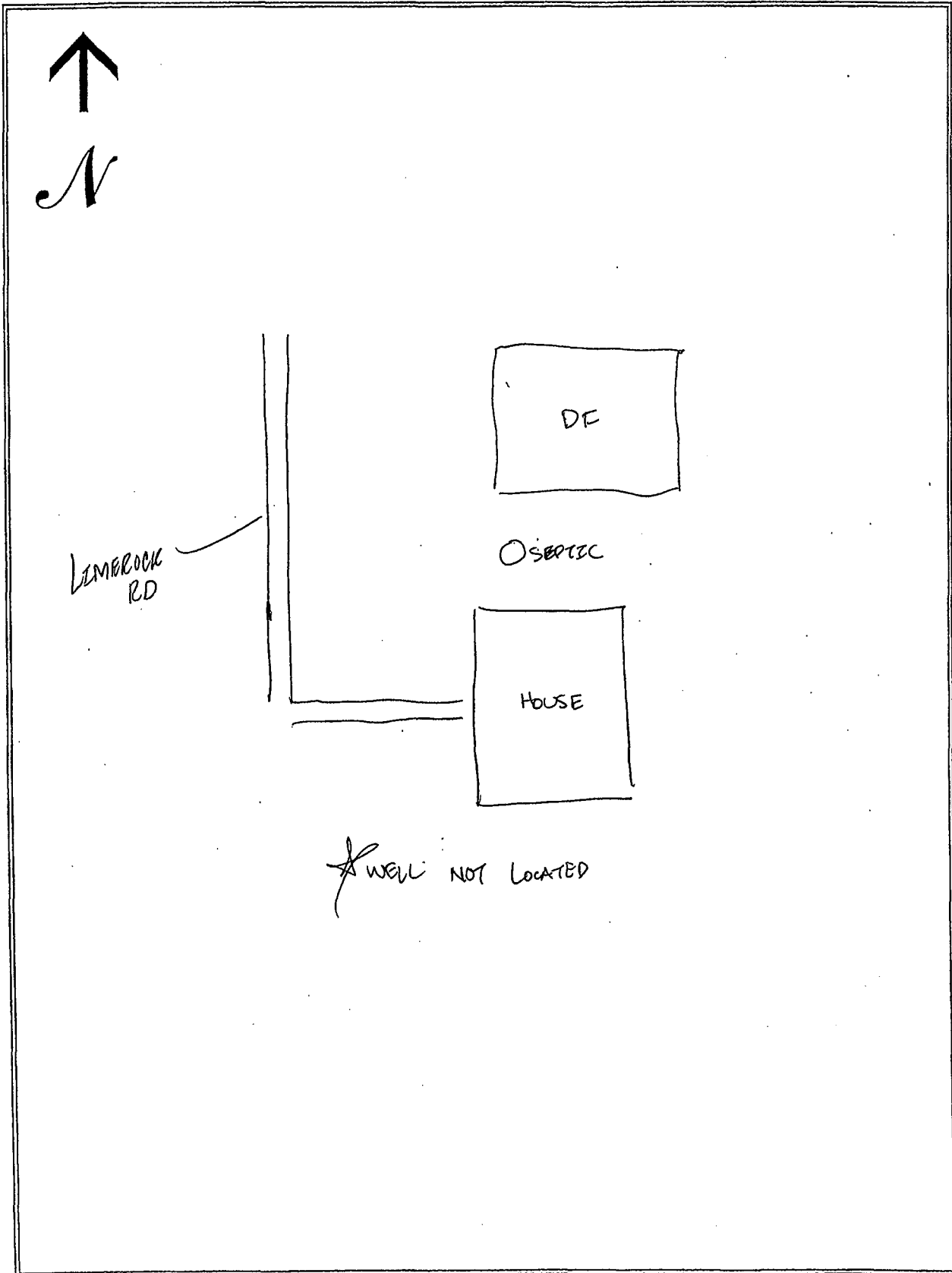
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED

13. Are there any other sewage problems you are aware of?

14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

60

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: DARYL Deke PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 710 W Lexington Rd

1. How many people live in your house? 2 SEASONAL / ALL YEAR?
2. How large is your lot? \_\_\_\_\_
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: Replaced drain field
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? W/V  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? Not good
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	<u>INGROUND TRENCH</u>	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

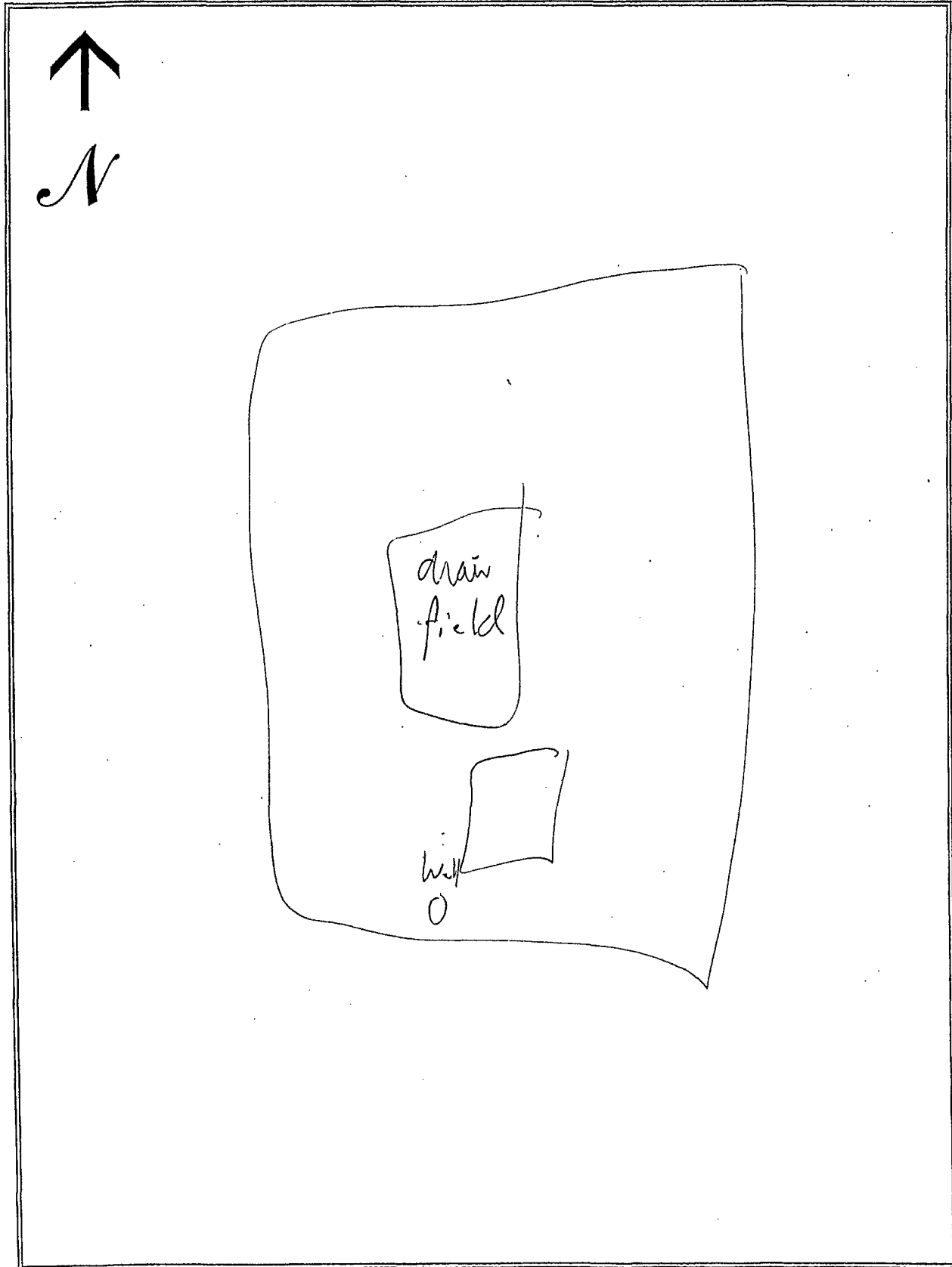
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 2 yrs Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? once Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:



LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

61

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: CAROLYN WEBER PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 629 DOE RUN ROAD

- How many people live in your house? 2 SEASONAL / ALL YEAR
- How large is your lot? 1 acre
- Do you have more than one sewage system on your lot? YES or (NO)  
If yes, explain: \_\_\_\_\_
- What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? Softener  
If you have a well: Is it DUG or DRILLED? How Deep? 275 ft. Cased? YES or NO  
5. How far is the well or spring from the drain field 360 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? ph was high from chicken farms
- What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
- Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

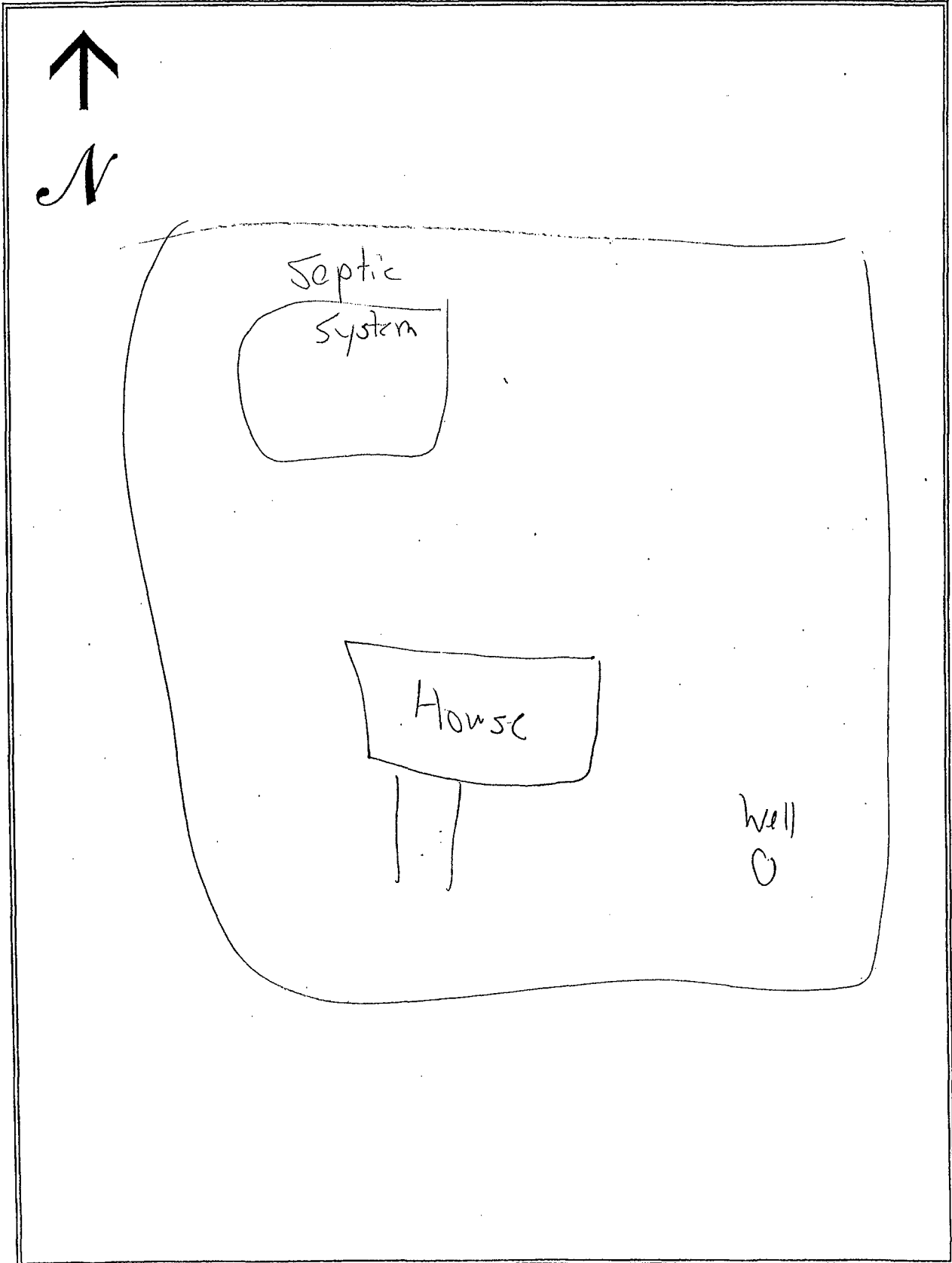
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
- How old is your system? 36 yrs Was it permitted? Y / N When? \_\_\_\_\_
- Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
- Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? one year  
If it was pumped, was it inspected for cracks or broken baffles? HAD NEW Baffles
- Was your system ever repaired? YES or NO When? New Baffles By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
- Are there any other sewage problems you are aware of?
- COMMENTS:

8.56

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

62

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Dennis Shelly PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 610 Doe Run Road

1. How many people live in your house? 4 SEASONAL / ALL YEAR?
2. How large is your lot? \_\_\_\_\_
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field 90 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

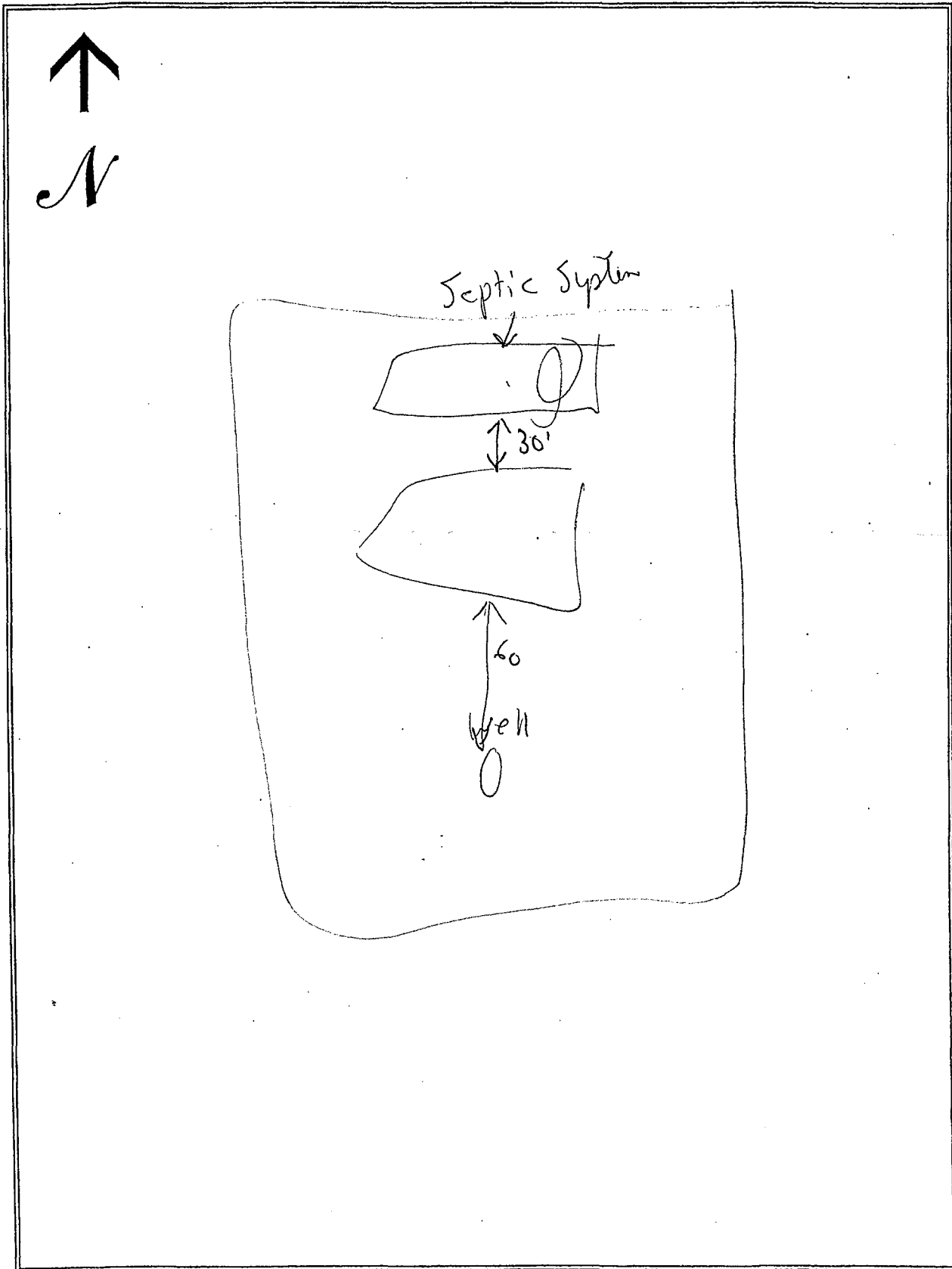
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	<u>INGROUND TRENCH</u>	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? 3 yrs Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

63

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: MERLE Blugston PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: ~~611 Locust Road~~ 598 Osborn Road

1. How many people live in your house? 3 SEASONAL / ALL YEAR
2. How large is your lot? .50 acres
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO \_\_\_\_\_
5. How far is the well or spring from the drain field 100 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

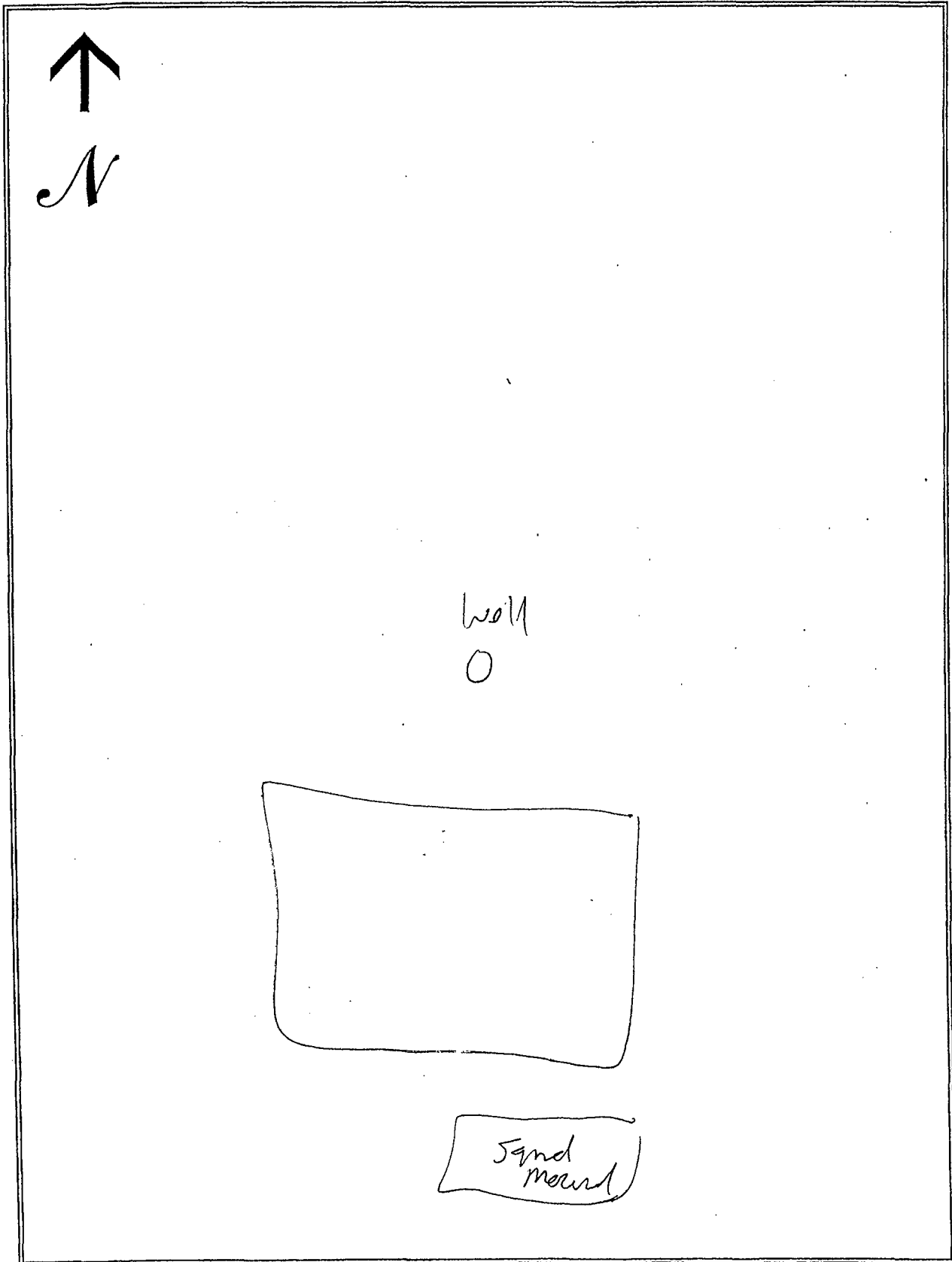
<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	<u>ELEVATED SAND MOUND</u>	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 15 yrs Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? 3 yrs Last time? one year ago  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

64

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Marlin & Nancy Groff PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 595 HILVIEW DR

1. How many people live in your house? 4 SEASONAL / ALL YEAR
2. How large is your lot? .50 acre
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field 175 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	<u>INGROUND TRENCH</u>	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

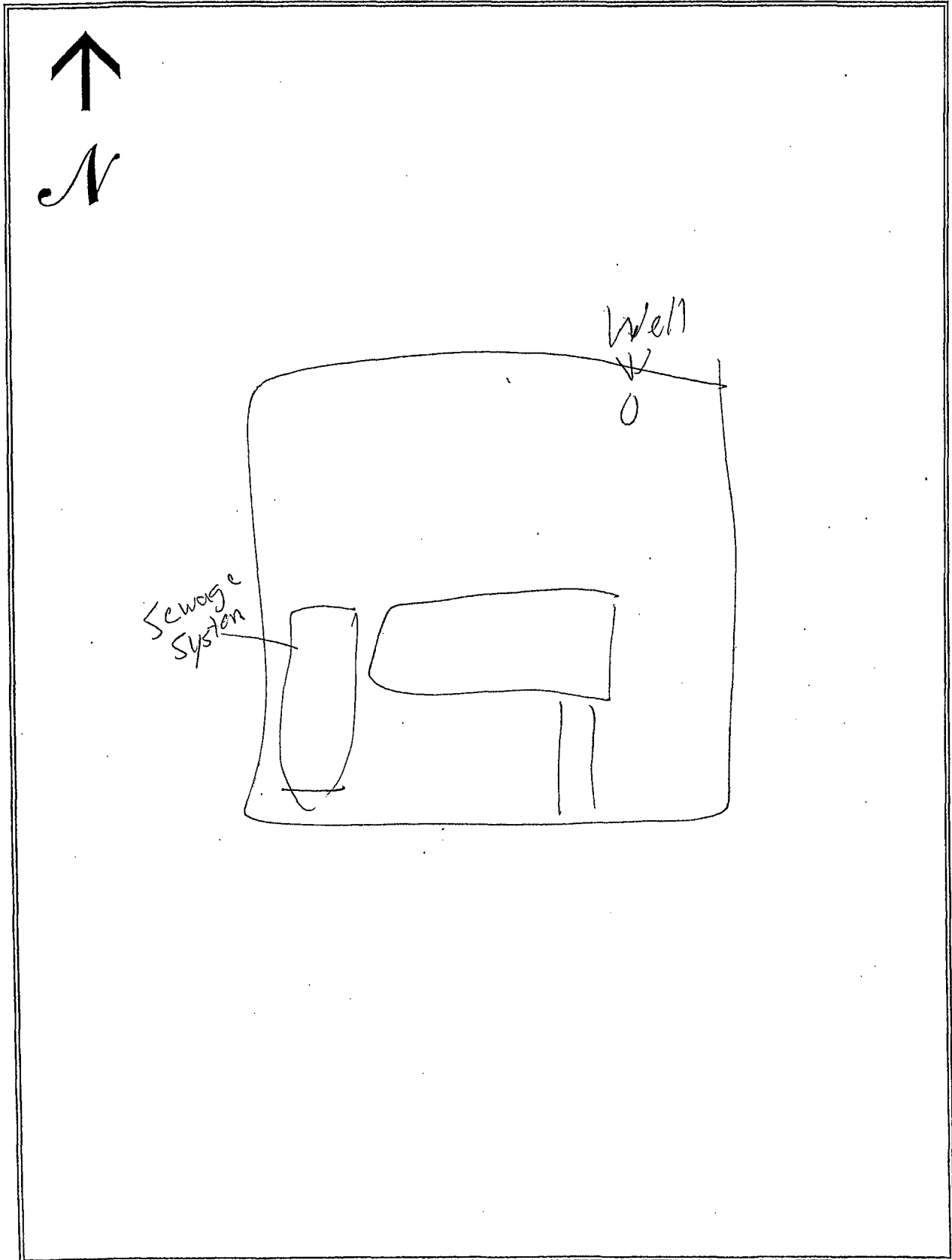
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 13 yrs Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? Dec of last year  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:



## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

65

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: RAYMOND ALCALA PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 587 HI VIEW DR

1. How many people live in your house? 4 SEASONAL / ALL YEAR?
2. How large is your lot? 1.50 ac.
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? 256 ft. Cased? YES or NO \_\_\_\_\_
5. How far is the well or spring from the drain field 200 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

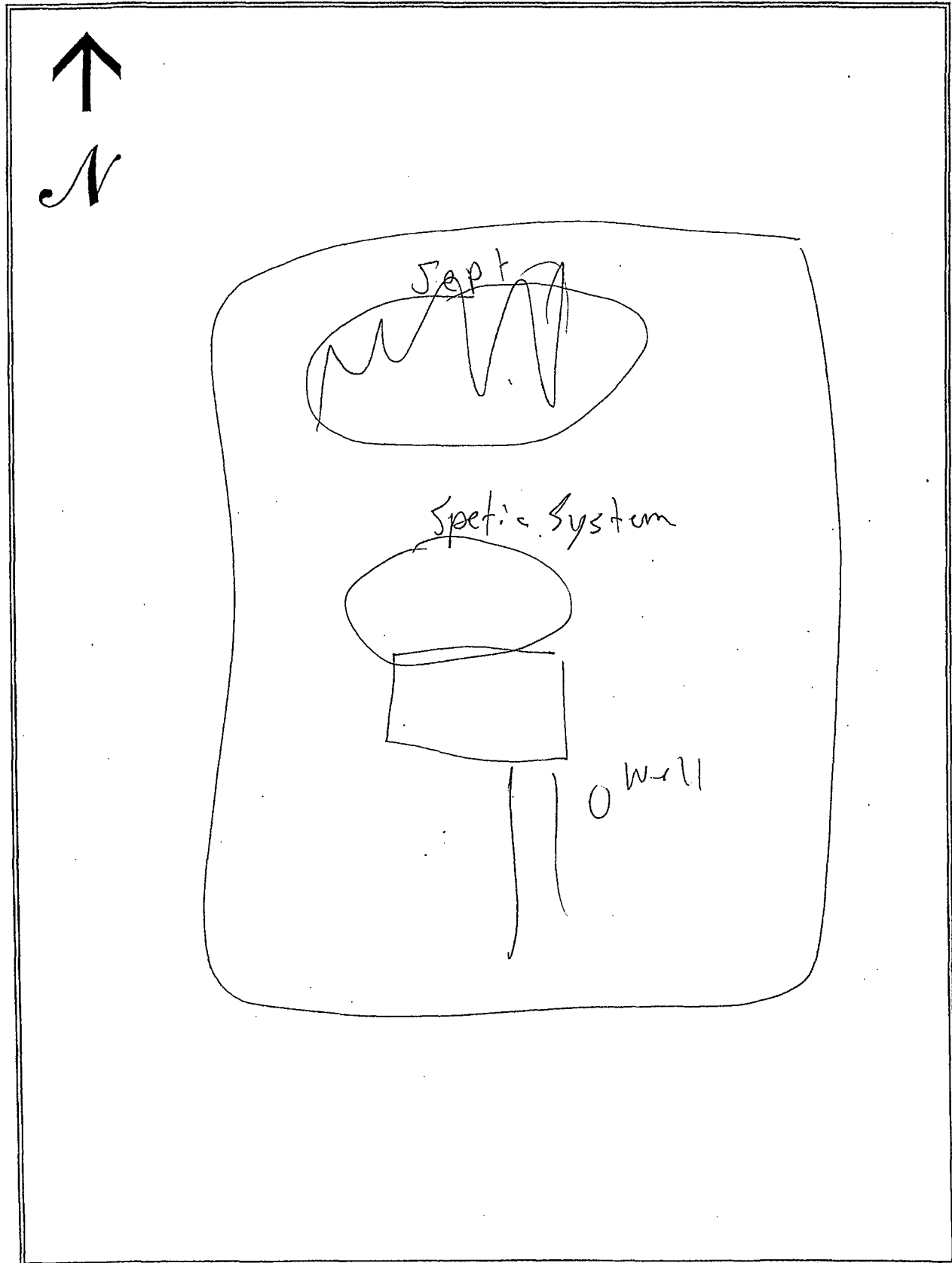
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	<u>INGROUND TRENCH</u>	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	<u>INGROUND TRENCH</u>	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 15 yrs Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? 6 yrs  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

66

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: John Schofield PHONE: (\_\_\_\_) \_\_\_\_\_  
ADDRESS: 585 H View Dr

1. How many people live in your house? 3 SEASONAL / ALL YEAR?
2. How large is your lot? .9 acre
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? Softener  
If you have a well: Is it DUG or DRILLED? How Deep? 150 ft. Cased? YES or NO  
5. How far is the well or spring from the drain field 200 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? good
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

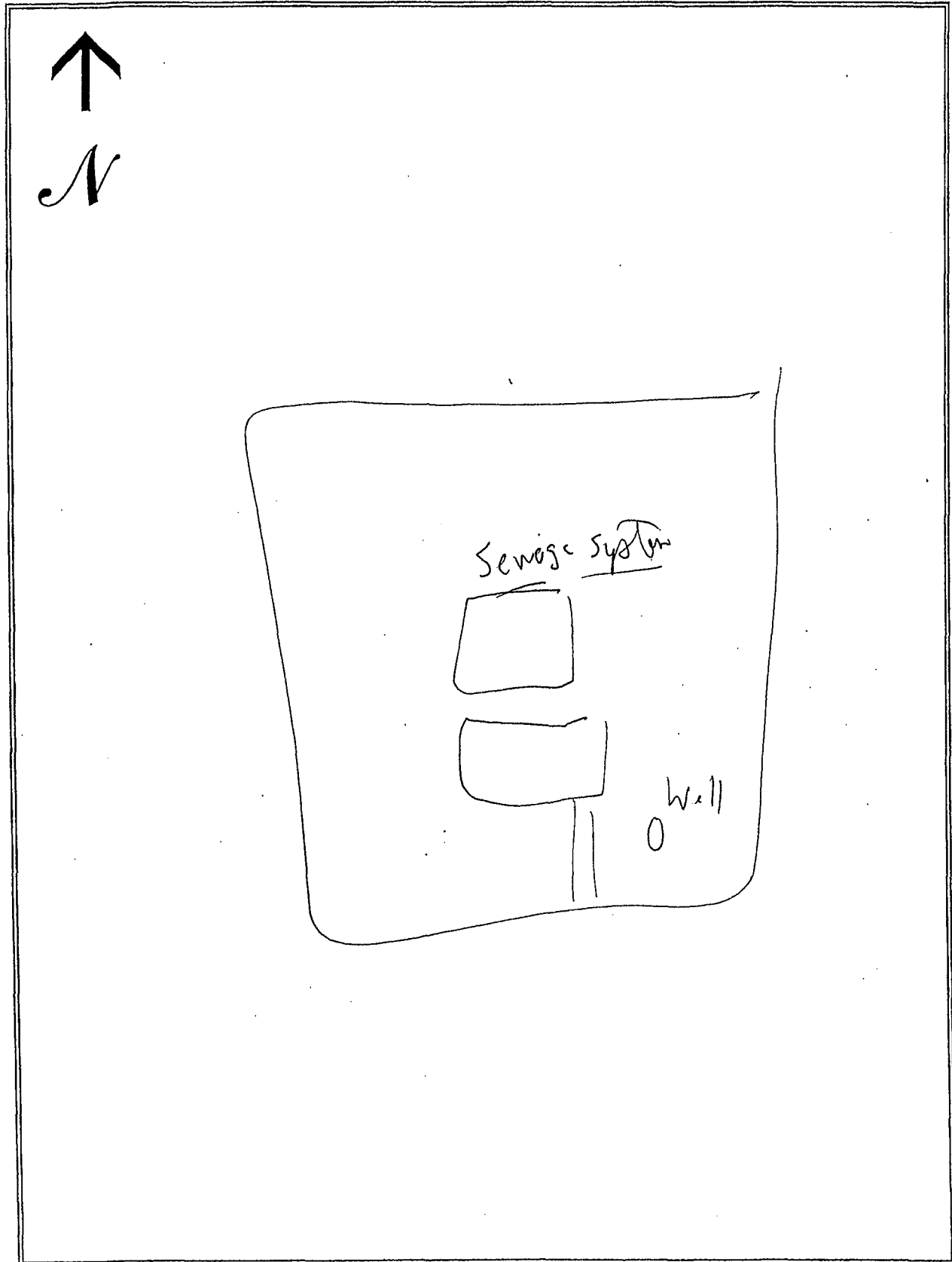
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 16 yrs Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

<u>GREEN LUSH GRASS</u>	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? Every 2 yrs Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

67

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: James Crawford PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 581 HILVIEW DR.

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? \_\_\_\_\_
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field 200 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

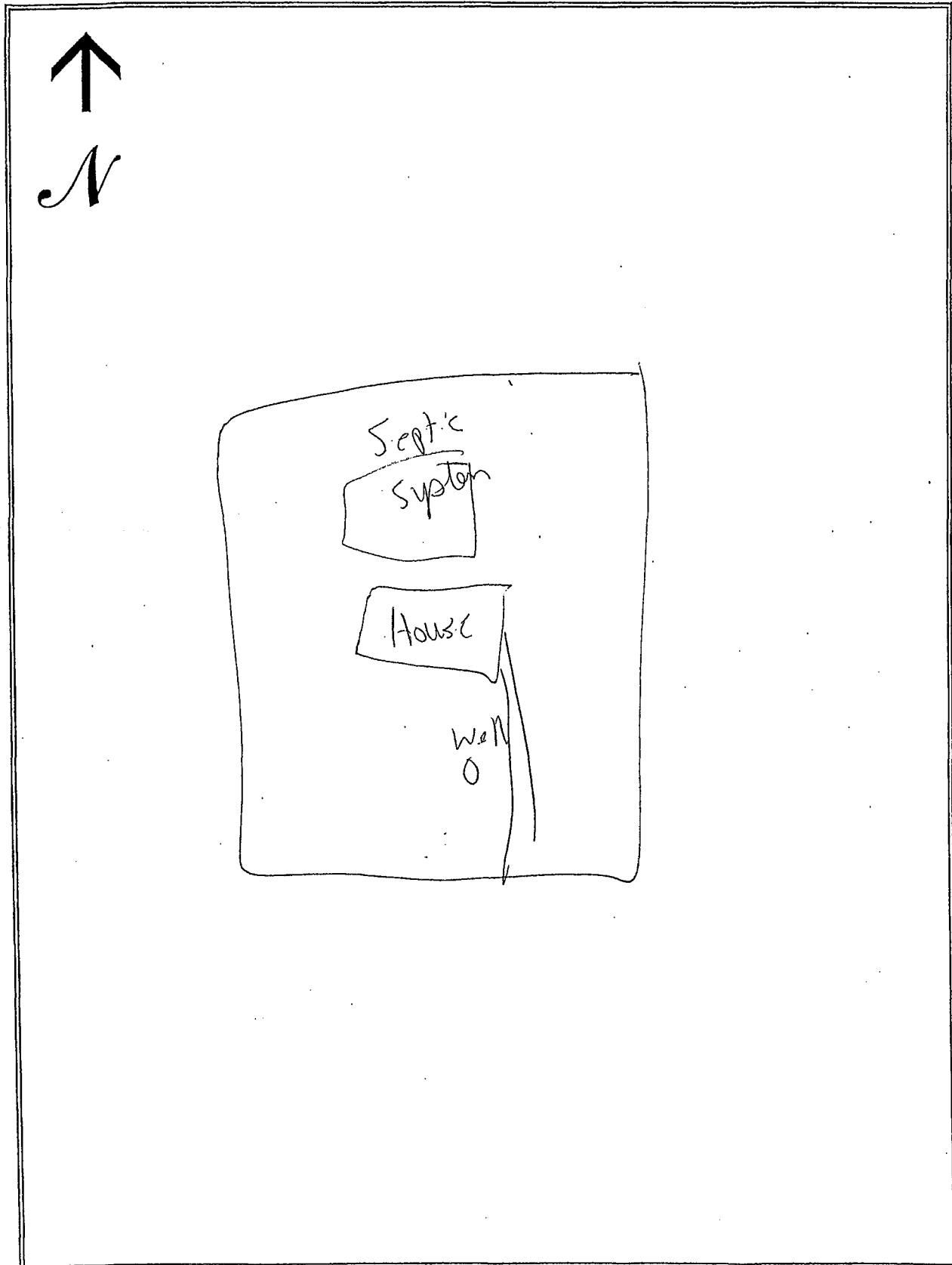
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

68

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Gene BRUGHART PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 575 HILVIEW DR

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? \_\_\_\_\_
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field 250 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

<input checked="" type="checkbox"/> SEPTIC TANK	<input checked="" type="checkbox"/> INGROUND BED	COMMUNITY SEWER
<input type="checkbox"/> CESSPOOL	<input type="checkbox"/> INGROUND TRENCH	STORM SEWER
<input type="checkbox"/> OLD WELL	<input type="checkbox"/> ELEVATED SAND MOUND	PIPE TO DITCH
<input type="checkbox"/> HOLDING TANK	<input type="checkbox"/> SEEPAGE PIT	PIPE TO STEAM
<input type="checkbox"/> PRIVY	<input type="checkbox"/> BORE HOLE	PIPE TO SURFACE
<input type="checkbox"/> PUBLIC SEWER	<input type="checkbox"/> OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

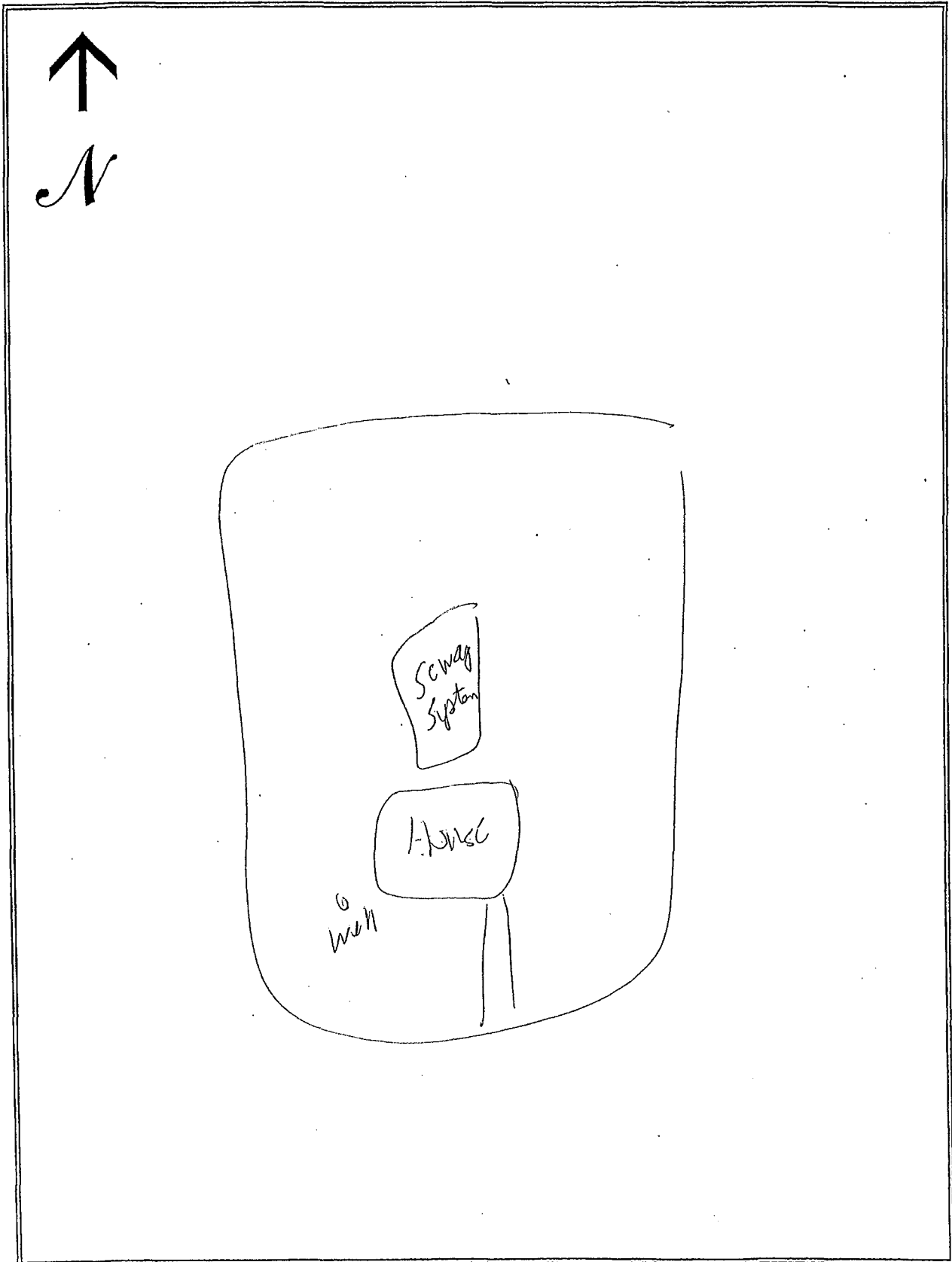
<input checked="" type="checkbox"/> SEPTIC TANK	<input checked="" type="checkbox"/> INGROUND BED	COMMUNITY SEWER
<input type="checkbox"/> CESSPOOL	<input type="checkbox"/> INGROUND TRENCH	STORM SEWER
<input type="checkbox"/> OLD WELL	<input type="checkbox"/> ELEVATED SAND MOUND	PIPE TO DITCH
<input type="checkbox"/> HOLDING TANK	<input type="checkbox"/> SEEPAGE PIT	PIPE TO STEAM
<input type="checkbox"/> PRIVY	<input type="checkbox"/> BORE HOLE	PIPE TO SURFACE
<input type="checkbox"/> PUBLIC SEWER	<input type="checkbox"/> OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:



## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

69

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: WILLIAM LUKUS PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 573 HT VIEW DR

1. How many people live in your house? 2 SEASONAL / ALL YEAR?
2. How large is your lot? 150 acres
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? Softener  
If you have a well: Is it DUG or DRILLED? How Deep? 185 ft. Cased? YES or NO  
5. How far is the well or spring from the drain field 150 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? for Hardness
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

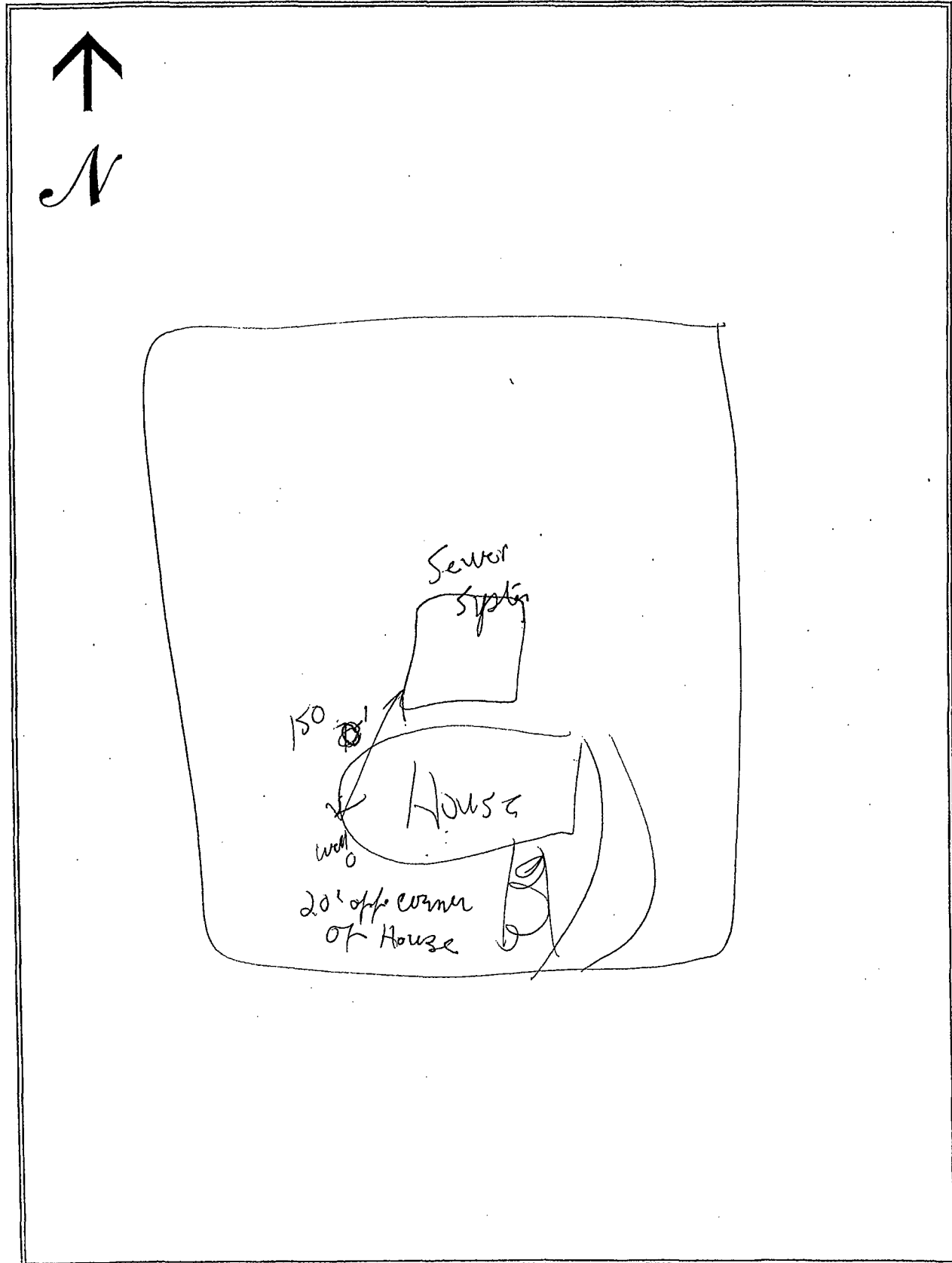
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 26 yrs Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	<u>WETNESS OR SPONGY AREAS</u>
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? 2 yrs Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

70

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Michael Bruno PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 568 Hillview

1. How many people live in your house? 6 SEASONAL / ALL YEAR?
2. How large is your lot? .5 ac
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? Water filter  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO  
5. How far is the well or spring from the drain field 100 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? good
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

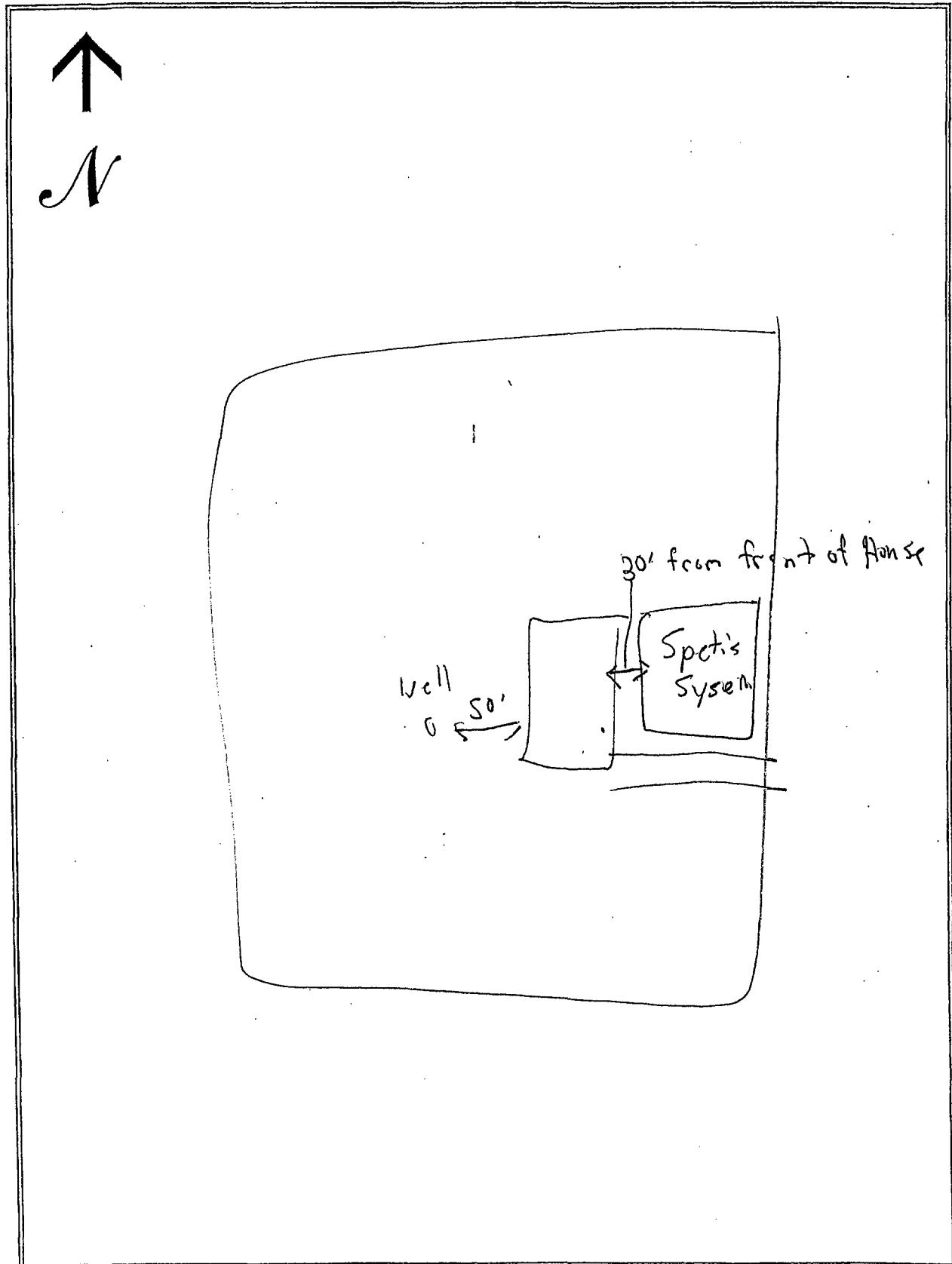
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 25 yr Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? Every year Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

10:45

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

71

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: EDWARD ARNOLD PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 565 HILVIEW RD.

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? \_\_\_\_\_
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

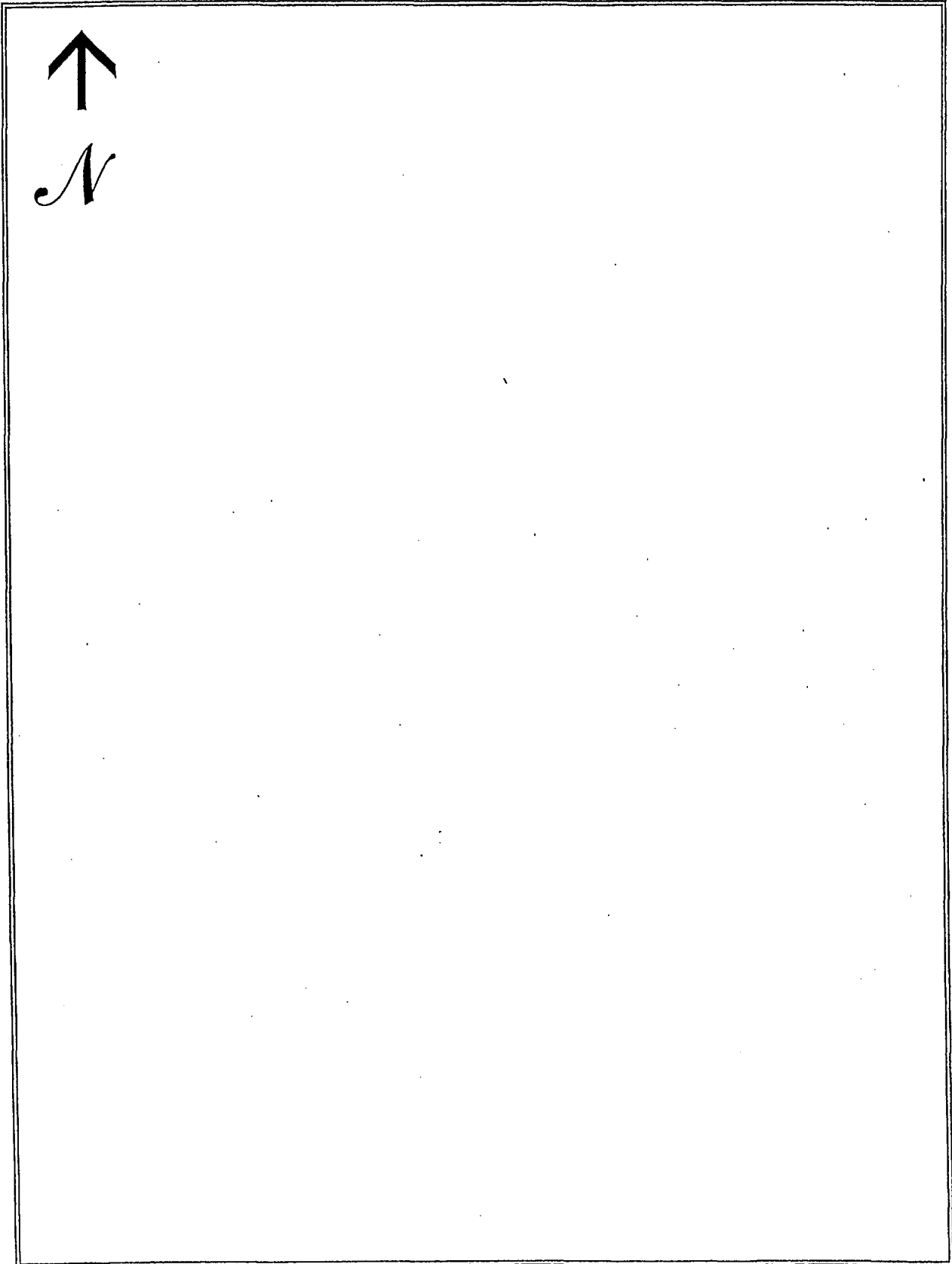
SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

72

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Ronald Snyder PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 561 Hiview Dr.

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? 276 acrs
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field 700 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

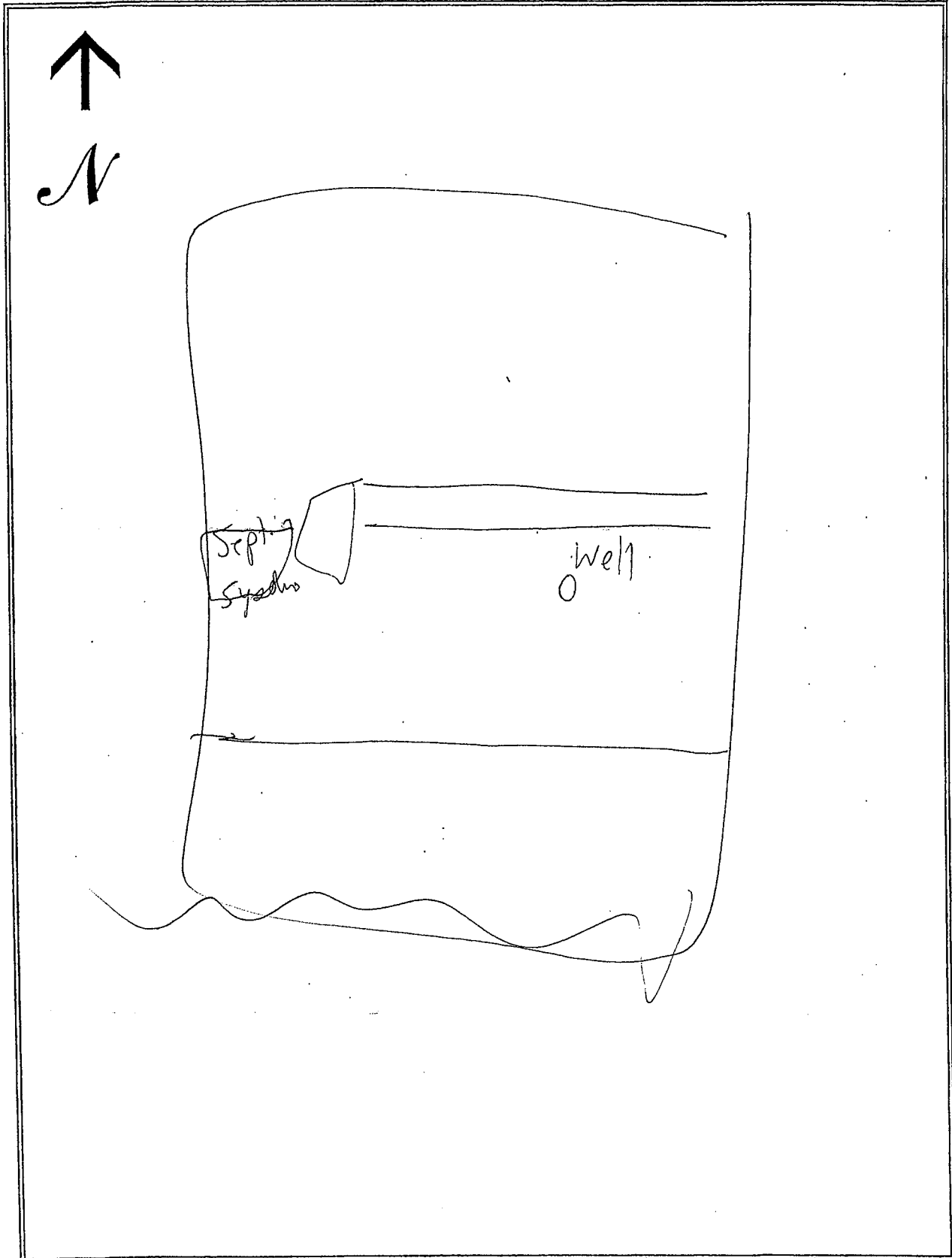
SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:



LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

73

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: WILBUR Ginder PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 558 HAVEN DR.

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? .58 acres
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field /50 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

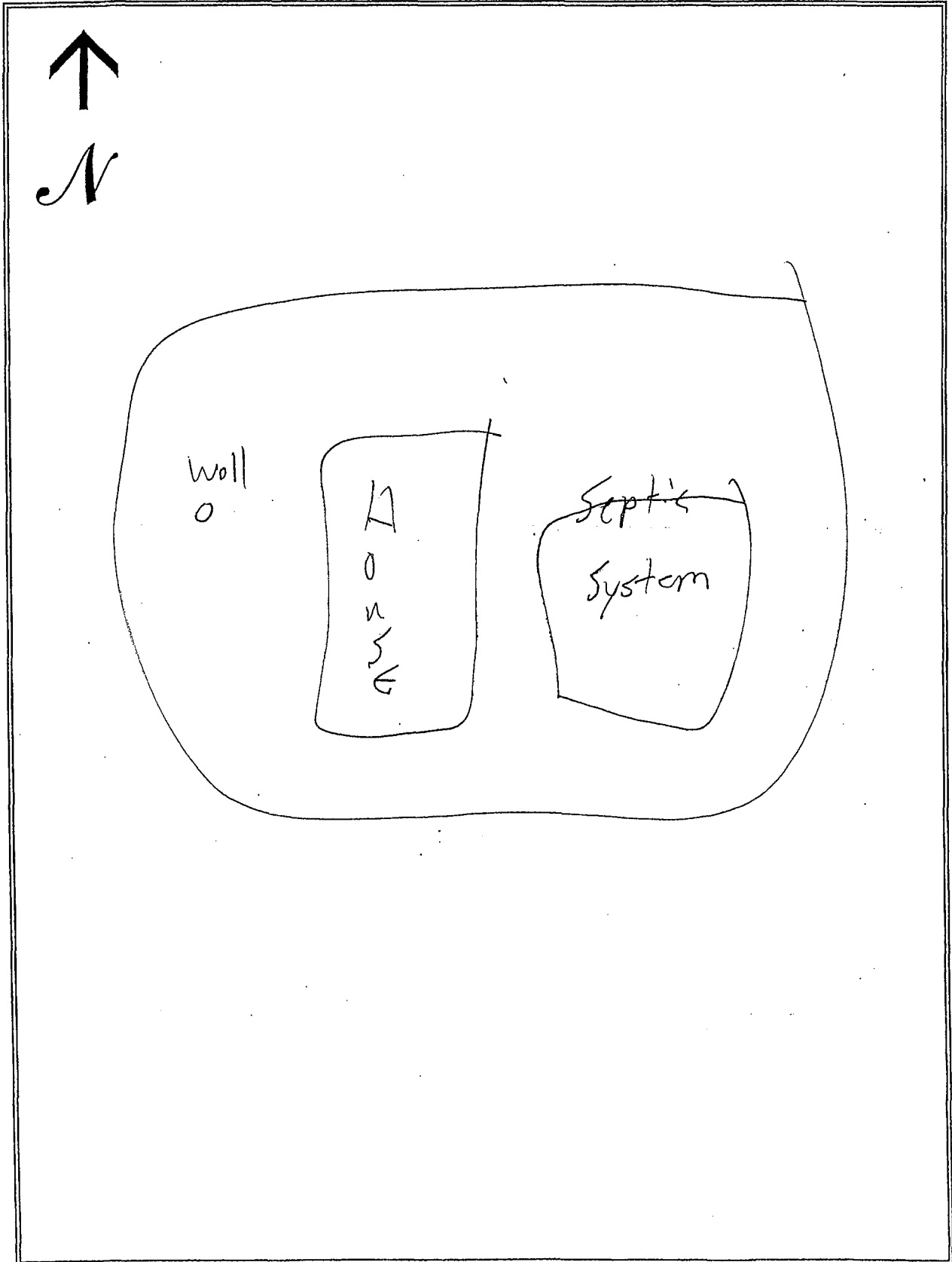
SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

74

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: JOSEPA OGCKEL PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 559 HAVEN DR.

1. How many people live in your house? 4 SEASONAL / ALL YEAR
2. How large is your lot? 1.05 acres
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO  
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? Good
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

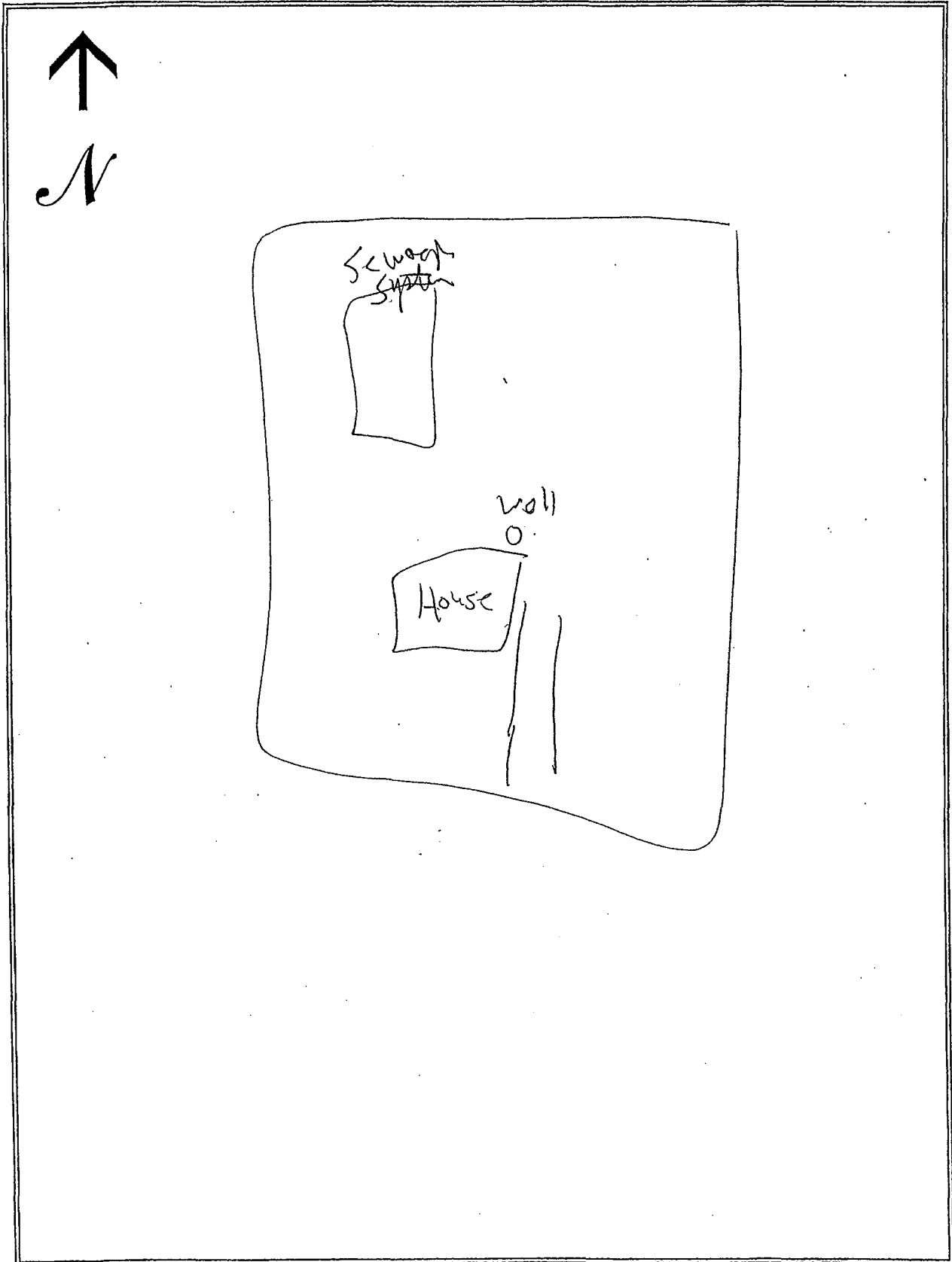
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
<u>CESSPOOL</u>	<u>INGROUND TRENCH</u>	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
<u>CESSPOOL</u>	<u>INGROUND TRENCH</u>	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 24 yrs Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

<u>GREEN LUSH GRASS</u>	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? 3 yrs Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

115

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Edwin SHANK PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 219 Andrea Drive

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? \_\_\_\_\_
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field 100 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

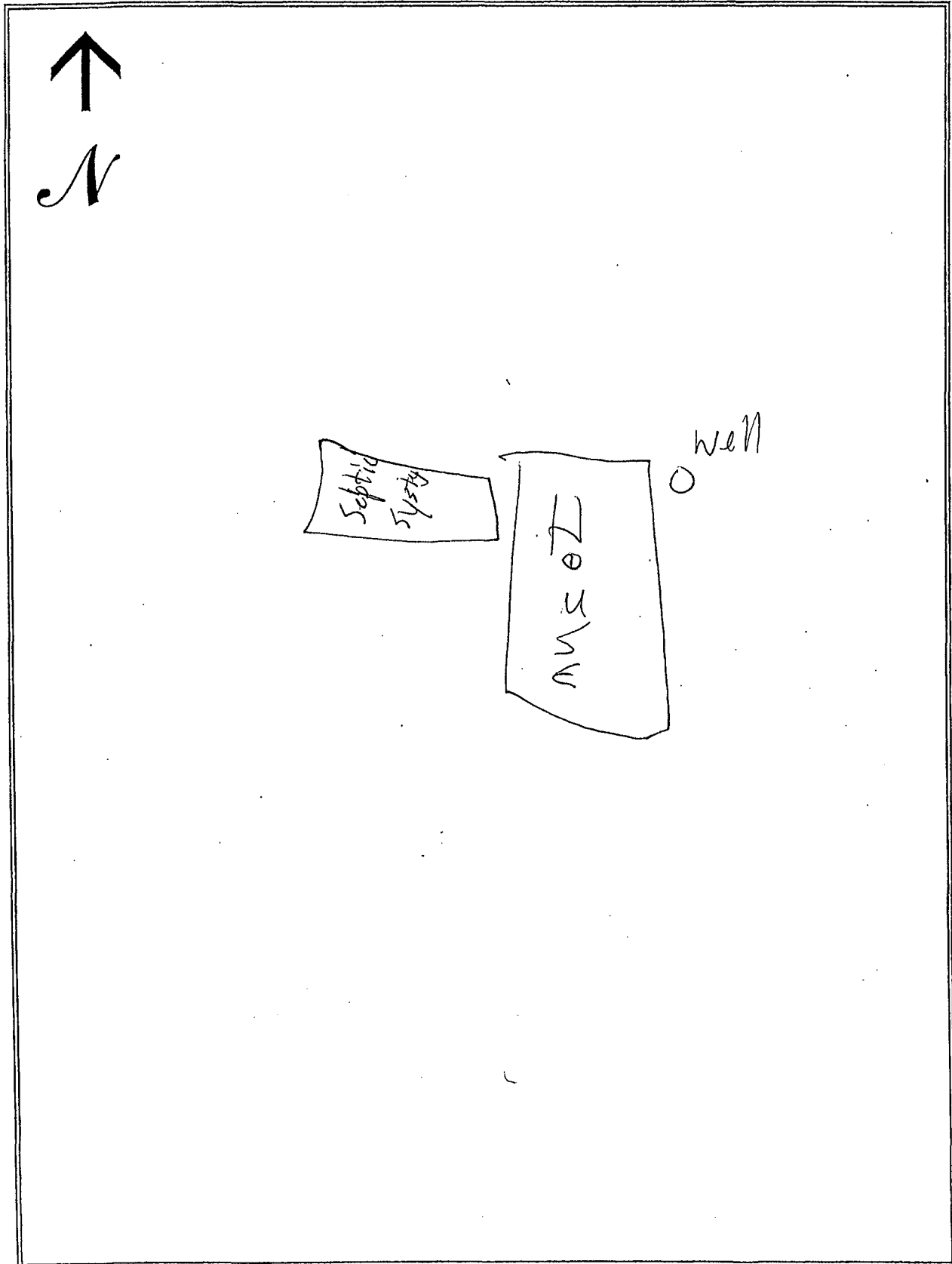
SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

1:50

LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

176

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Glenn Metzler PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 214 Andrea Drive

1. How many people live in your house? 3 SEASONAL / ALL YEAR?
2. How large is your lot? 1.5 acre
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? Softener  
If you have a well: Is it DUG or DRILLED? How Deep? 125 ± ft. Cased? YES or NO  
5. How far is the well or spring from the drain field 150 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? not tested
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 22 yrs Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

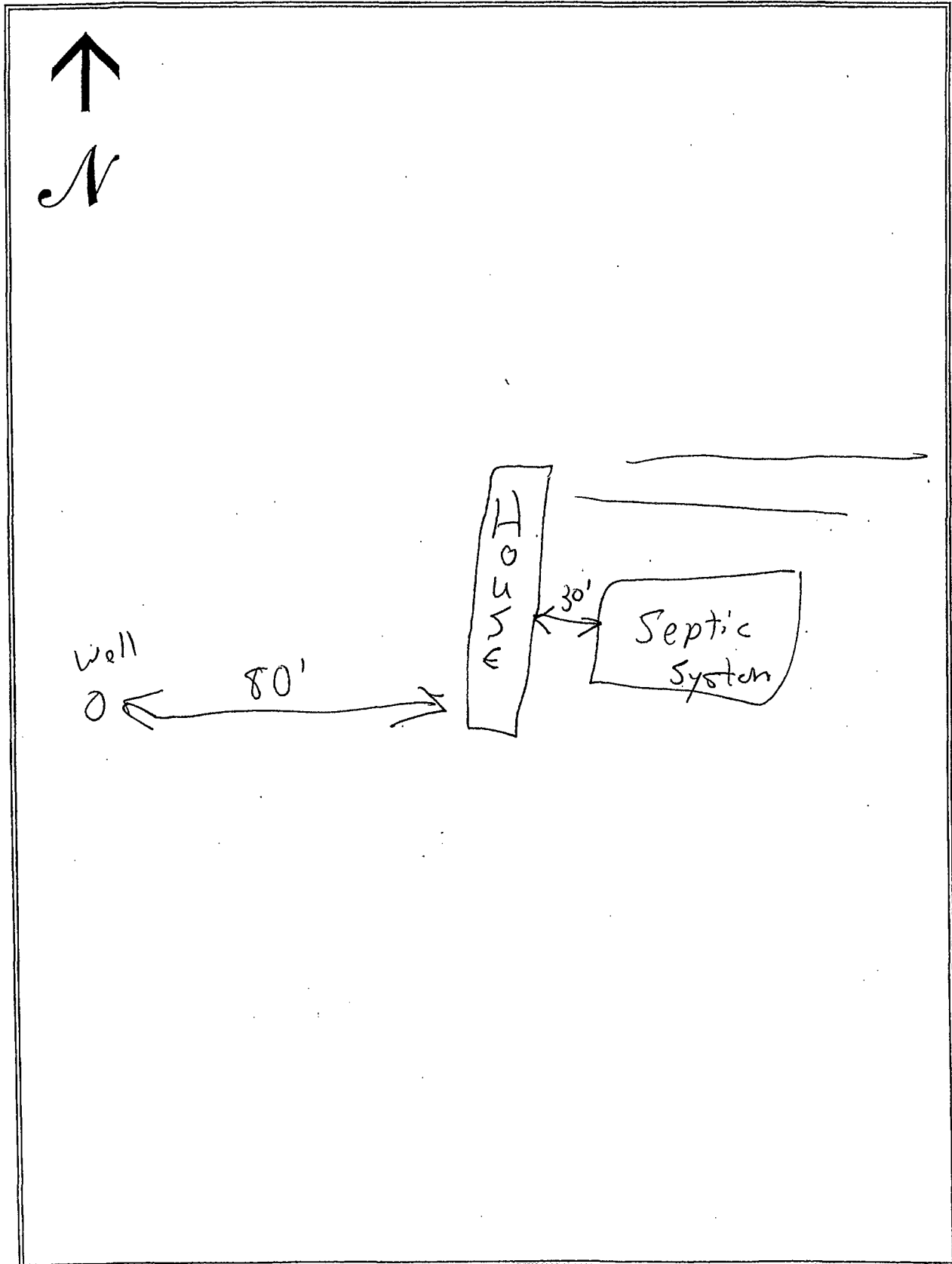
<u>GREEN LUSH GRASS</u>	<u>WETNESS OR SPONGY AREAS</u>
<u>ODORS</u>	<u>WATER PONDING OR SURFACING</u>
<u>SLUGGISH DRAINS</u>	<u>WASTEWATER BACKING INTO THE HOME</u>
<u>SYSTEM OVERFLOW</u>	OTHER _____
11. Was your system every pumped out? YES or NO How often? 5 yrs Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS: \_\_\_\_\_

1:55



## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

77

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: BRUCE SHIPLE PHONE: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_

ADDRESS: 214 Andrea Drive

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? \_\_\_\_\_
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field 150 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

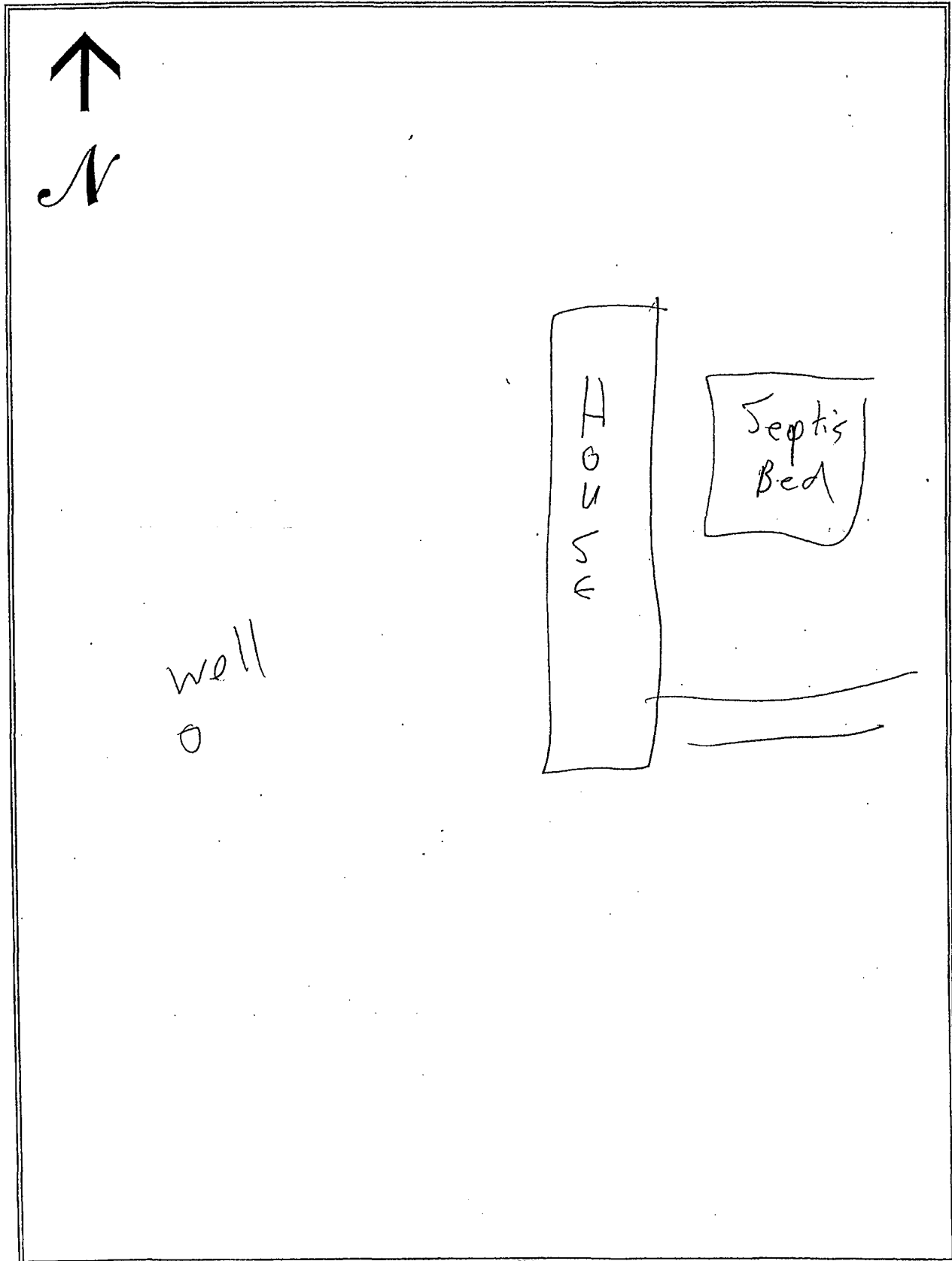
<input checked="" type="checkbox"/> SEPTIC TANK	<input checked="" type="checkbox"/> INGROUND BED	COMMUNITY SEWER
<input type="checkbox"/> CESSPOOL	<input type="checkbox"/> INGROUND TRENCH	STORM SEWER
<input type="checkbox"/> OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
<input type="checkbox"/> HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
<input type="checkbox"/> PRIVY	BORE HOLE	PIPE TO SURFACE
<input type="checkbox"/> PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<input checked="" type="checkbox"/> SEPTIC TANK	<input checked="" type="checkbox"/> INGROUND BED	COMMUNITY SEWER
<input type="checkbox"/> CESSPOOL	<input type="checkbox"/> INGROUND TRENCH	STORM SEWER
<input type="checkbox"/> OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
<input type="checkbox"/> HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
<input type="checkbox"/> PRIVY	BORE HOLE	PIPE TO SURFACE
<input type="checkbox"/> PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

78

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Patricia Allen PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 590 HILVIEW DR

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? \_\_\_\_\_
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field 150 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	<u>INGROUND TRENCH</u>	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	<u>INGROUND TRENCH</u>	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

78

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Paul Burrichter PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 212 Audrey Drive

- How many people live in your house? 3 SEASONAL / ALL YEAR
- How large is your lot? 1.50 acre
- Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
- What kind of water system do you have? WELL SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? Softener  
If you have a well: Is it DUG or DRILLED? How Deep? 175 ft. Cased? YES or NO  
How far is the well or spring from the drain field 150 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? N/A
- What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

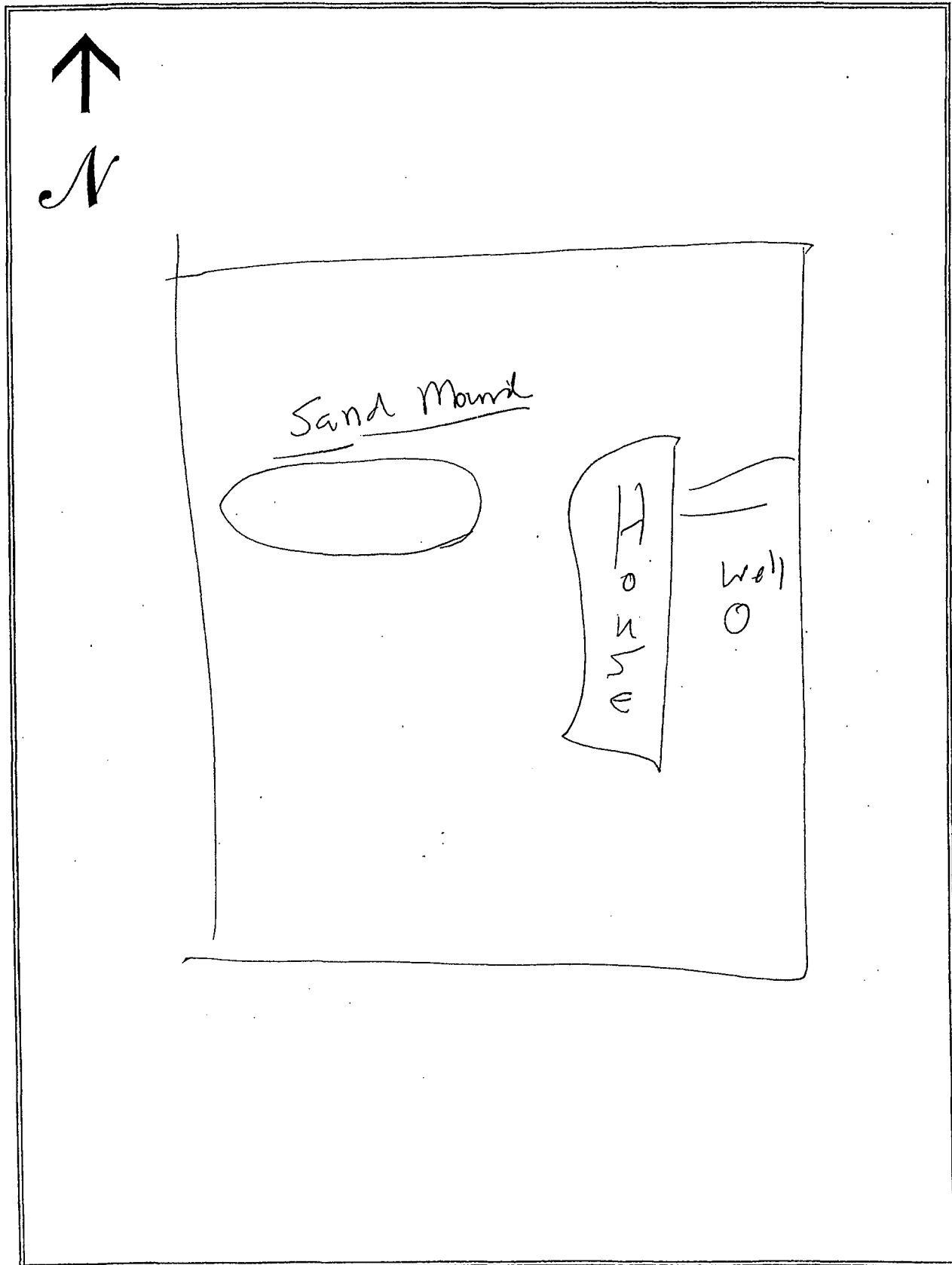
<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	<u>ELEVATED SAND MOUND</u>	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
- Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
- How old is your system? 16 yrs Was it permitted? Y / N When? \_\_\_\_\_
- Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
- Was your system every pumped out? YES or NO How often? 16 yrs Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
- Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
- Are there any other sewage problems you are aware of?
- COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #  
80

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Robert Cole PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 218 Audrey Drive

1. How many people live in your house? 2 SEASONAL / ALL YEAR?
2. How large is your lot? 1.50 acre
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? Softener  
If you have a well: Is it DUG or DRILLED? How Deep? 102 ft. Cased? YES or NO  
5. How far is the well or spring from the drain field 100 ft. Is well UP/DOWNSLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? MILTS were high.
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

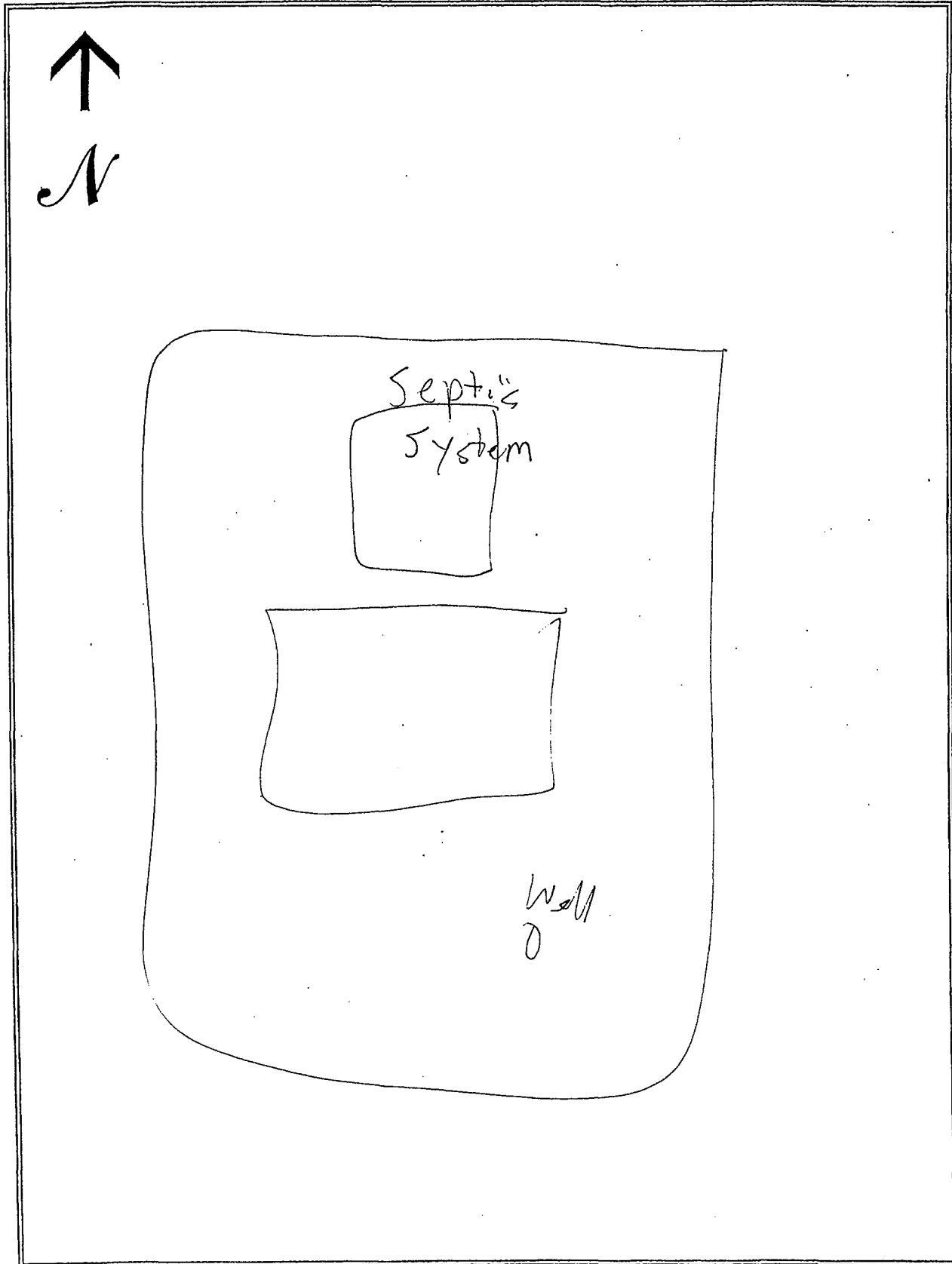
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 24 yrs Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? 7 years Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:



## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

81

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Rachel Burman PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 620 West Sunhill Rd

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? \_\_\_\_\_
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

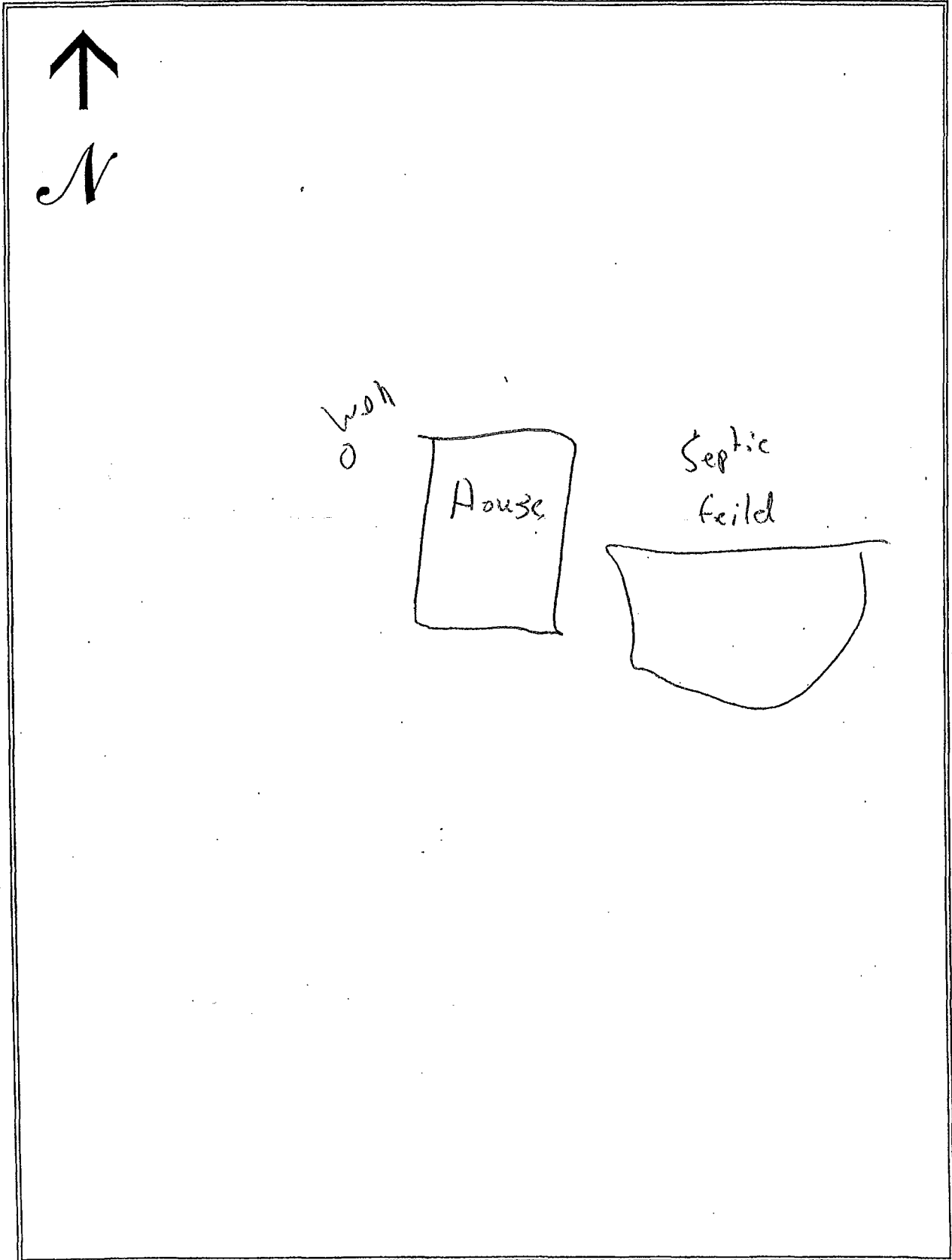
SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS: 12:20

LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

5/29/02

SAMPLE / MAP #

82

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Cerwin + Doris High PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 2041 Locust Grove Rd

1. How many people live in your house? 2 SEASONAL / ALL YEAR?

2. How large is your lot? 1 1/4 Acre

3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_

4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? 100 ft. Cased? YES or NO

5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_

7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	

8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)

<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	

9. How old is your system? 35 yrs Was it permitted? Y / N When? \_\_\_\_\_

10. Have you every noticed any of the following near your septic system?

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____

11. Was your system every pumped out? YES or NO How often? 2 yrs Last time? 1 yr  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_

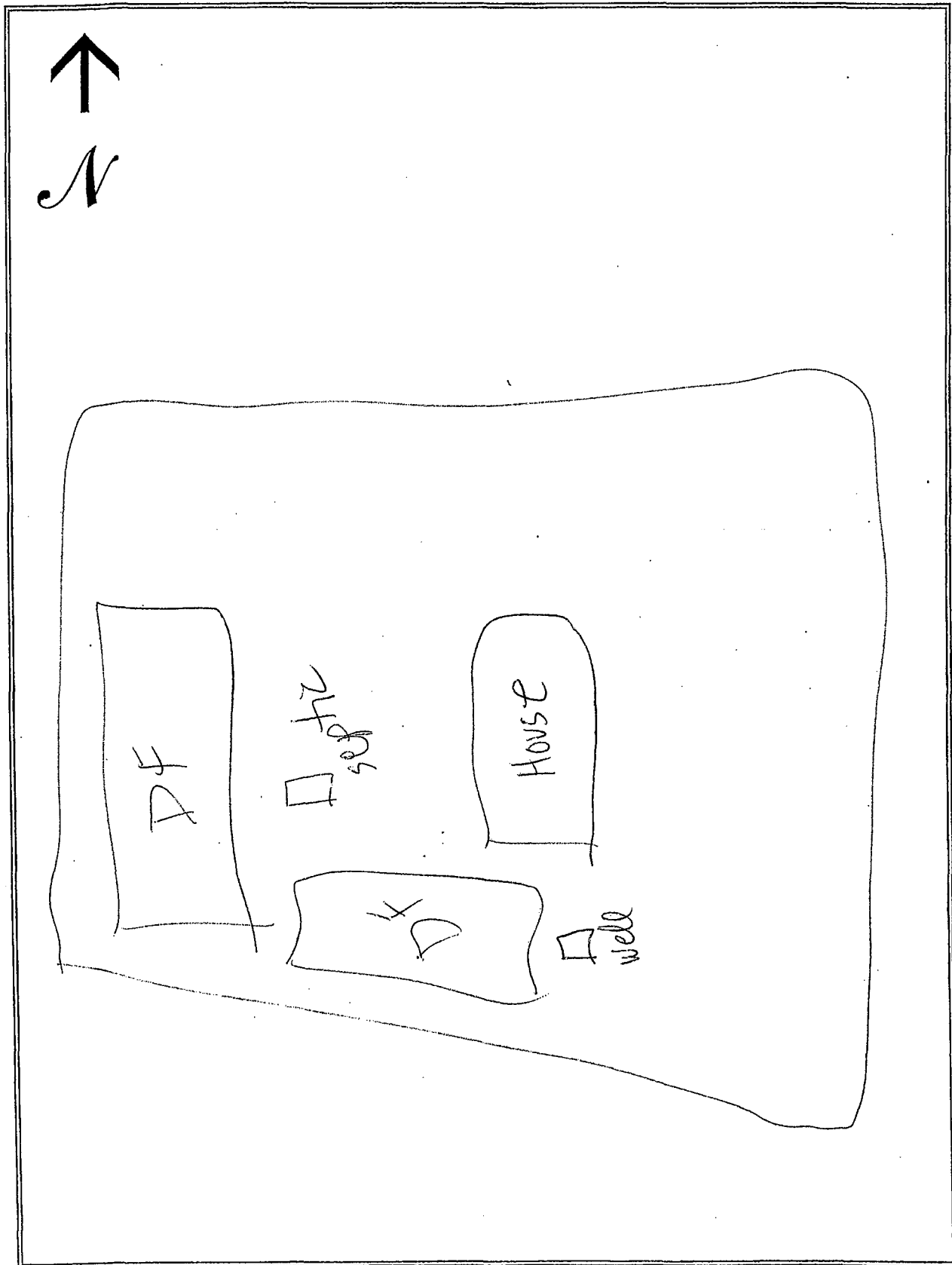
12. Was your system ever repaired? YES or NO When? 10 yrs By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED

13. Are there any other sewage problems you are aware of?

14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

\_\_\_\_/\_\_\_\_/\_\_\_\_

83

\_\_\_\_ (Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_\_/\_\_\_\_/\_\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Perry Good PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 545 Hi View Drive

1. How many people live in your house? 5 SEASONAL ☒ ALL YEAR?
2. How large is your lot? .3 acres
3. Do you have more than one sewage system on your lot? ☒ YES or ☒ NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? ☒ WELL? ☐ SPRING? ☐ PUBLIC? ☐ OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or ☒ DRILLED? How Deep? \_\_\_\_\_ ft. Cased? ☒ YES or ☐ NO
5. How far is the well or spring from the drain field 80 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? ☒ YES or ☐ NO When? \_\_\_\_\_  
What were the results? Not tested
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

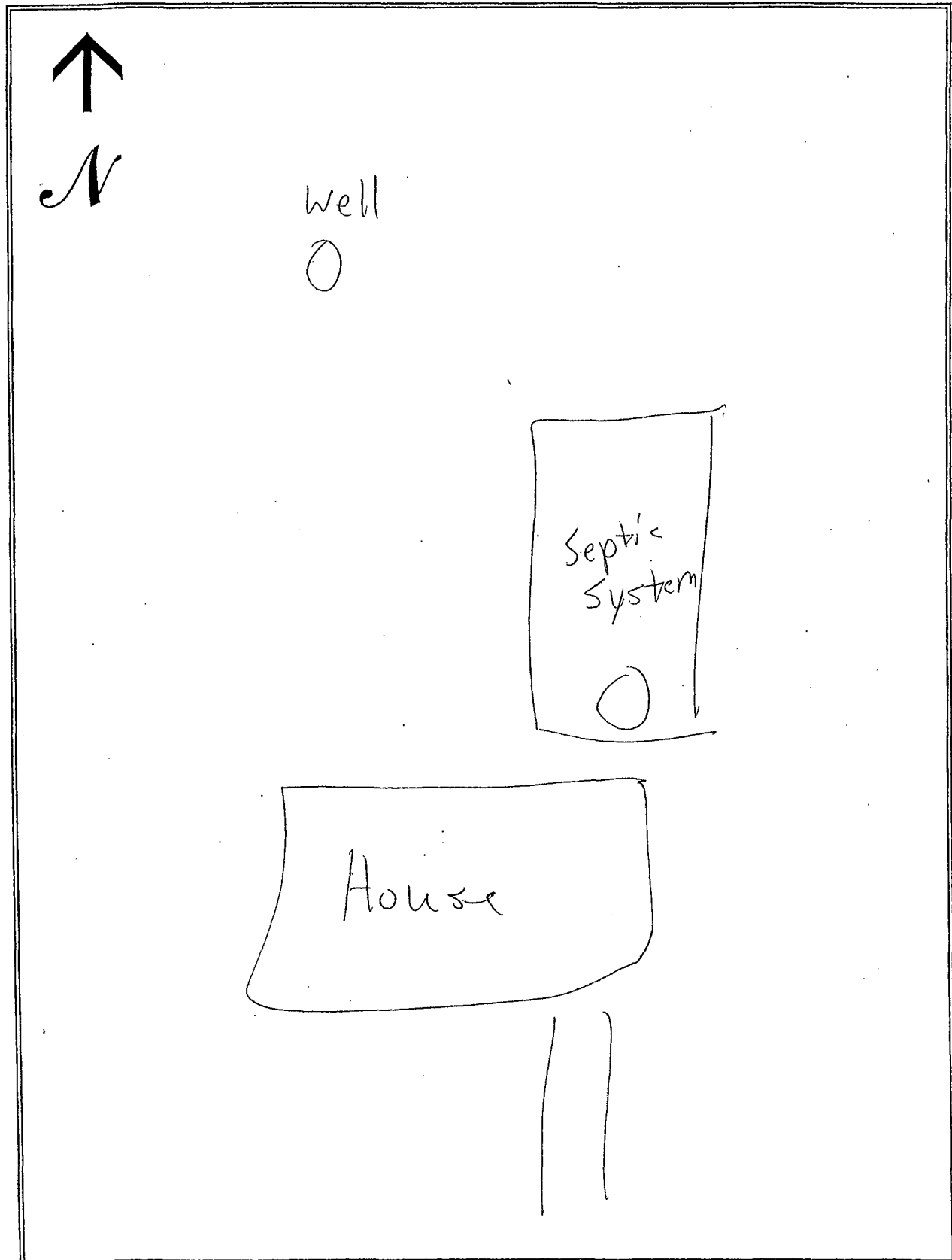
<input checked="" type="radio"/> SEPTIC TANK	<input checked="" type="radio"/> INGROUND BED	<input type="radio"/> COMMUNITY SEWER
<input type="radio"/> CESSPOOL	<input type="radio"/> INGROUND TRENCH	<input type="radio"/> STORM SEWER
<input type="radio"/> OLD WELL	<input type="radio"/> ELEVATED SAND MOUND	<input type="radio"/> PIPE TO DITCH
<input type="radio"/> HOLDING TANK	<input type="radio"/> SEEPAGE PIT	<input type="radio"/> PIPE TO STEAM
<input type="radio"/> PRIVY	<input type="radio"/> BORE HOLE	<input type="radio"/> PIPE TO SURFACE
<input type="radio"/> PUBLIC SEWER	<input type="radio"/> OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

<input type="radio"/> SEPTIC TANK	<input type="radio"/> INGROUND BED	<input type="radio"/> COMMUNITY SEWER
<input type="radio"/> CESSPOOL	<input type="radio"/> INGROUND TRENCH	<input type="radio"/> STORM SEWER
<input type="radio"/> OLD WELL	<input type="radio"/> ELEVATED SAND MOUND	<input type="radio"/> PIPE TO DITCH
<input type="radio"/> HOLDING TANK	<input type="radio"/> SEEPAGE PIT	<input type="radio"/> PIPE TO STEAM
<input type="radio"/> PRIVY	<input type="radio"/> BORE HOLE	<input type="radio"/> PIPE TO SURFACE
<input type="radio"/> PUBLIC SEWER	<input type="radio"/> OTHER _____	
9. How old is your system? 11 yrs Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

<input type="radio"/> GREEN LUSH GRASS	<input type="radio"/> WETNESS OR SPONGY AREAS
<input type="radio"/> ODORS	<input type="radio"/> WATER PONDING OR SURFACING
<input type="radio"/> SLUGGISH DRAINS	<input type="radio"/> WASTEWATER BACKING INTO THE HOME
<input type="radio"/> SYSTEM OVERFLOW	<input type="radio"/> OTHER _____
11. Was your system every pumped out? ☒ YES or ☐ NO How often? 5 yrs Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or ☒ NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

# LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

1/1/

84

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: ISSAC GIBB (Farm) PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 510 FINESTAY Way send lab results to 115 North View Drive

1. How many people live in your house? 4 SEASONAL / ALL YEAR?
2. How large is your lot? 95 acres
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field 100 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

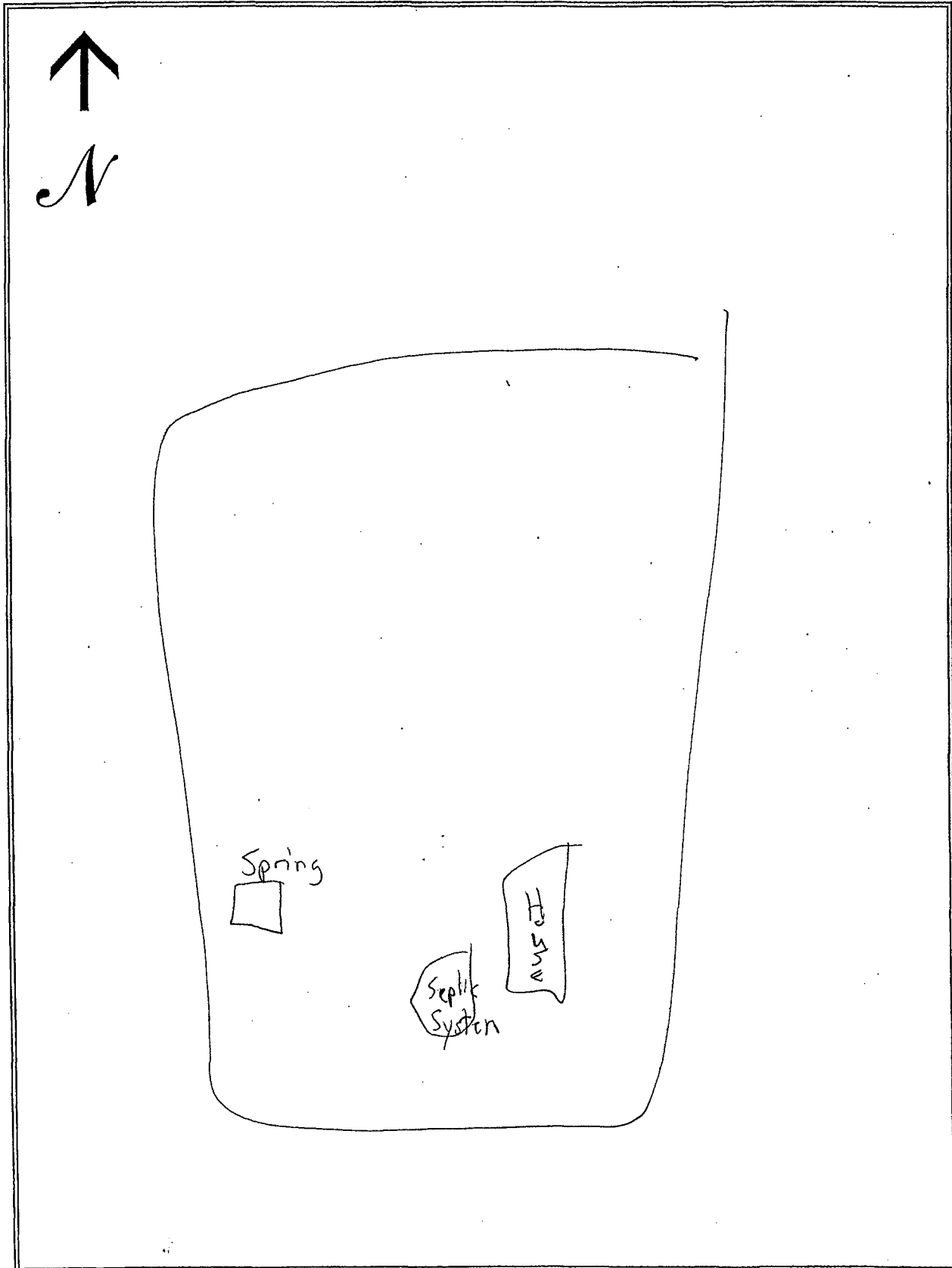
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? 2 yrs Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? New Tank By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:



## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

85

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Oliver Landis PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 213 Audrey Drive

- How many people live in your house? 2 SEASONAL / ALL YEAR?
- How large is your lot? .50 acre
- Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
- What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? Softener  
If you have a well: Is it DUG or DRILLED? How Deep? 75 ft. Cased? YES or NO
- How far is the well or spring from the drain field 106 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
- What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

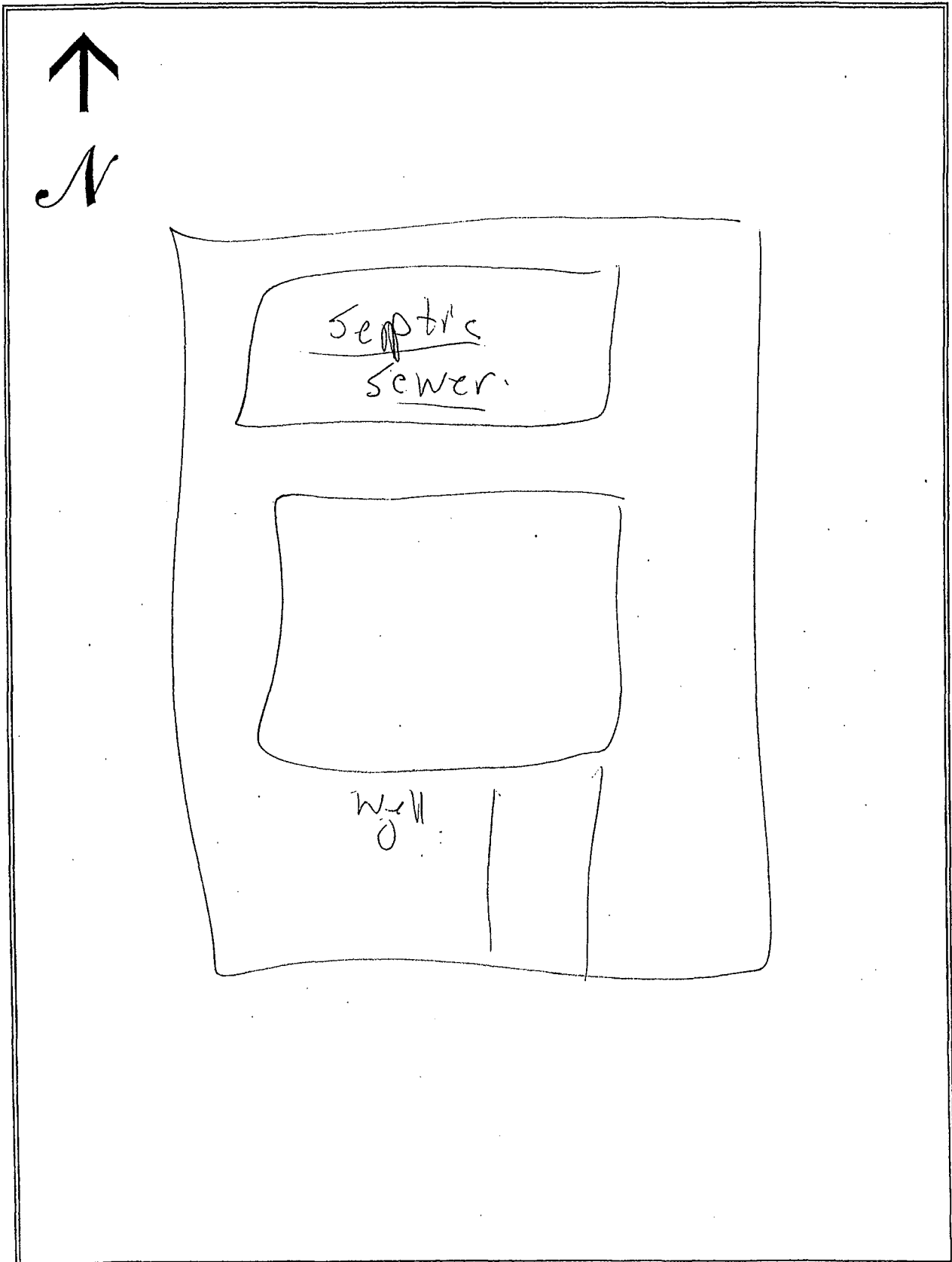
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
- Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
- How old is your system? 25 yrs Was it permitted? Y / N When? \_\_\_\_\_
- Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
- Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
- Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
- Are there any other sewage problems you are aware of?
- COMMENTS:

LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

86

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Lester Flory PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 211 ~~Flory~~ Audrey Dr.

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? \_\_\_\_\_
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field 56 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

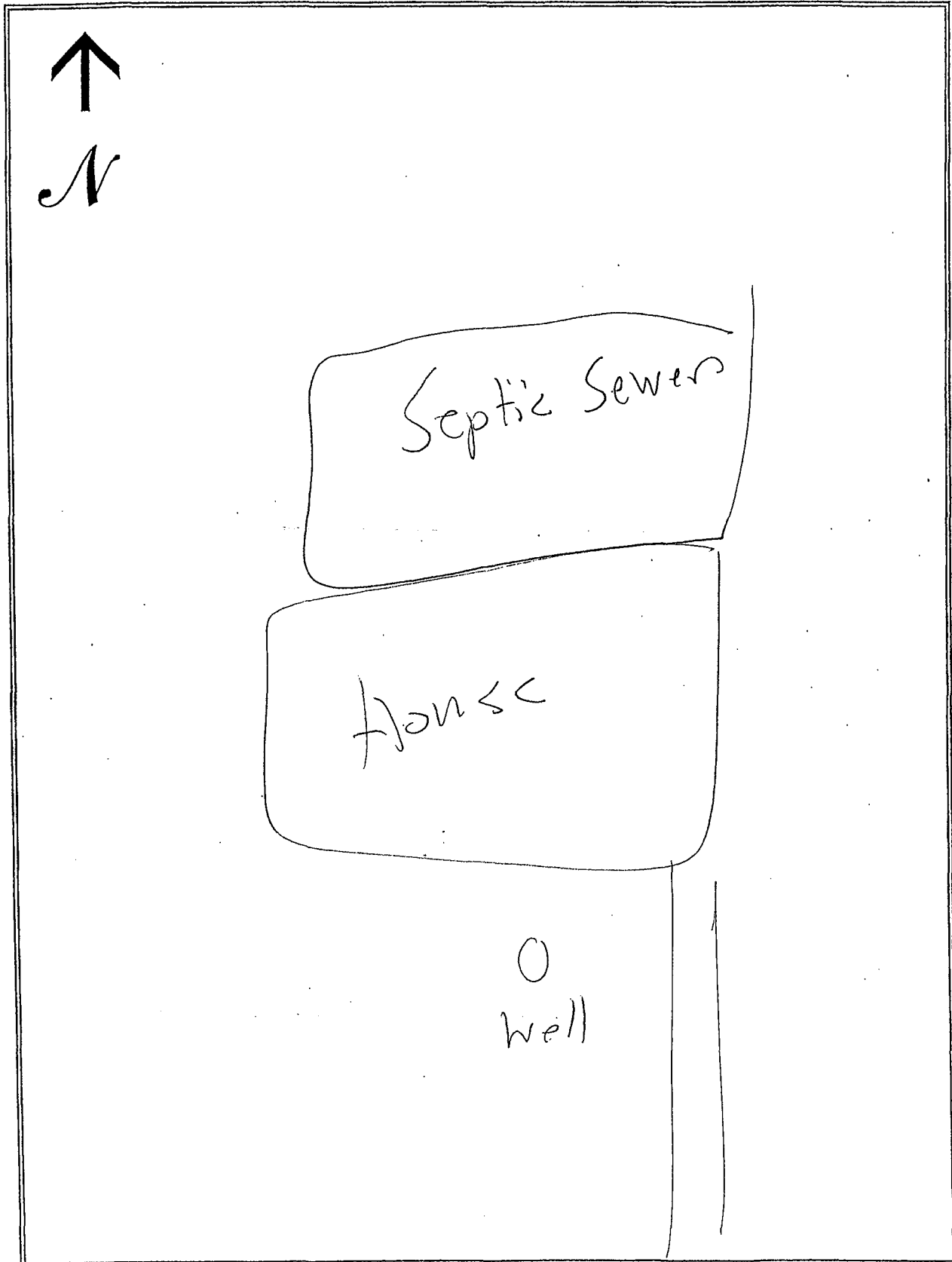
SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

87

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Levi Stoltzfus PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 683 Meadow Rd

1. How many people live in your house? 11 SEASONAL / ALL YEAR?
2. How large is your lot? 60 Acre
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field 300 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? good
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

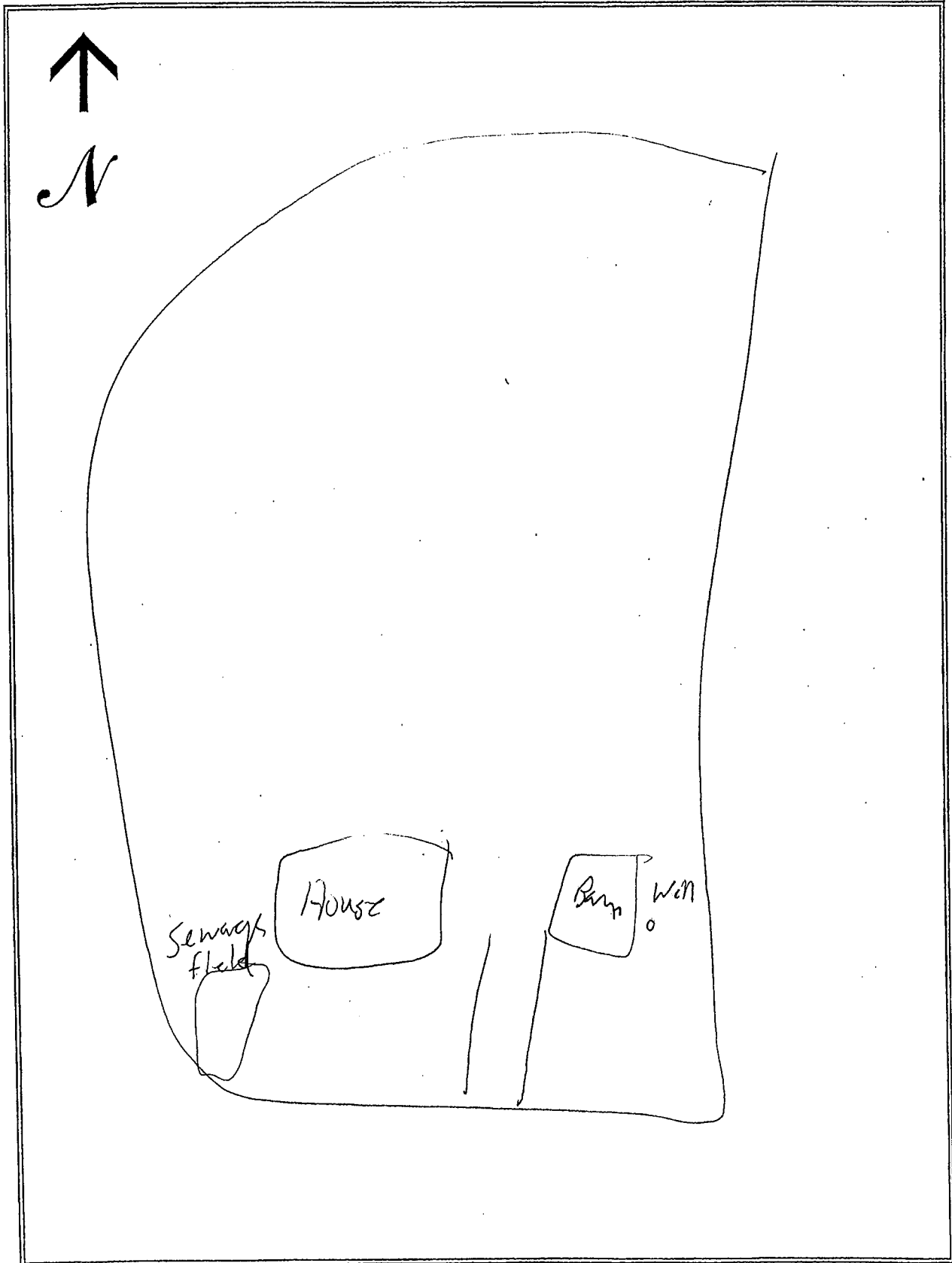
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 12 yrs Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

<u>GREEN LUSH GRASS</u>	<u>WETNESS OR SPONGY AREAS</u>
<u>ODORS</u>	<u>WATER PONDING OR SURFACING</u>
<u>SLUGGISH DRAINS</u>	<u>WASTEWATER BACKING INTO THE HOME</u>
<u>SYSTEM OVERFLOW</u>	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? 3 yrs  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #  
88

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Amos Stoltzfus PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 130 Elm Rd

1. How many people live in your house? 10 SEASONAL / ALL YEAR?
2. How large is your lot? 70
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO \_\_\_\_\_
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
<u>CESSPOOL</u>	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

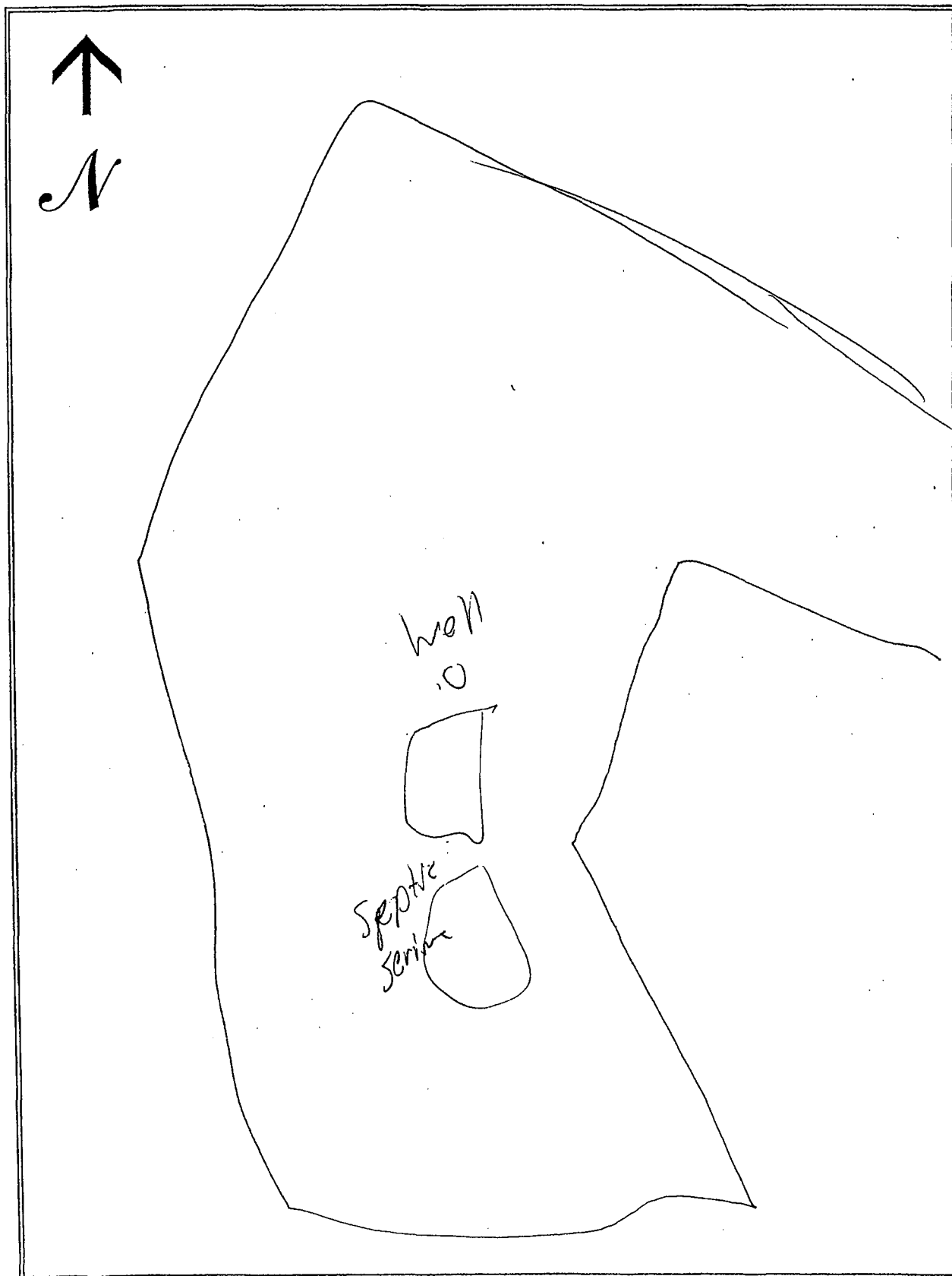
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
<u>CESSPOOL</u>	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:



# LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

89790

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Vaughan Theodore PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 351 Doe Run Road

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? \_\_\_\_\_
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

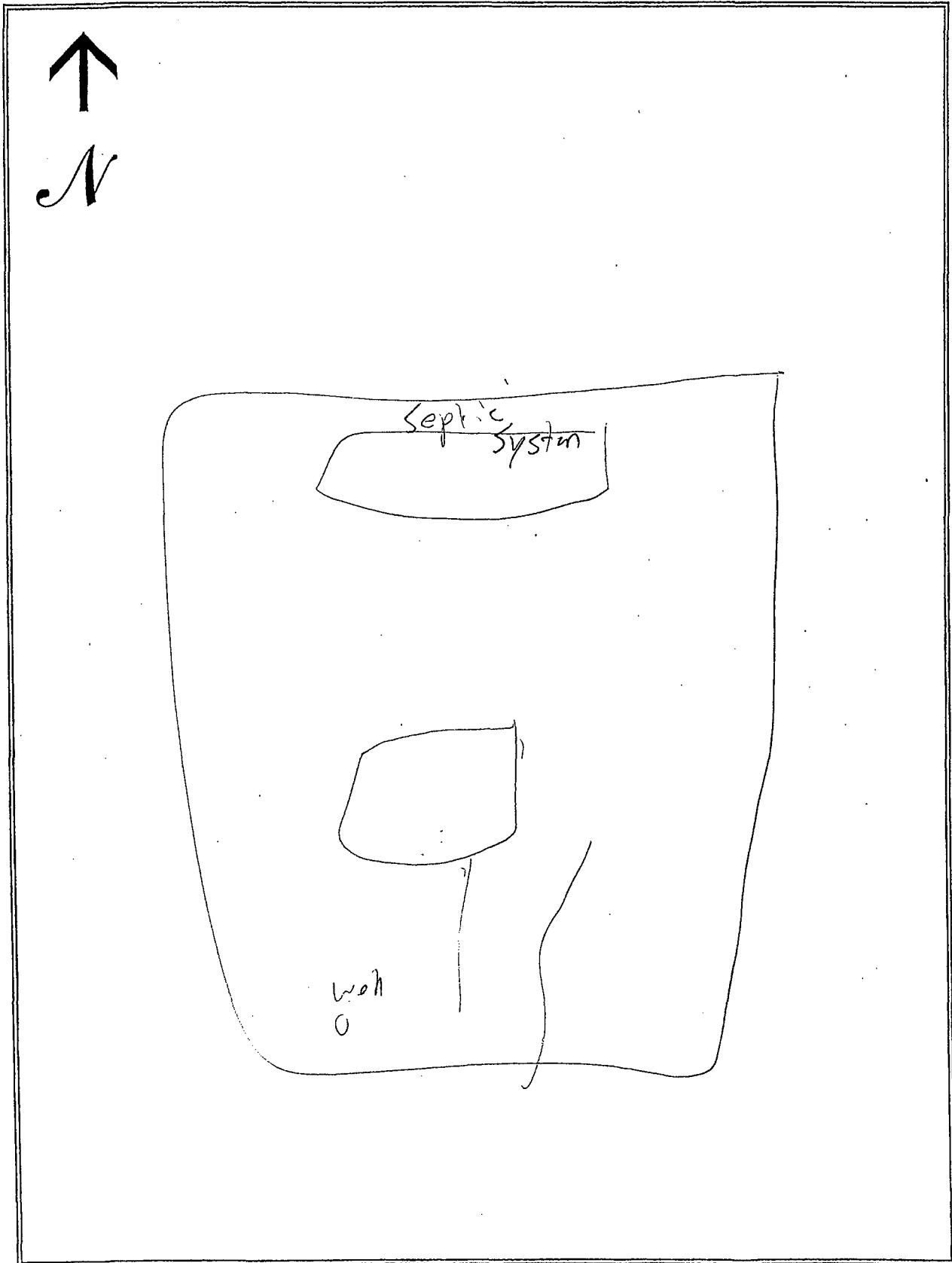
SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

5/28/02

SAMPLE / MAP #

90

PENN (Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by      /      /      to the municipal office at:

If you have any questions please contact                      at (      )                     .

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: WERNER PHONE: (      )             

ADDRESS: 2455 SCENIC DRIVE

1. How many people live in your house? 3 SEASONAL / ALL YEAR?
2. How large is your lot? 20,000 ft<sup>2</sup>
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain:
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER?               
Do you treat your water? YES OR NO If yes, how?                       
If you have a well: Is it DUG or DRILLED? How Deep? N/A ft. Cased? YES or NO
5. How far is the well or spring from the drain field              ft. Is well UP/DOWNSLOPE               
Have you every had your water tested? YES or NO When? 16 yrs.  
What were the results? CLEAR
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

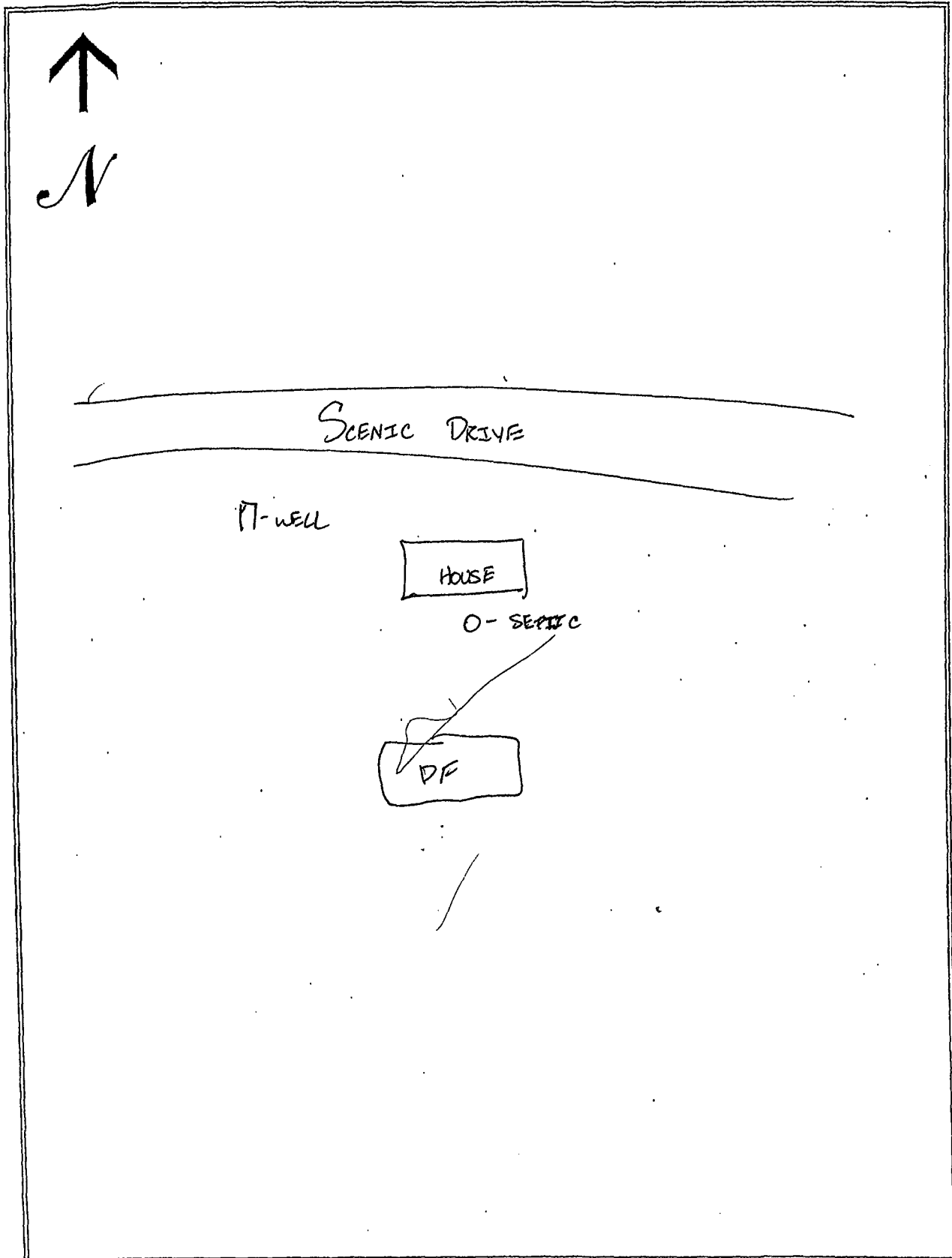
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER <u>                    </u>	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER <u>                    </u>	
9. How old is your system? 17 yrs. Was it permitted? Y / N When?
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS	<u>NONE</u>
ODORS	WATER PONDING OR SURFACING	
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME	
SYSTEM OVERFLOW	OTHER <u>                    </u>	
11. Was your system every pumped out? YES or NO How often? Once Last time? 2001  
If it was pumped, was it inspected for cracks or broken baffles?
12. Was your system ever repaired? YES or NO When?                      By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of? NONE
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

91

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: John & Elizabeth Greenly OK PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: Hickory Ln

- How many people live in your house? 3 SEASONAL / ALL YEAR?
- How large is your lot? 1.9 Acre
- Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
- What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? Softener  
If you have a well: Is it DUG or DRILLED? How Deep? 200 ft. Cased? YES or NO  
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? 5 yrs  
What were the results? \_\_\_\_\_
- What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

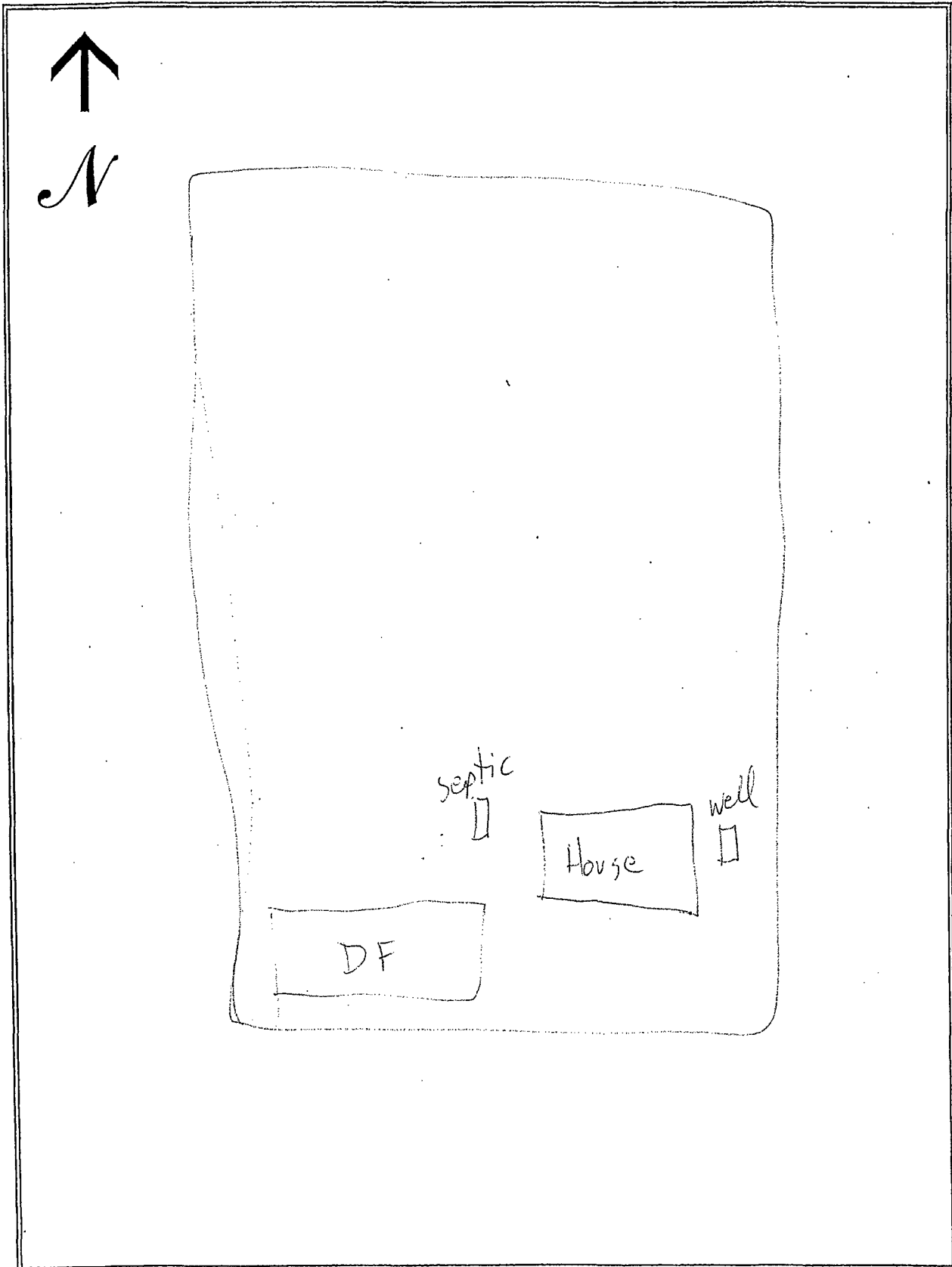
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
- Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
- How old is your system? 25 yrs Was it permitted? Y / N When? \_\_\_\_\_
- Have you every noticed any of the following near your septic system?  

<u>GREEN LUSH GRASS</u>	<u>WETNESS OR SPONGY AREAS</u>
<u>ODORS</u>	<u>WATER PONDING OR SURFACING</u>
<u>SLUGGISH DRAINS</u>	<u>WASTEWATER BACKING INTO THE HOME</u>
<u>SYSTEM OVERFLOW</u>	OTHER _____
- Was your system every pumped out? YES or NO How often? 3 yrs Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
- Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
- Are there any other sewage problems you are aware of?
- COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

92

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Allen & Judy Neifert PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 642 Hickory Lane

1. How many people live in your house? 2 SEASONAL / ALL YEAR?
2. How large is your lot? 1 1/3 Acre
3. Do you have more than one sewage system on your lot? YES or (NO)  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? (WELL) SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR (NO) If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or (DRILLED)? How Deep? \_\_\_\_\_ ft. Cased? YES or NO  
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? (YES) or NO When? 2 yrs  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

<u>(SEPTIC TANK)</u>	<u>(INGROUND BED)</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

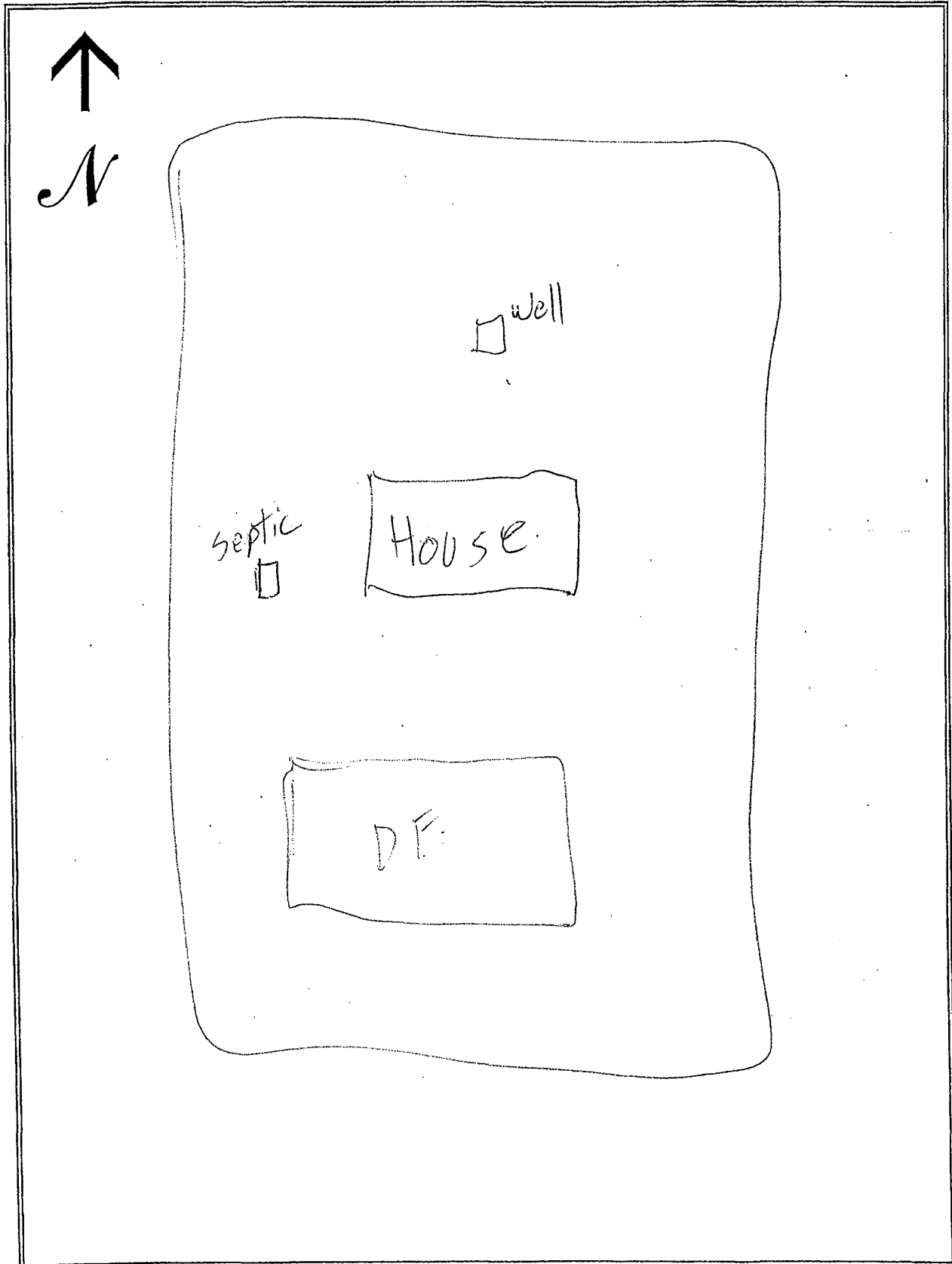
<u>(SEPTIC TANK)</u>	<u>(INGROUND BED)</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 11 yrs Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
<u>(SLUGGISH DRAINS)</u>	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? (YES) or NO How often? 1 yr Last time? 1 yr  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or (NO) When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:



LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

5/22/02

SAMPLE / MAP #

23

Penn (Boro. / Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: GRASSINGER PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 1078 BLAERTON CT

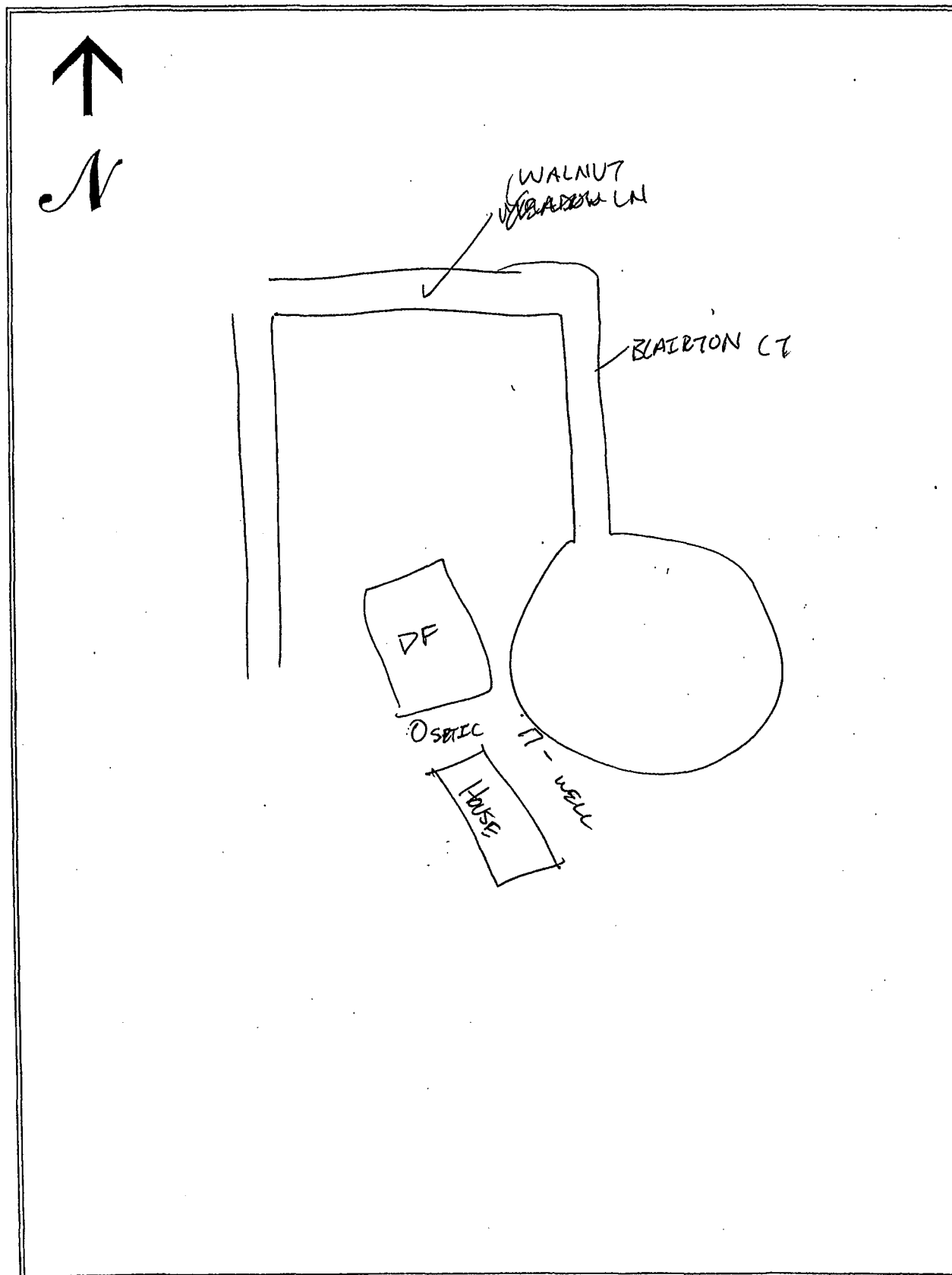
- How many people live in your house? 4 SEASONAL / ALL YEAR?
- How large is your lot? 1/3 ACRE
- Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
- What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? 250 ft. Cased? YES or NO N/A
- How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
- What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
- Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
- How old is your system? 7 yrs Was it permitted? Y / N When? \_\_\_\_\_
- Have you every noticed any of the following near your septic system?  

<u>GREEN LUSH GRASS</u>	WETNESS OR SPONGY AREAS
<u>ODORS</u> <u>laundry</u>	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
- Was your system every pumped out? YES or NO How often? N/A Last time? N/A  
If it was pumped, was it inspected for cracks or broken baffles? N/A
- Was your system ever repaired? YES or NO When? 2 yrs By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
- Are there any other sewage problems you are aware of? NO
- COMMENTS:

*Items to Include:* tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

94

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Joseph + Betty Bryson PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 508 Hickory Lane

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? \_\_\_\_\_
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

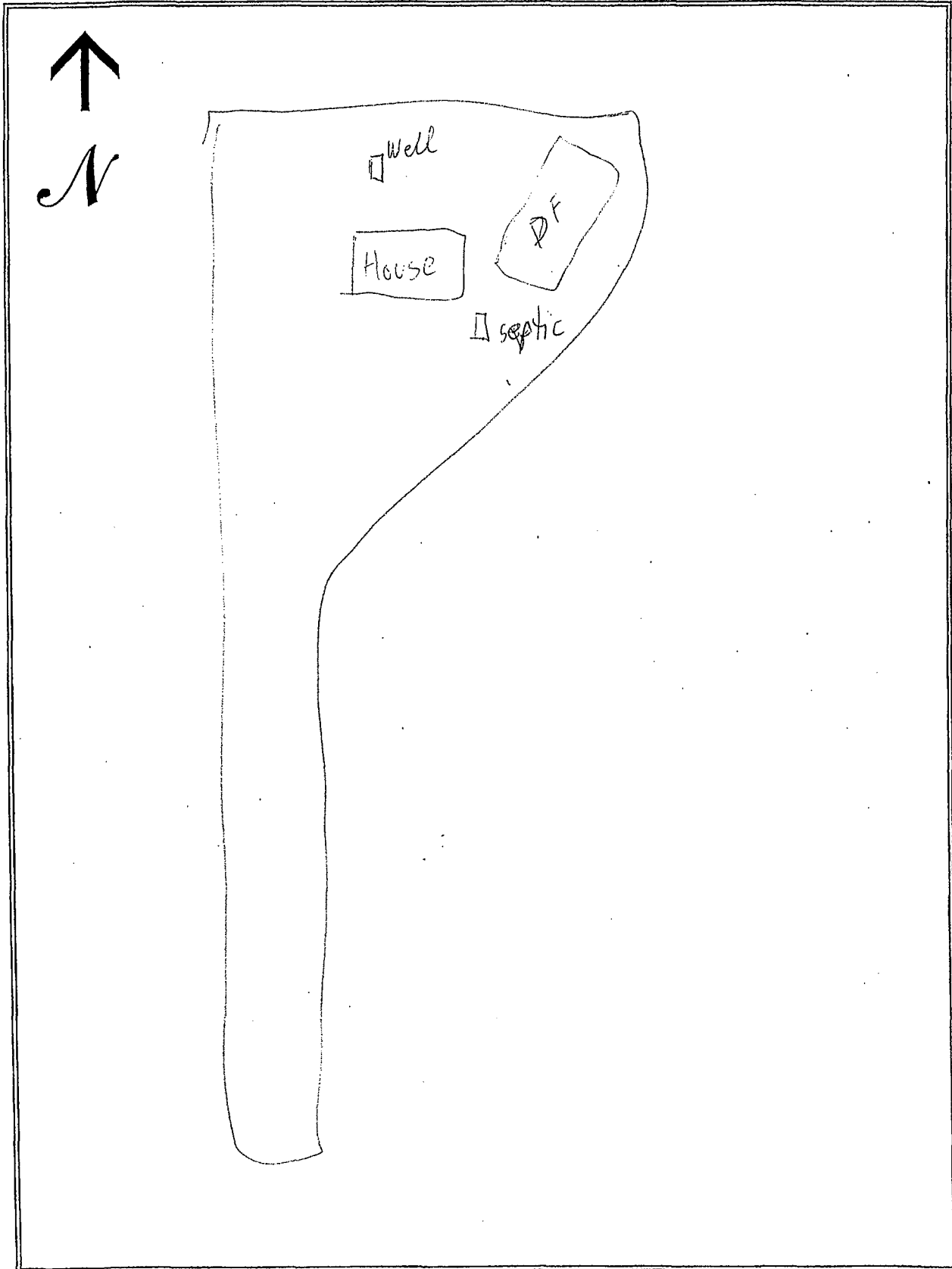
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

95

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Jason Riggle PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 697 White Oak Rd

1. How many people live in your house? 2 SEASONAL / ALL YEAR?
2. How large is your lot? 2 1/3 Acre
3. Do you have more than one sewage system on your lot? YES or (NO)  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? (WELL?) SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? (YES) OR NO If yes, how? UV  
If you have a well: Is it DUG or (DRILLED?) How Deep? 200 ft. Cased? YES or NO  
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? (YES) or NO When? 1 1/2 yrs  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

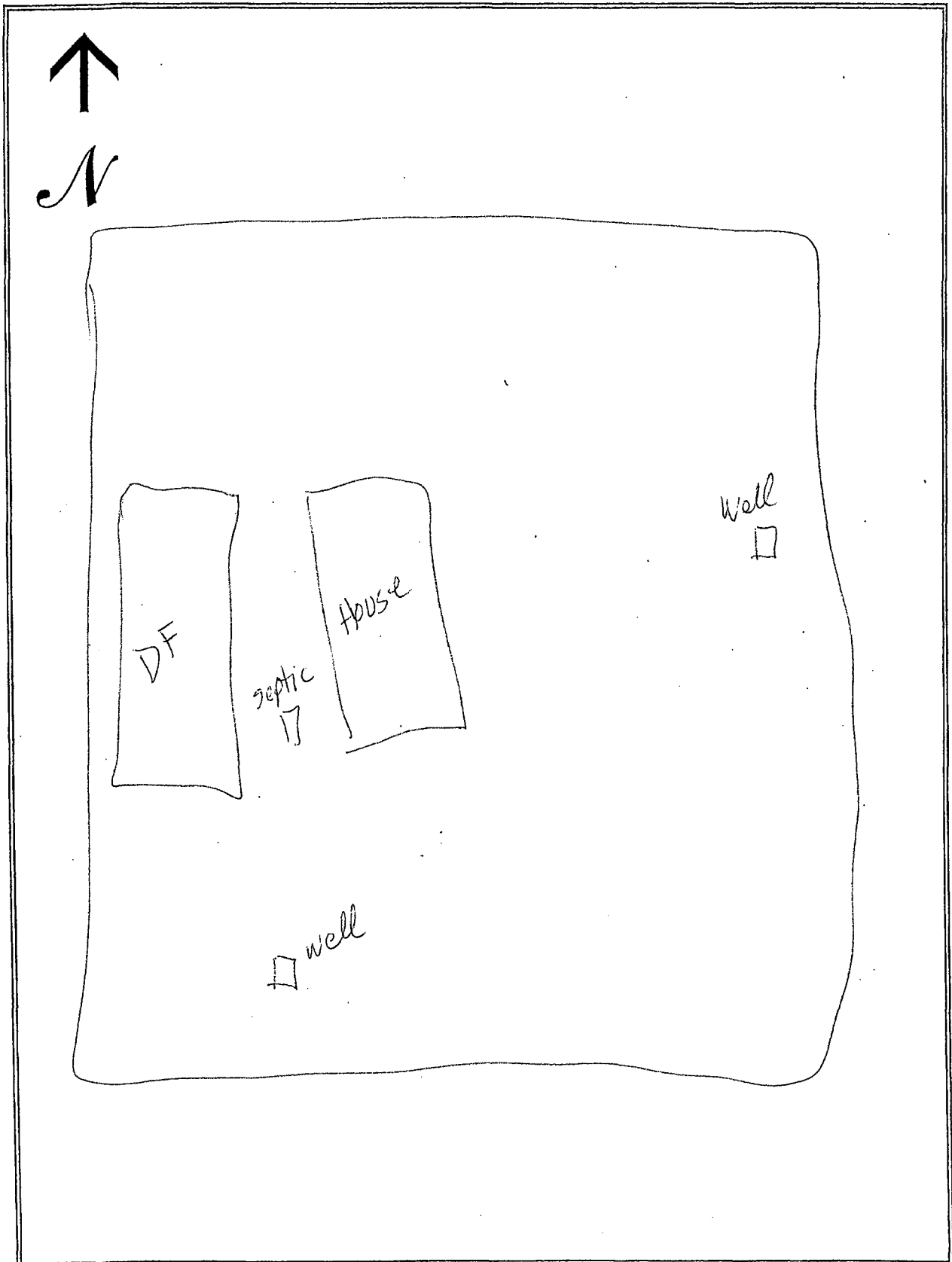
<u>(SEPTIC TANK)</u>	<u>(INGROUND BED)</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>(SEPTIC TANK)</u>	<u>(INGROUND BED)</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 9 yrs Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or (NO) How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or (NO) When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

# LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

96

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Brian & Julie Landis PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 717 White Oak Rd

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? 2 1/3 Acre
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

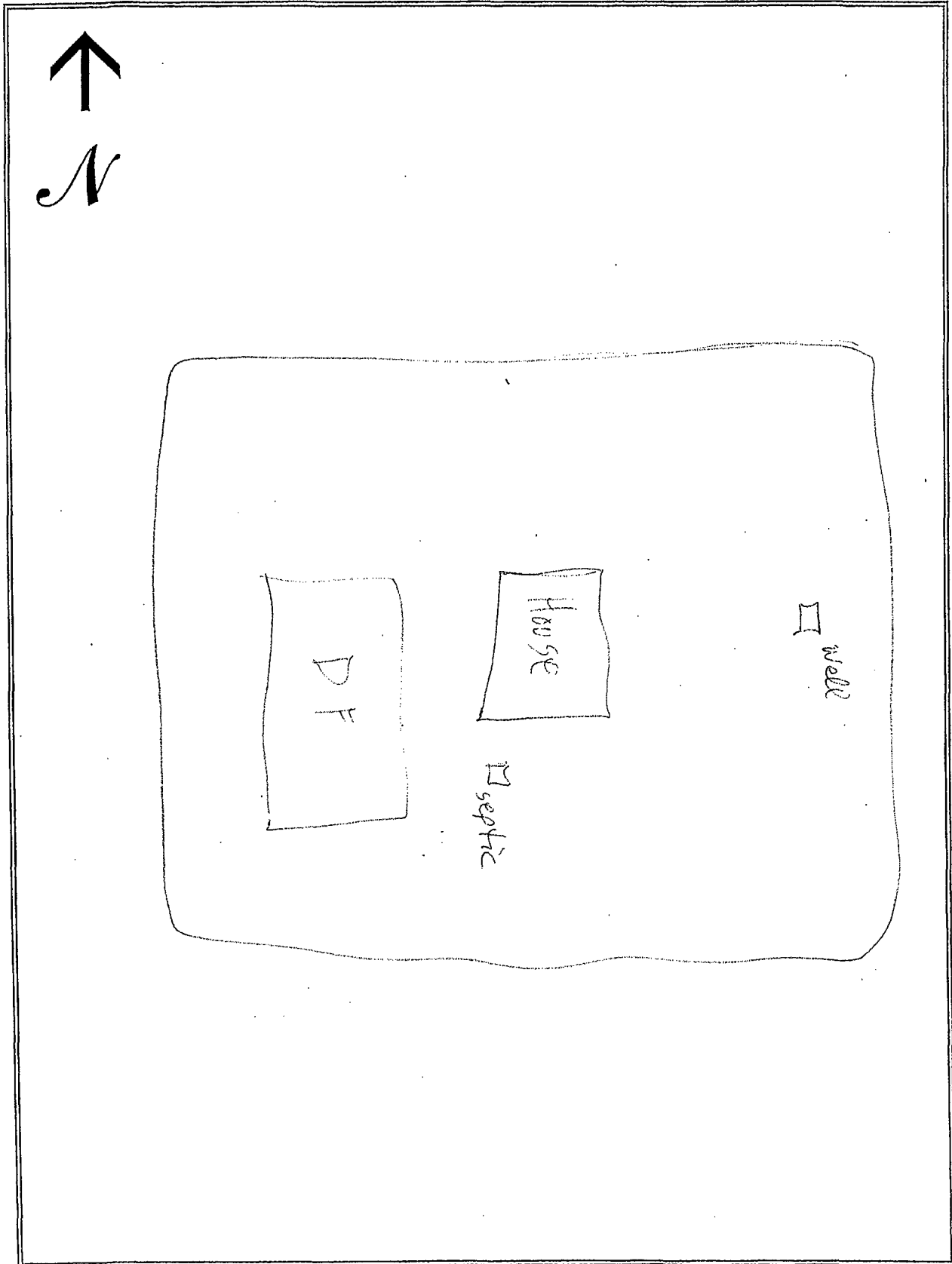
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:



## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #  
97

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: John Farmer PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 727 White Oak Rd

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? 1/2 Acre
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

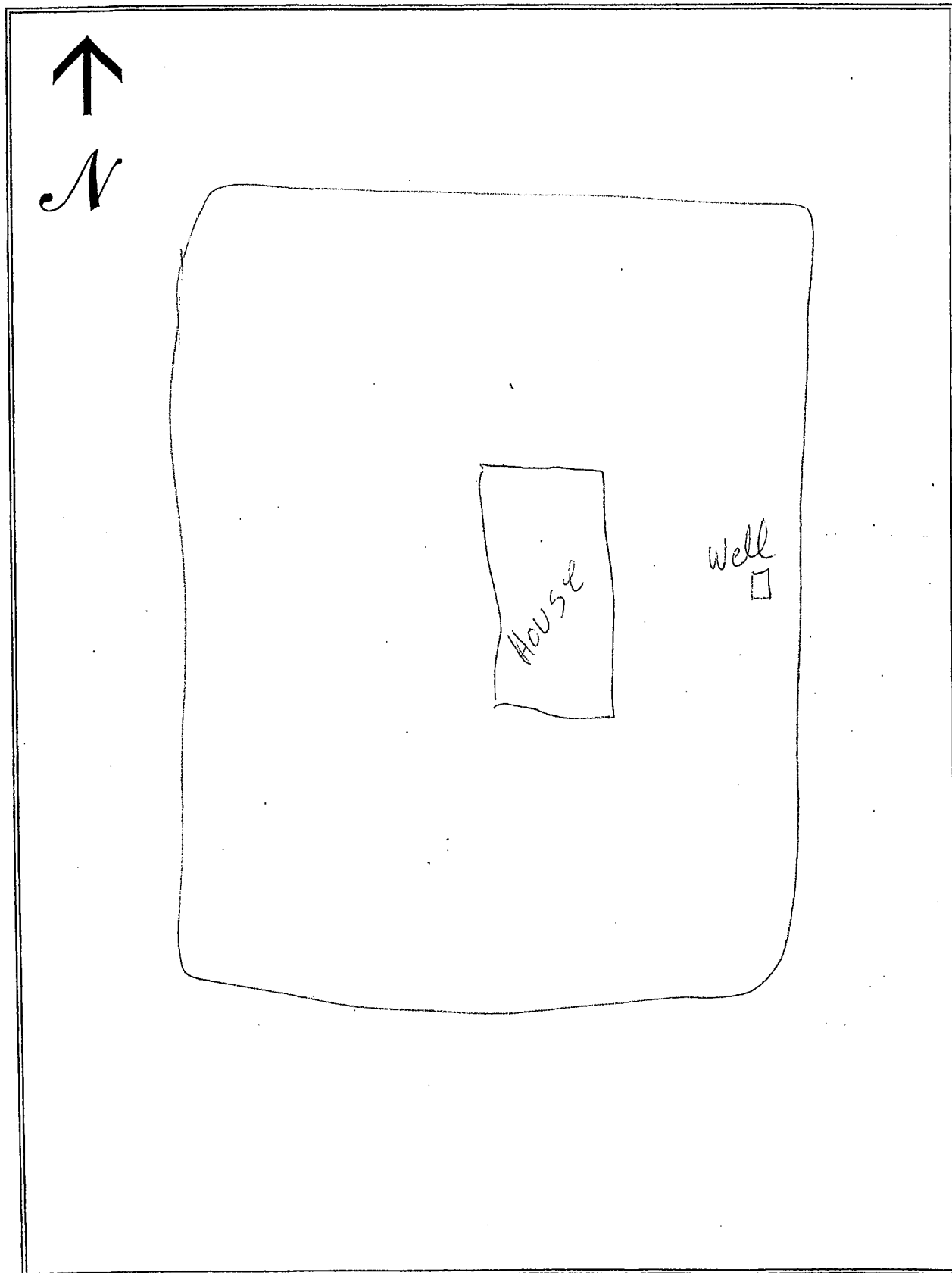
SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #  
98

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Gerald & Geraldine Rottkamp PHONE: (\_\_\_\_) \_\_\_\_\_  
ADDRESS: 767 White Oak Rd

1. How many people live in your house? 2 SEASONAL / ALL YEAR?
2. How large is your lot? 9 1/2 Acres
3. Do you have more than one sewage system on your lot? YES or (NO)  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? (YES) OR NO If yes, how? softener  
If you have a well: Is it DUG or (DRILLED)? How Deep? 400 ft. Cased? YES or NO  
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWNSLOPE \_\_\_\_\_  
Have you every had your water tested? YES or (NO) When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

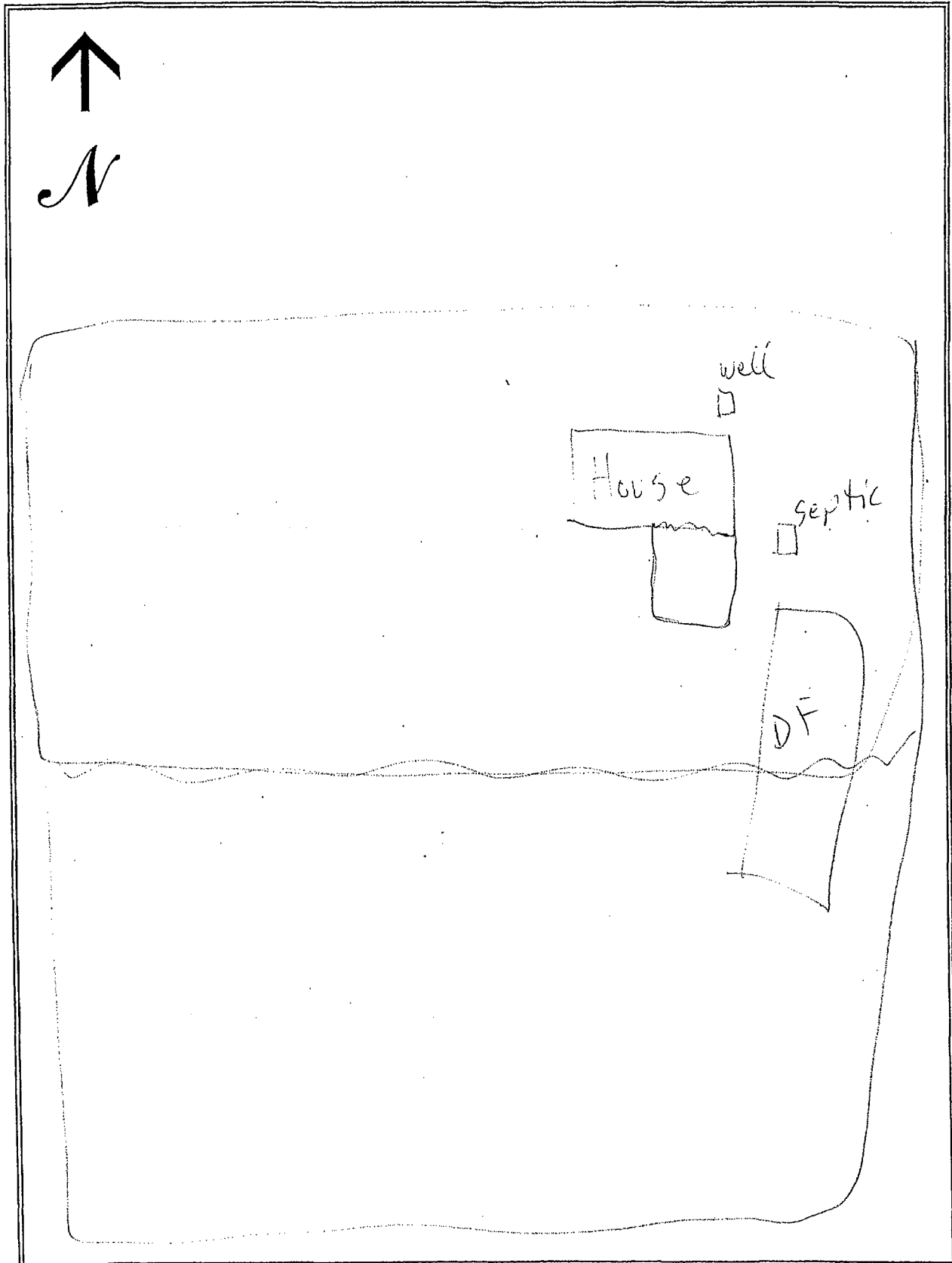
<u>(SEPTIC TANK)</u>	<u>(INGROUND BED)</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>(SEPTIC TANK)</u>	<u>(INGROUND BED)</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 1 1/2 yrs Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or (NO) How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

1/1/1

99

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by 1/1/1 to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Timothy + Molly Bar to PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 917 White Oak Rd.

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? 15.8 ACRES
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

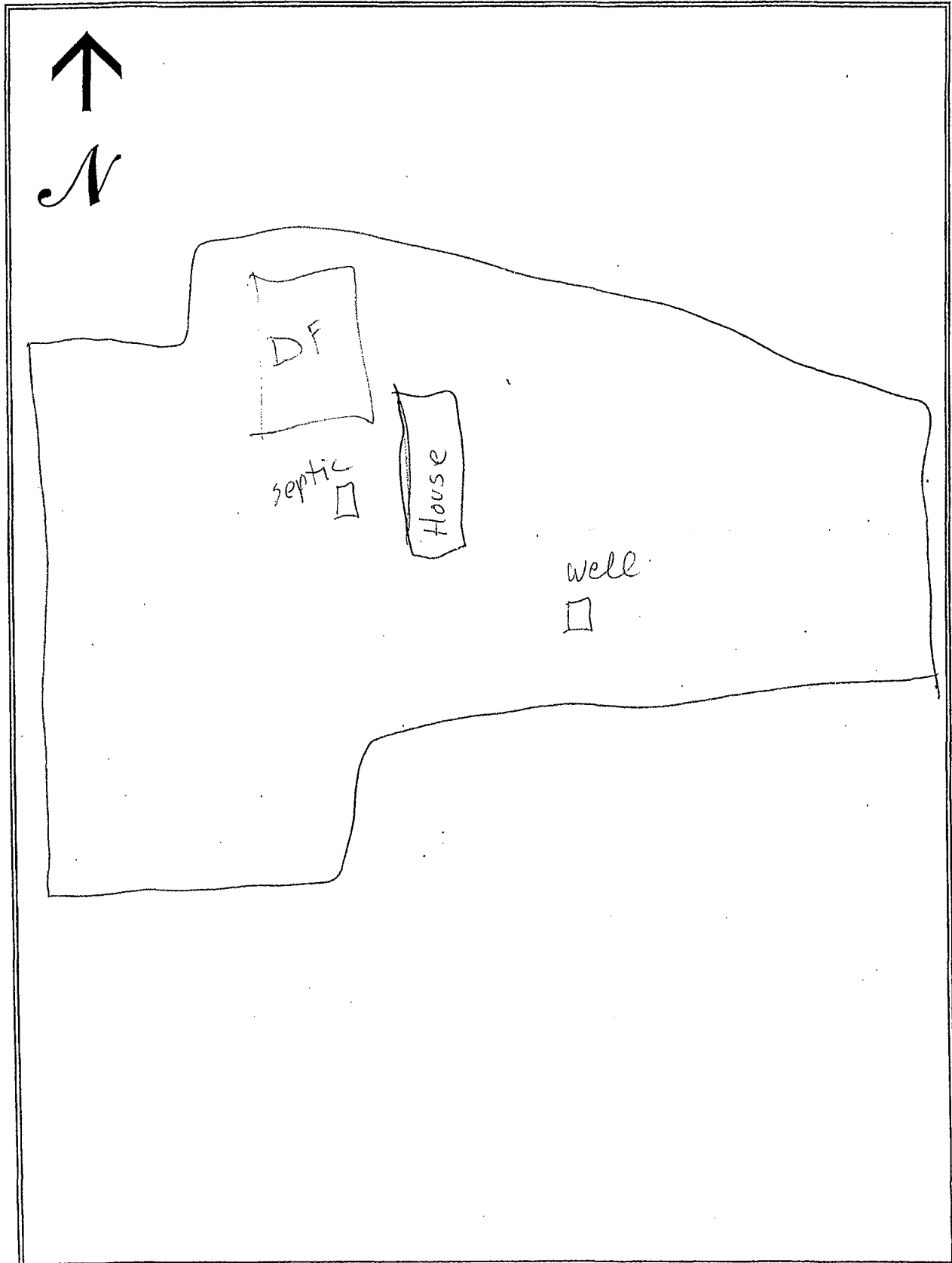
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

# LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY 5/22/02

SAMPLE / MAP #  
100

PENN (Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by 1/1/ to the municipal office at:

BE AT RESIDENCE BY 8:00 AM

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: BARBER PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 972 WHITE OAK RD

1. How many people live in your house? 5 SEASONAL / ALL YEAR?
2. How large is your lot? 0.82
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? YES UV Light  
If you have a well: Is it DUG or DRILLED? How Deep? 100 ft. Cased? YES or NO  
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? BACTERIA / NITRATES PRESENT  
CONFIRM
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	<u>INGROUND TRENCH</u>	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

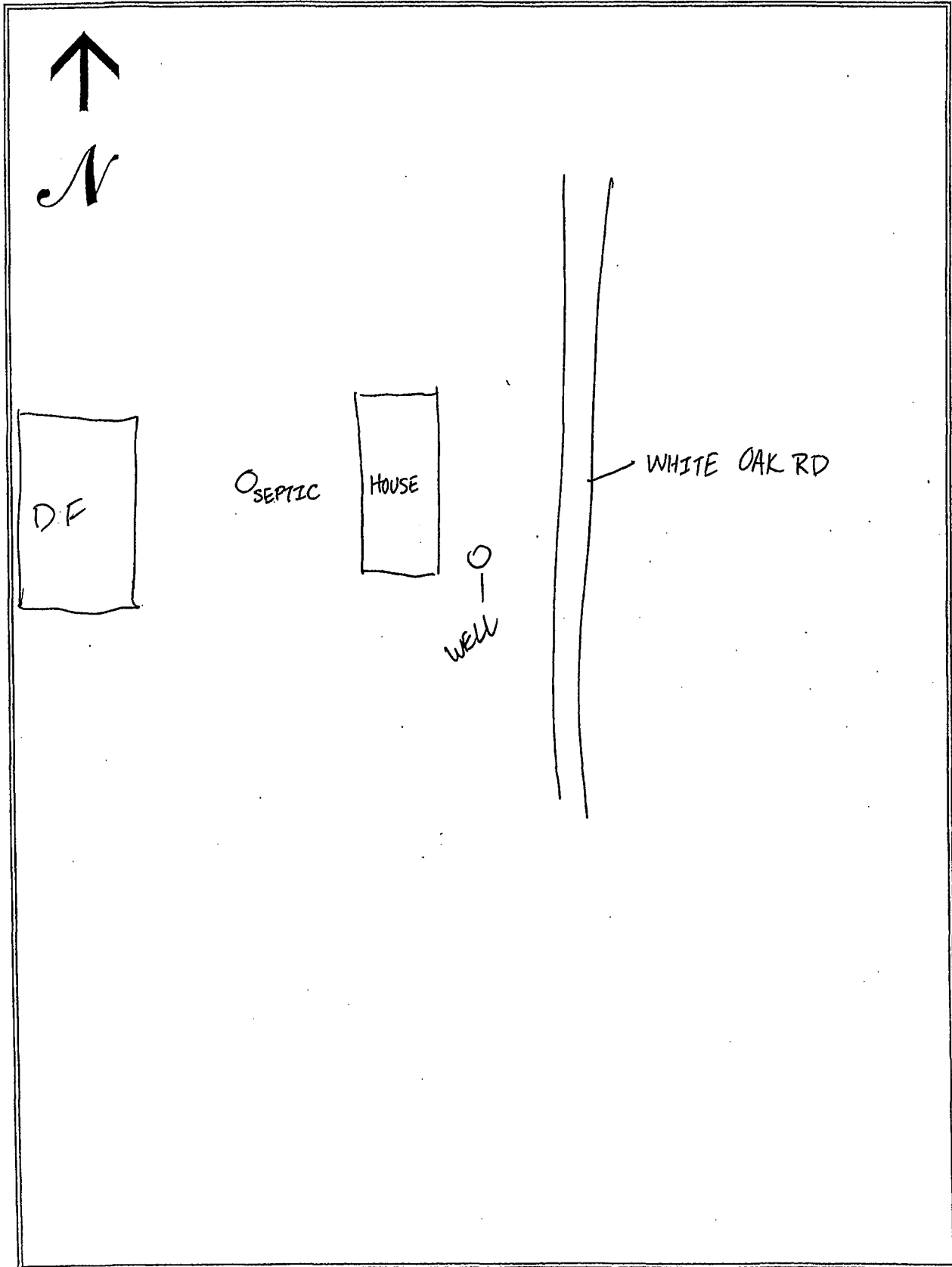
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	<u>INGROUND TRENCH</u>	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 22 yrs Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	<u>WETNESS OR SPONGY AREAS</u>
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? 2000  
If it was pumped, was it inspected for cracks or broken baffles? yes
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of? NO
14. COMMENTS:



## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



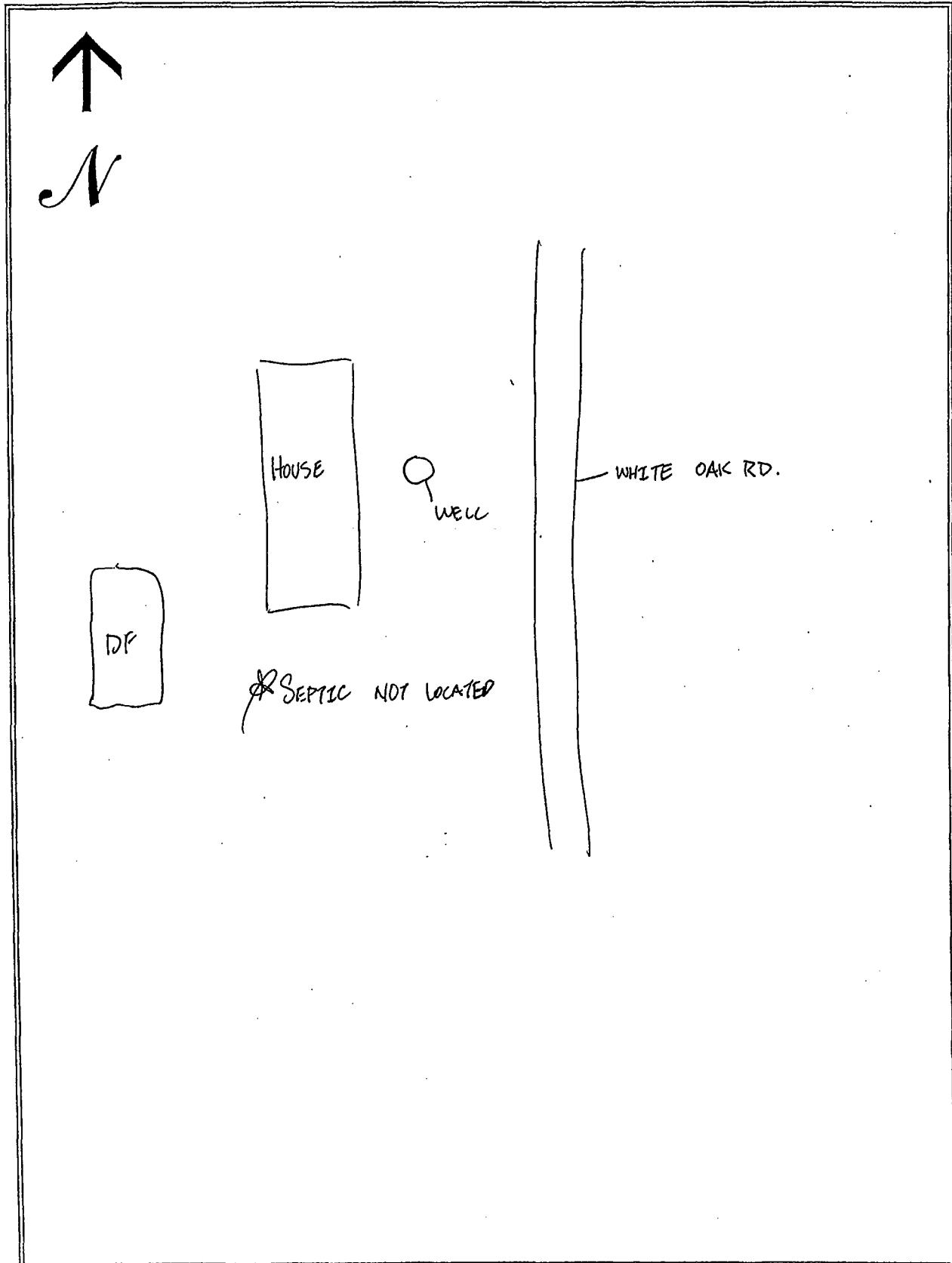
SAMPLE/MAP #

101

14. COMMENTS:

# LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

5/22/02

SAMPLE / MAP #

102

PENN (Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by     /     /     to the municipal office at:

If you have any questions please contact                                  at (     )     -     .

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: LONG PHONE: (     )     -    

ADDRESS: 998 WHITE OAK RD.

- How many people live in your house? 2 SEASONAL / ALL YEAR?
- How large is your lot? 1.44
- Do you have more than one sewage system on your lot? YES or NO  
If yes, explain:
- What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER?                                   
Do you treat your water? YES OR NO If yes, how? WATER SOFTNER  
If you have a well: Is it DUG or DRILLED? How Deep? 130 ft. Cased? YES or NO
- How far is the well or spring from the drain field                                  ft. Is well UP/DOWN SLOPE                                   
Have you every had your water tested? YES or NO When? 7-8 yrs. ago  
What were the results? CLEAR
- What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

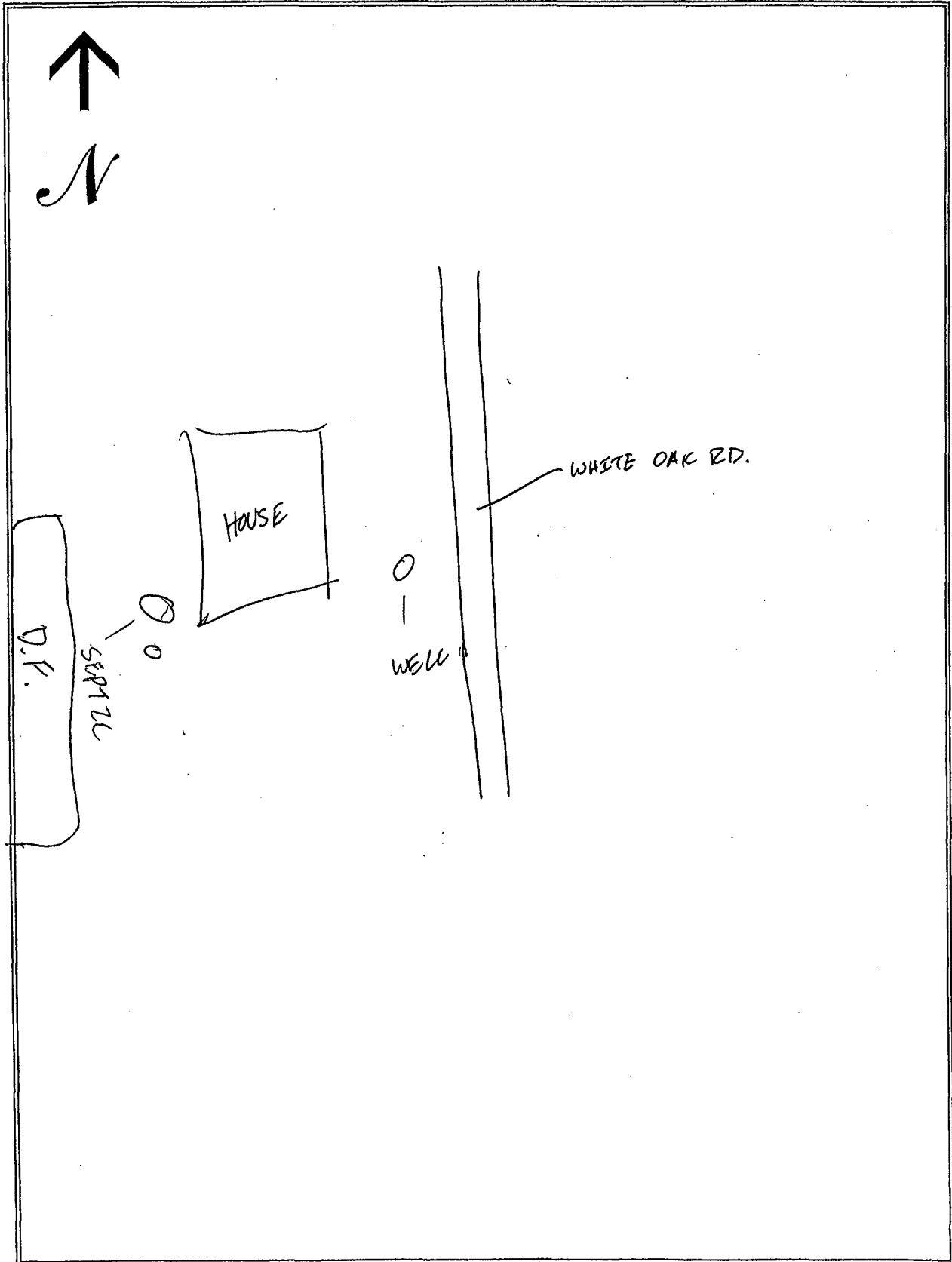
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	<u>INGROUND TRENCH</u>	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER <u>                                </u>	
- Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	<u>INGROUND TRENCH</u>	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER <u>                                </u>	
- How old is your system? 17 yrs. Was it permitted? Y / N When?
- Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS	<u>NONE</u>
ODORS	WATER PONDING OR SURFACING	
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME	
SYSTEM OVERFLOW	OTHER <u>                                </u>	
- Was your system every pumped out? YES or NO How often? 3 yrs. Last time? 2 yrs.  
If it was pumped, was it inspected for cracks or broken baffles? N/A
- Was your system ever repaired? YES or NO When?                                  By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED                                  LINE: REPAIRED/REPLACED                                  DRAIN FIELD: REPAIRED/REPLACED
- Are there any other sewage problems you are aware of? NONE
- COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

5/22/02

103

PENN (Boro. Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_-\_\_\_\_.  
Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: MULLIOS PHONE: (\_\_\_\_) \_\_\_\_-\_\_\_\_  
ADDRESS: 989 WHITE OAK RD

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? 0.59
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

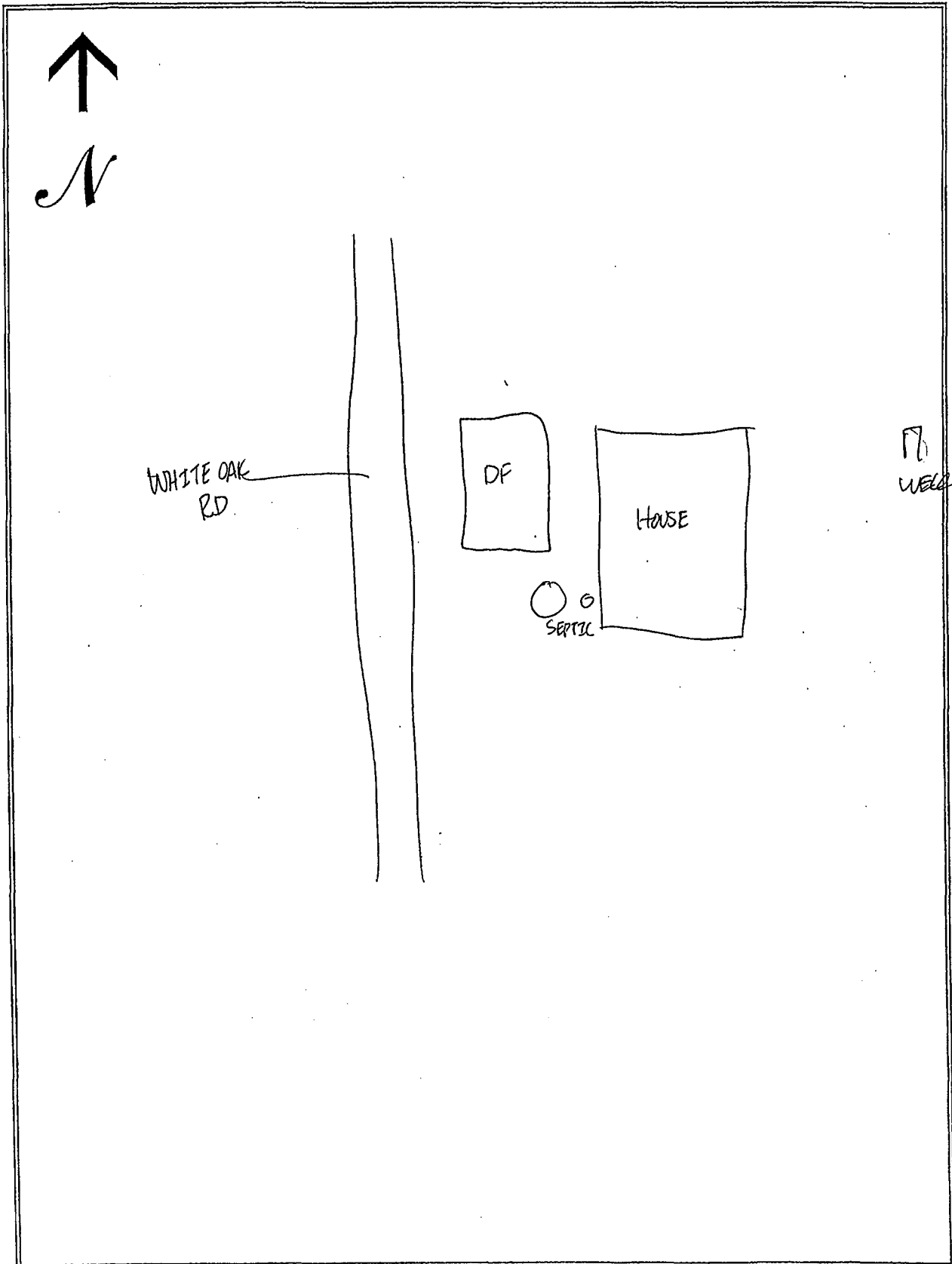
SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY 5 R2 P2

SAMPLE / MAP #  
104

PENN (Boro/Twp) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_\_) \_\_\_\_\_.  
Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: BAUMAN PHONE: (\_\_\_\_) \_\_\_\_-\_\_\_\_  
ADDRESS: 999 WHITE OAK RD

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? 0.59
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

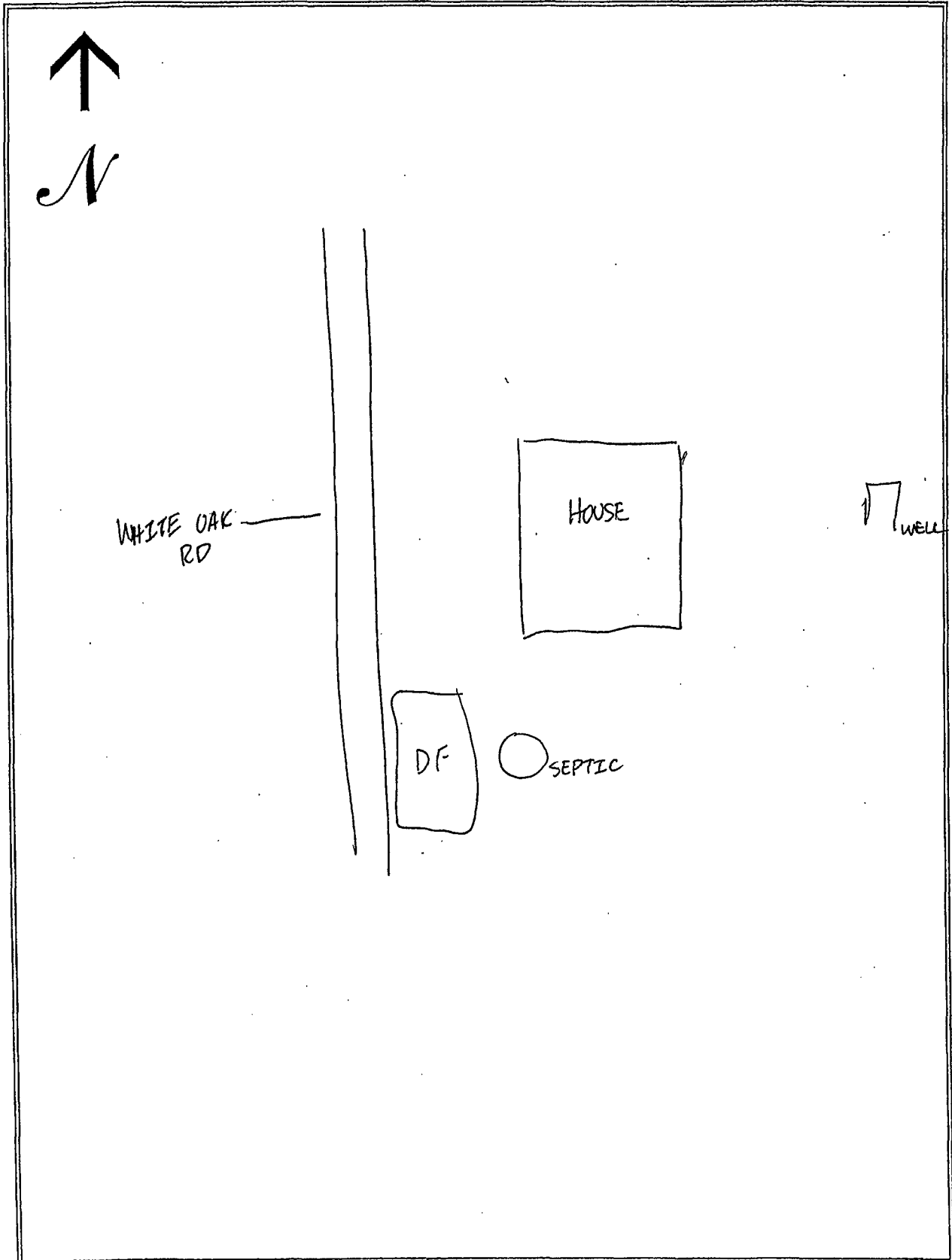
SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:



# LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

5/22/02

SAMPLE / MAP #

105

PENN (Boro/Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by     /     /     to the municipal office at:

If you have any questions please contact                                  at (     )                         .

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: EBERSOLE PHONE: (     )                 

ADDRESS: 1008 WHITE OAK RD

- How many people live in your house? 1 SEASONAL (ALL YEAR?)
- How large is your lot? 0.87
- Do you have more than one sewage system on your lot? YES or (NO)  
If yes, explain:
- What kind of water system do you have? (WELL?) SPRING? PUBLIC? OTHER?                           
Do you treat your water? YES OR NO If yes, how? TREATMENT CENTER  
If you have a well: Is it DUG or (DRILLED?) How Deep? 375 ft. Cased? YES or NO  
5. How far is the well or spring from the drain field                  ft. Is well (UP/DOWN) SLOPE                   
Have you every had your water tested? (YES) or NO When? 10-12 yrs. AGO  
What were the results? NITRATE / FC PRESENT
- What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

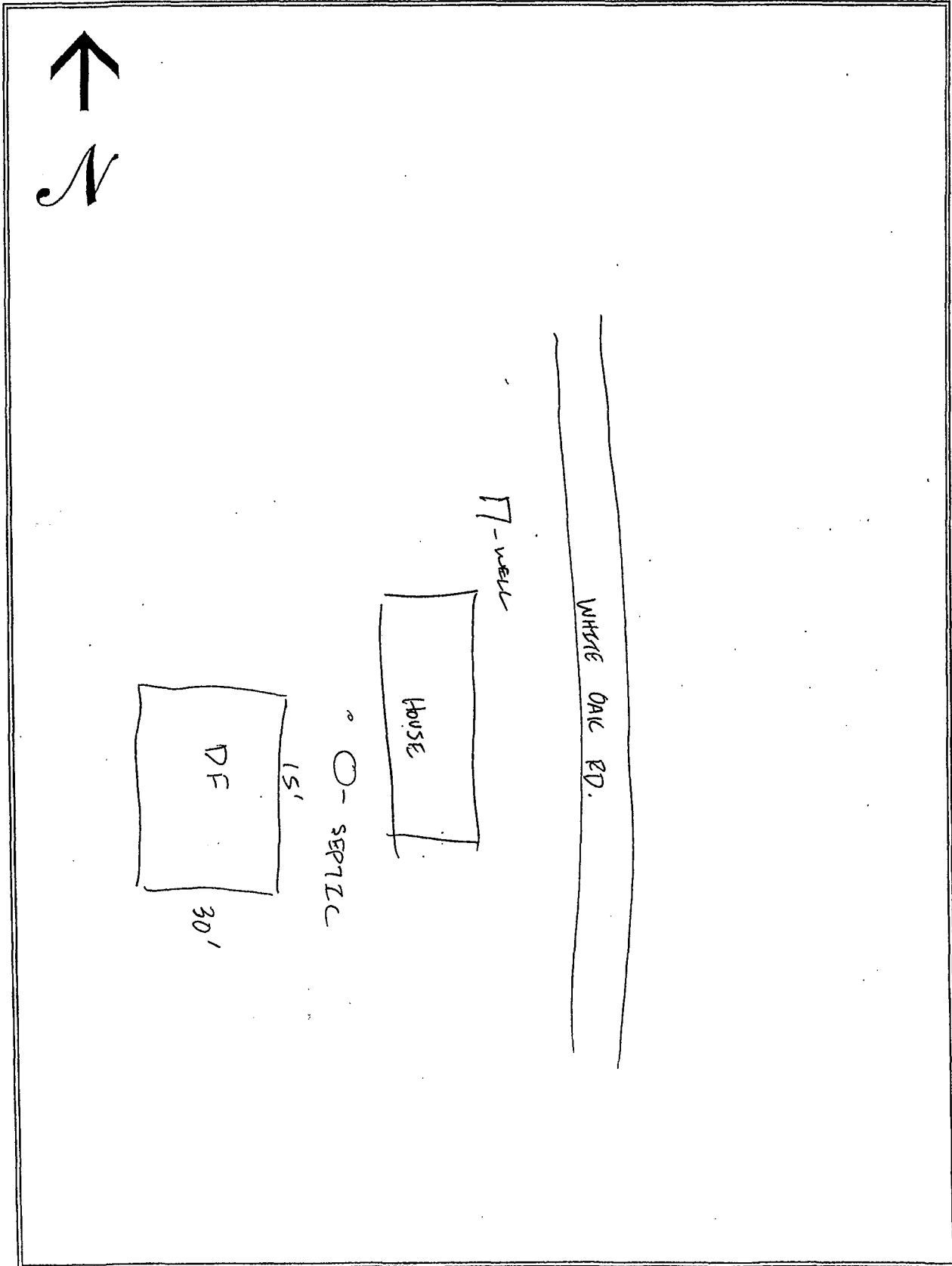
<u>(SEPTIC TANK)</u>	<u>(INGROUND BED)</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER <u>                        </u>	
- Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>(SEPTIC TANK)</u>	<u>(INGROUND BED)</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER <u>                        </u>	
- How old is your system? ~15 yrs. Was it permitted? (Y) / N When? ~15 yrs.
- Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS	<u>NONE</u>
ODORS	WATER PONDING OR SURFACING	
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME	
SYSTEM OVERFLOW	OTHER <u>                        </u>	
- Was your system every pumped out? YES or NO How often? 3 yrs. Last time? ~6 yrs.  
If it was pumped, was it inspected for cracks or broken baffles? YES
- Was your system ever repaired? YES or (NO) When?                          By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
- Are there any other sewage problems you are aware of? NO
- COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



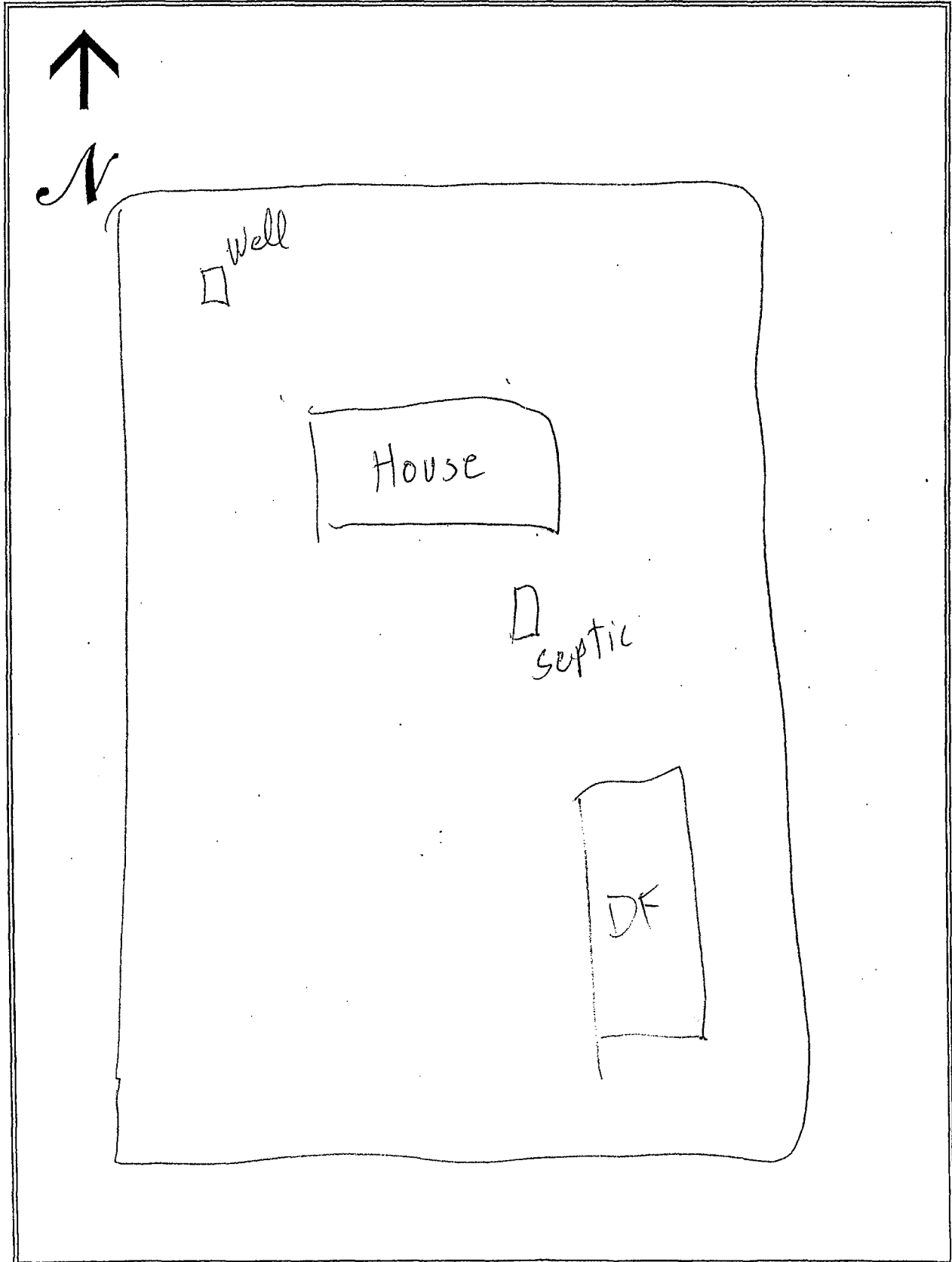
SAMPLE/ MAP #

106.

14. COMMENTS:

LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

6/22/02

SAMPLE / MAP #

107

PENN (Boro. Twp) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: CARSON PHONE: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_

ADDRESS: 1019 WHITE OAK RD

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? 0.68
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

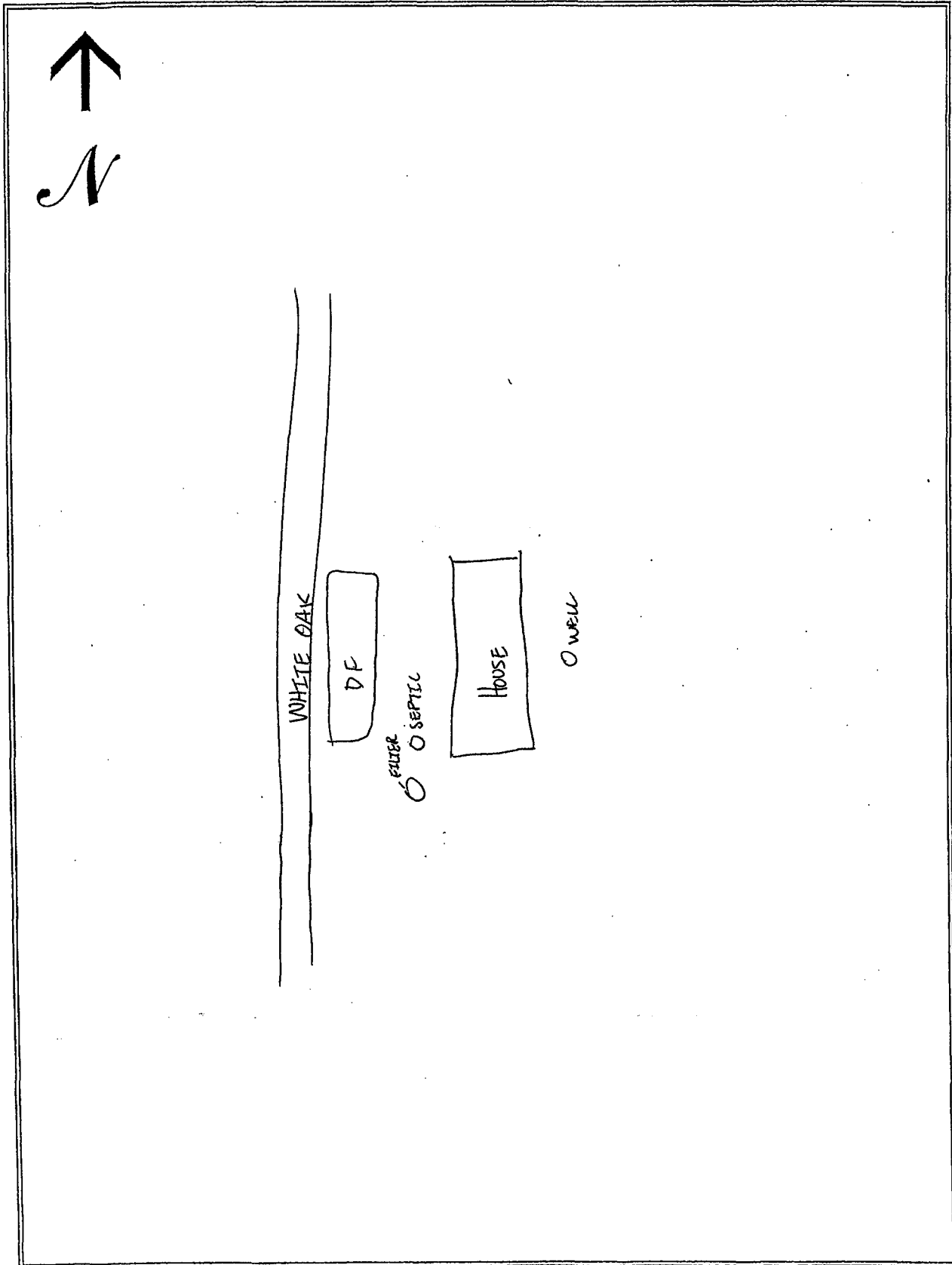
SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include:* tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

5/22/02

SAMPLE / MAP #

108

PENN (Boro. Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by     /     /     to the municipal office at:

If you have any questions please contact                      at (     )     -     .

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: COVAL PHONE: (     )     -    

ADDRESS: 1173 WHITE OAK RD.

1. How many people live in your house? 4 SEASONAL / ALL YEAR?
2. How large is your lot? 0-10
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain:
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER?                       
Do you treat your water? YES OR NO If yes, how? UV FILTER  
If you have a well: Is it DUG or DRILLED? How Deep?                      ft. Cased? YES or NO
5. How far is the well or spring from the drain field                      ft. Is well UP/DOWN SLOPE                       
Have you every had your water tested? YES or NO When? ~ 1yr ago  
What were the results? N/A
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

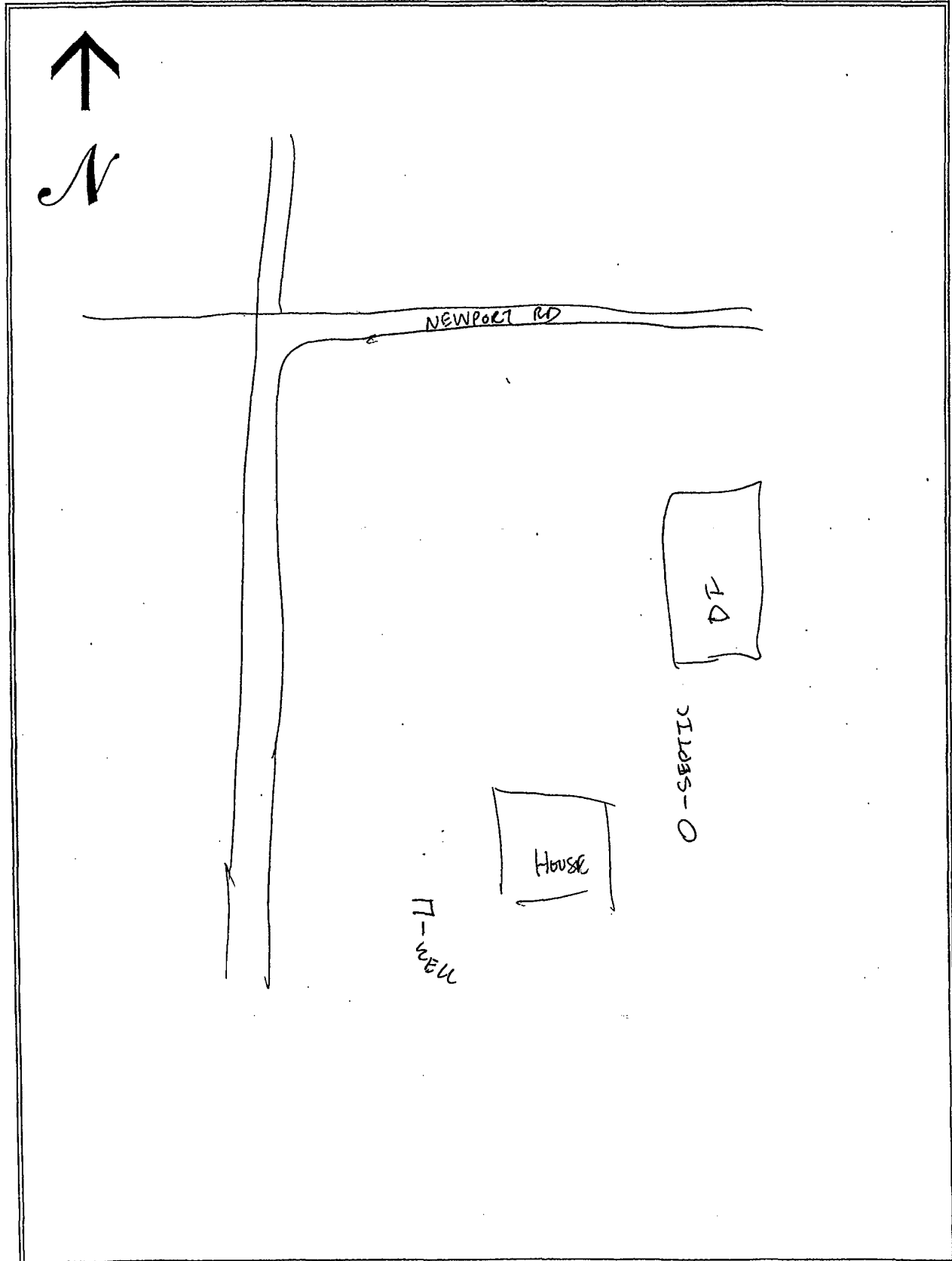
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER <u>                    </u>	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER <u>                    </u>	
9. How old is your system? N/A Was it permitted? Y / N When?
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS	<u>NONE</u>
ODORS	WATER PONDING OR SURFACING	
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME	
SYSTEM OVERFLOW	OTHER <u>                    </u>	
11. Was your system every pumped out? YES or NO How often? EVER YEAR Last time? LAST YEAR 2001  
If it was pumped, was it inspected for cracks or broken baffles? YES
12. Was your system ever repaired? YES or NO When? 2001 By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED  
WELL PUMP REPLACED
13. Are there any other sewage problems you are aware of? NO
14. COMMENTS:



*Items to Include:* tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

5/29/02

SAMPLE/MAP #

109

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Brian Piersol PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 1146 Mountain Rd.

1. How many people live in your house? 4 SEASONAL / ALL YEAR?
2. How large is your lot? 1/2 Acre
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? UV  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO  
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? 5 yrs  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

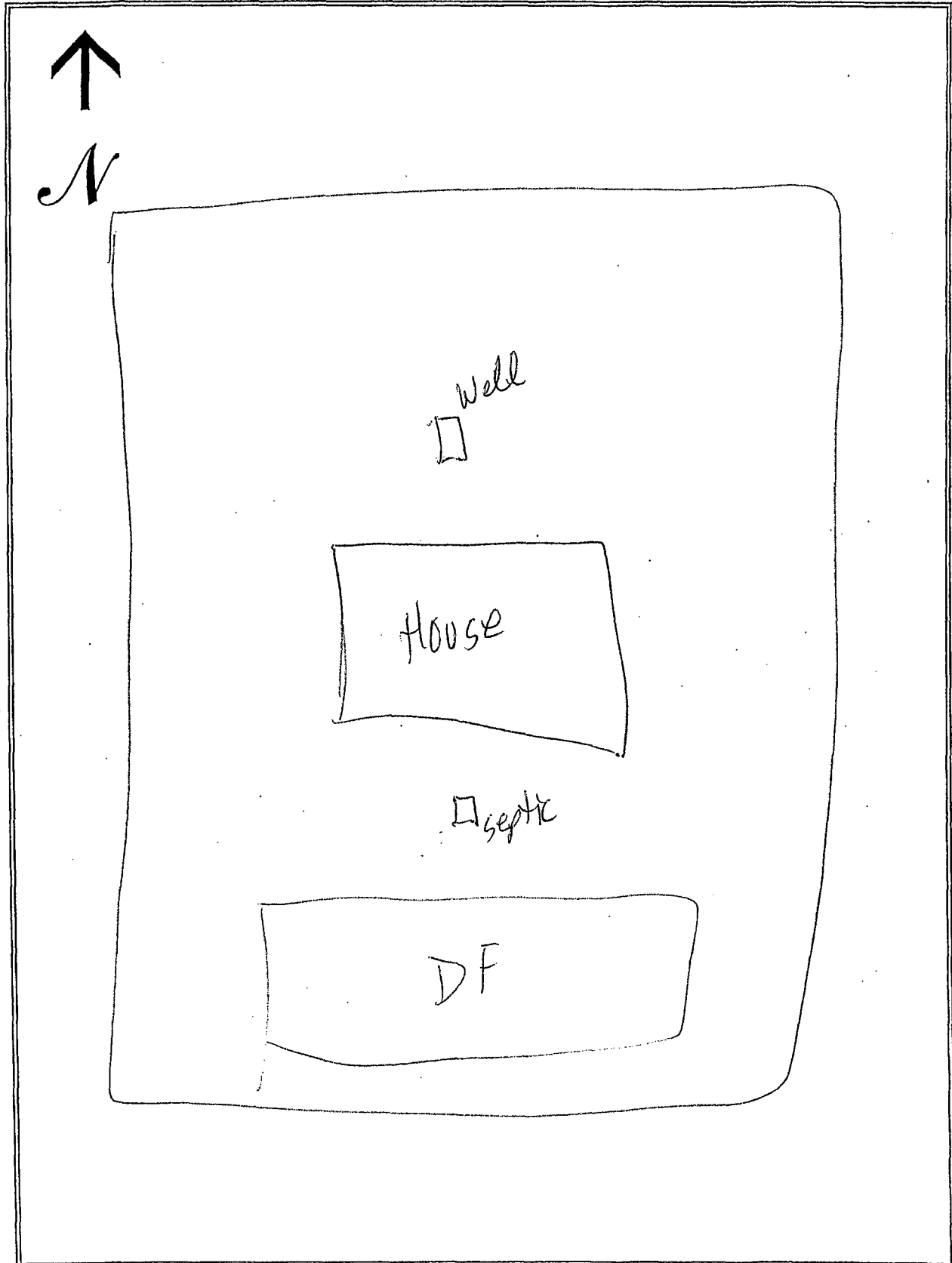
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 20 yrs Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? 2 yrs  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

# LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



SAMPLE / MAP #

110

(Boro. ~~Twp.~~)

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

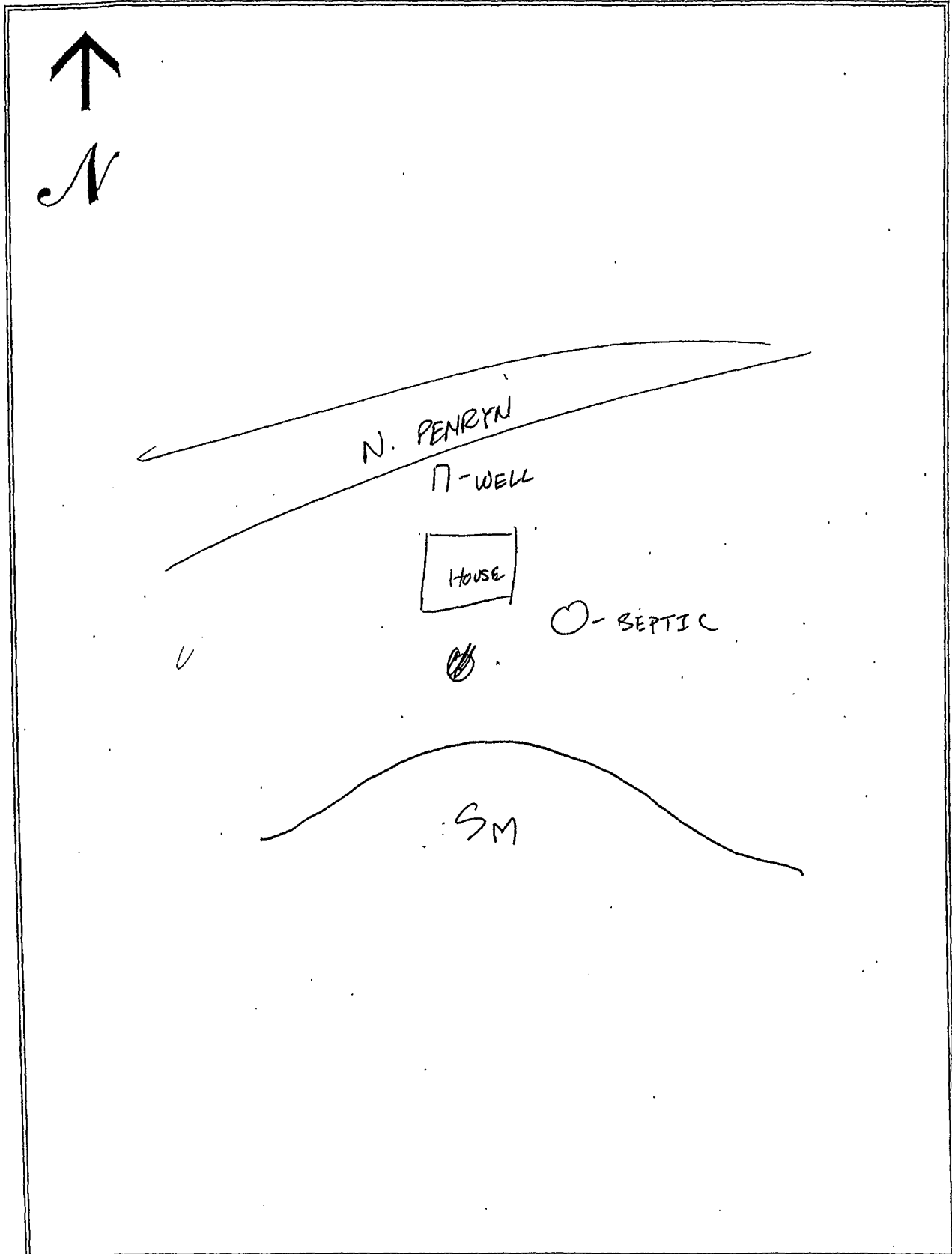
NAME: MARTIN PHONE: ( ) -

ADDRESS: 2273 N. PENRYN RD.

1. How many people live in your house? 4 SEASONAL / ALL YEAR?
2. How large is your lot? 2 ACRES
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? 250 ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWNSLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? N/A  
What were the results? N/A
7. What kind of sewage system do you have? (CIRCLE ALL THAT APPLY)
- |                    |                            |                 |
|--------------------|----------------------------|-----------------|
| <u>SEPTIC TANK</u> | INGROUND BED               | COMMUNITY SEWER |
| <u>CESSPOOL</u>    | INGROUND TRENCH            | STORM SEWER     |
| OLD WELL           | <u>ELEVATED SAND MOUND</u> | PIPE TO DITCH   |
| HOLDING TANK       | <u>SEEPAGE PIT</u>         | PIPE TO STREAM  |
| PRIVY              | BORE HOLE                  | PIPE TO SURFACE |
| PUBLIC SEWER       | OTHER _____                |                 |
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
- |                    |                            |                 |
|--------------------|----------------------------|-----------------|
| <u>SEPTIC TANK</u> | INGROUND BED               | COMMUNITY SEWER |
| <u>CESSPOOL</u>    | INGROUND TRENCH            | STORM SEWER     |
| OLD WELL           | <u>ELEVATED SAND MOUND</u> | PIPE TO DITCH   |
| HOLDING TANK       | <u>SEEPAGE PIT</u>         | PIPE TO STREAM  |
| PRIVY              | BORE HOLE                  | PIPE TO SURFACE |
| PUBLIC SEWER       | OTHER _____                |                 |
9. How old is your system? 4 yrs. Was it permitted? Y N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
- |                         |                                  |             |
|-------------------------|----------------------------------|-------------|
| <u>GREEN LUSH GRASS</u> | WETNESS OR SPONGY AREAS          | <u>NONE</u> |
| <u>ODORS</u>            | WATER PONDING OR SURFACING       |             |
| <u>SLUGGISH DRAINS</u>  | WASTEWATER BACKING INTO THE HOME |             |
| <u>SYSTEM OVERFLOW</u>  | OTHER _____                      |             |
11. Was your system every pumped out? YES or NO How often? 3 yrs. Last time? N/A  
If it was pumped, was it inspected for cracks or broken baffles? NO
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of? NO
14. COMMENTS:

LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



5/22/02

176

PENN

(Boro. ~~Twp.~~)

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

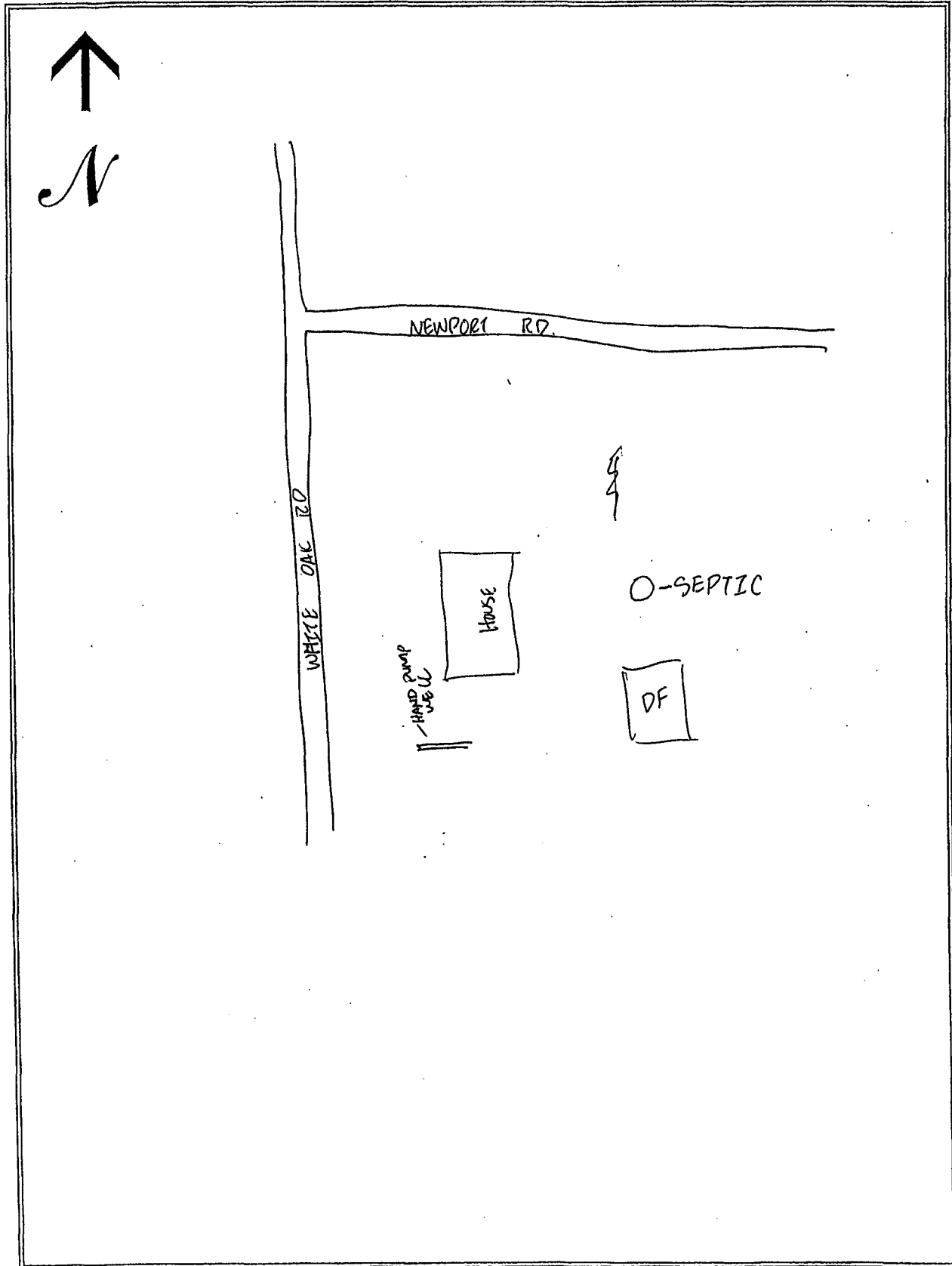
NAME: NISSLEY FAMILY PHONE: ( ) -

ADDRESS: 1215 WHITE OAK ROAD

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? 25.60
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
- |              |                     |                 |
|--------------|---------------------|-----------------|
| SEPTIC TANK  | INGROUND BED        | COMMUNITY SEWER |
| CESSPOOL     | INGROUND TRENCH     | STORM SEWER     |
| OLD WELL     | ELEVATED SAND MOUND | PIPE TO DITCH   |
| HOLDING TANK | SEEPAGE PIT         | PIPE TO STEAM   |
| PRIVY        | BORE HOLE           | PIPE TO SURFACE |
| PUBLIC SEWER | OTHER _____         |                 |
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
- |              |                     |                 |
|--------------|---------------------|-----------------|
| SEPTIC TANK  | INGROUND BED        | COMMUNITY SEWER |
| CESSPOOL     | INGROUND TRENCH     | STORM SEWER     |
| OLD WELL     | ELEVATED SAND MOUND | PIPE TO DITCH   |
| HOLDING TANK | SEEPAGE PIT         | PIPE TO STEAM   |
| PRIVY        | BORE HOLE           | PIPE TO SURFACE |
| PUBLIC SEWER | OTHER _____         |                 |
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
- |                  |                                  |
|------------------|----------------------------------|
| GREEN LUSH GRASS | WETNESS OR SPONGY AREAS          |
| ODORS            | WATER PONDING OR SURFACING       |
| SLUGGISH DRAINS  | WASTEWATER BACKING INTO THE HOME |
| SYSTEM OVERFLOW  | OTHER _____                      |
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



5/23/02

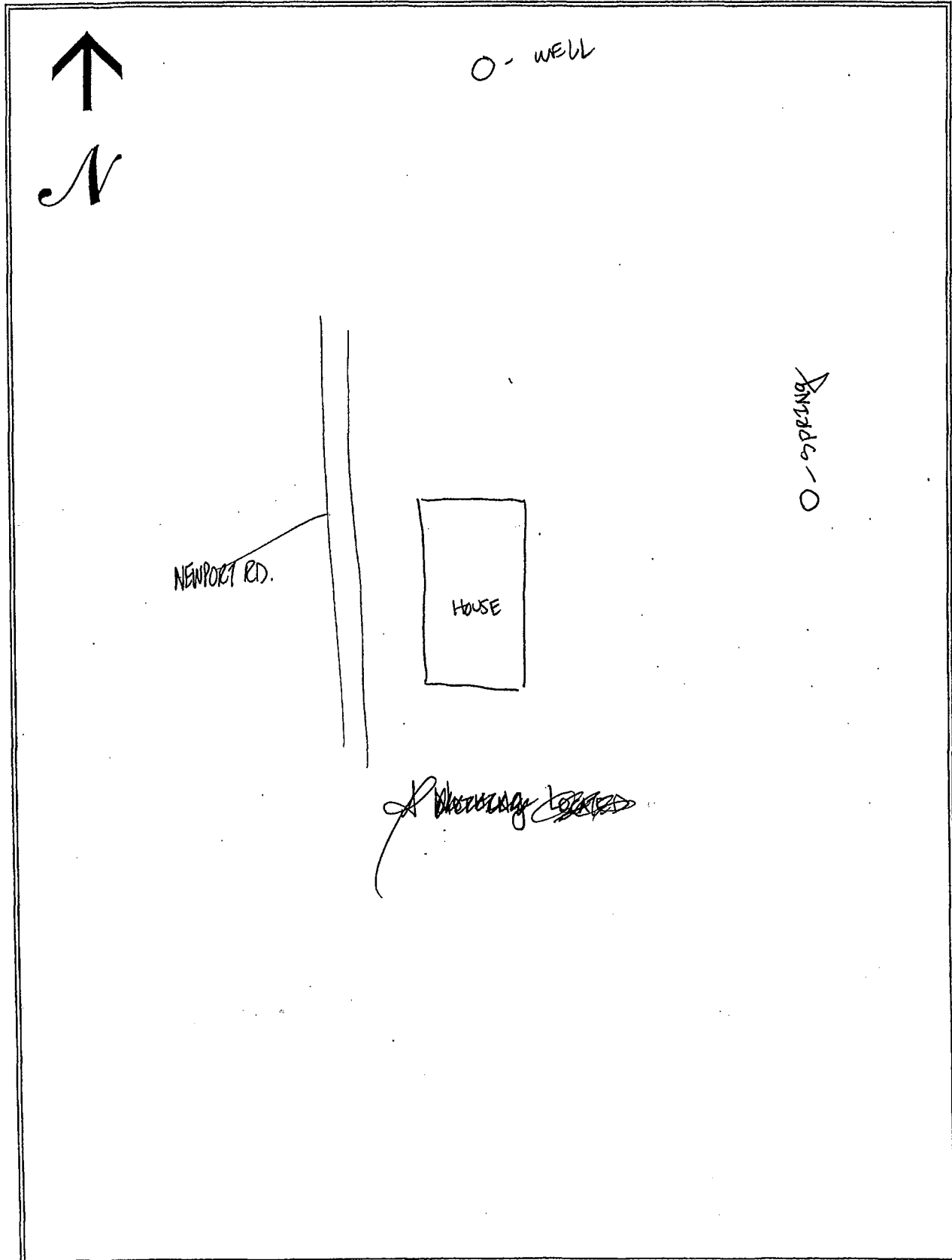
112/113

14. COMMENTS:



LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

5/28/02

SAMPLE / MAP #

113

PENN (Boro./Twp) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: HILL PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 2307 SCENIC DR.

1. How many people live in your house? 3 SEASONAL / ALL YEAR
2. How large is your lot? 0.5 ACRES
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? UV, WATER SENSER  
If you have a well: Is it DUG or DRILLED? How Deep? N/A ft. Cased? YES or NO  
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWNSLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

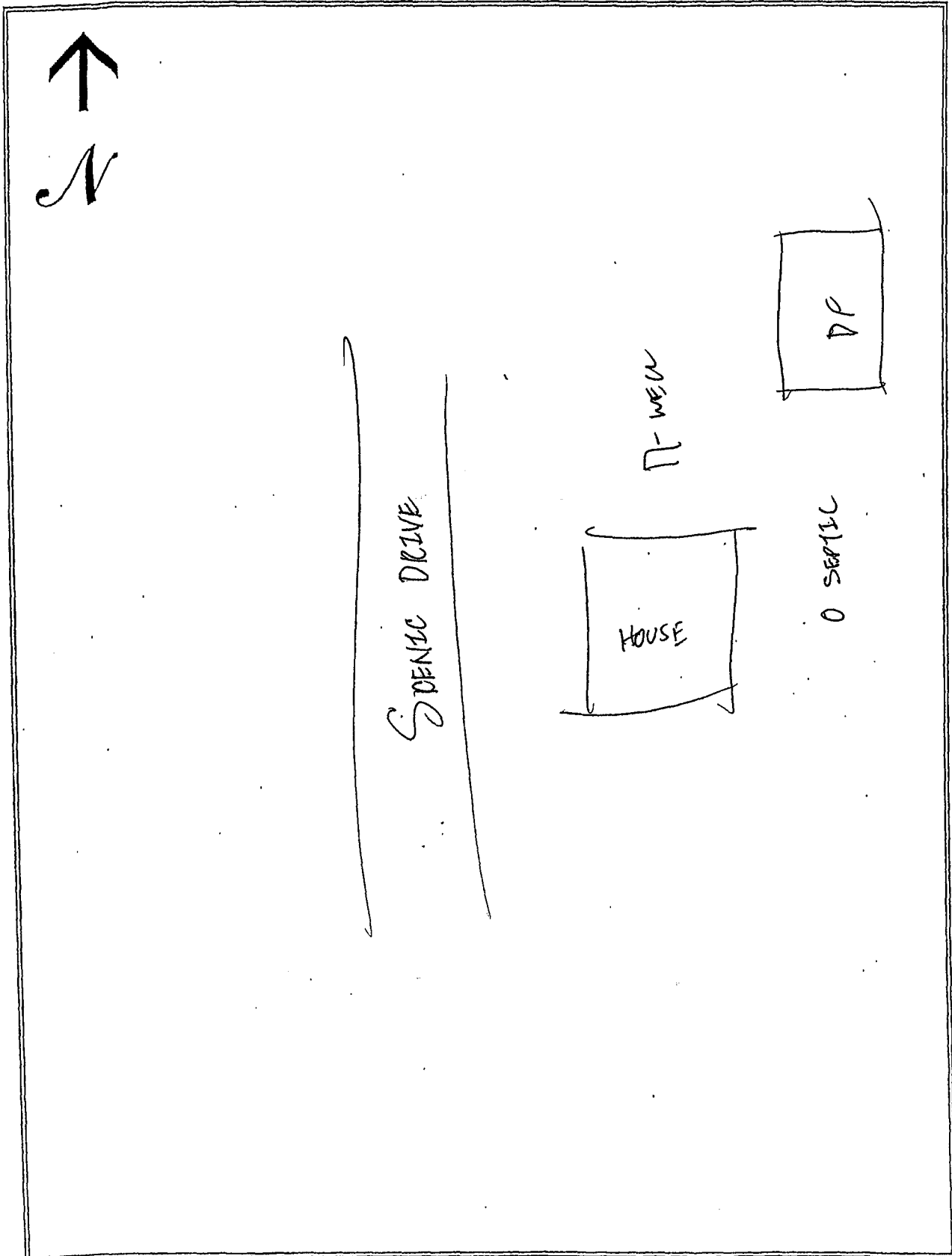
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STREAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STREAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 27 yrs. Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS	<u>NONE</u>
ODORS	WATER PONDING OR SURFACING	
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME	
SYSTEM OVERFLOW	OTHER _____	
11. Was your system every pumped out? YES or NO How often? 3 yrs. Last time? 2001  
If it was pumped, was it inspected for cracks or broken baffles? YES
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

5/23/02

114

PENN (Boro/Twp) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: DIETER PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 2891 NEWPORT RD

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? 0.69
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

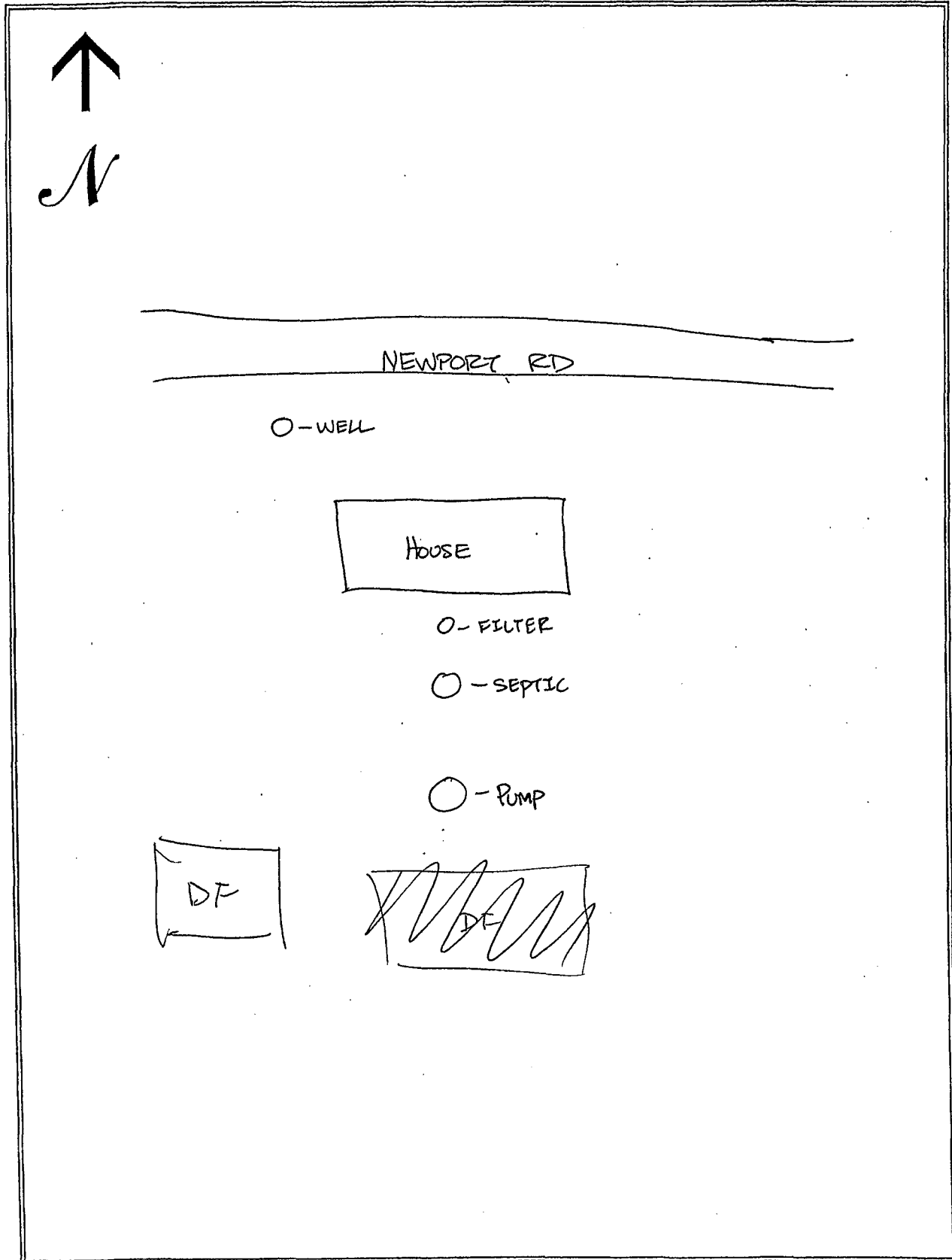
SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

# LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

5/23/02

SAMPLE / MAP #

115

PENN (Boro/Twp) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: BEANER PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 2921 NEWPORT RD

1. How many people live in your house? 3 SEASONAL / ALL YEAR
2. How large is your lot? 0.61
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? 14 ft. Cased? YES or NO
5. How far is the well or spring from the drain field 120 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

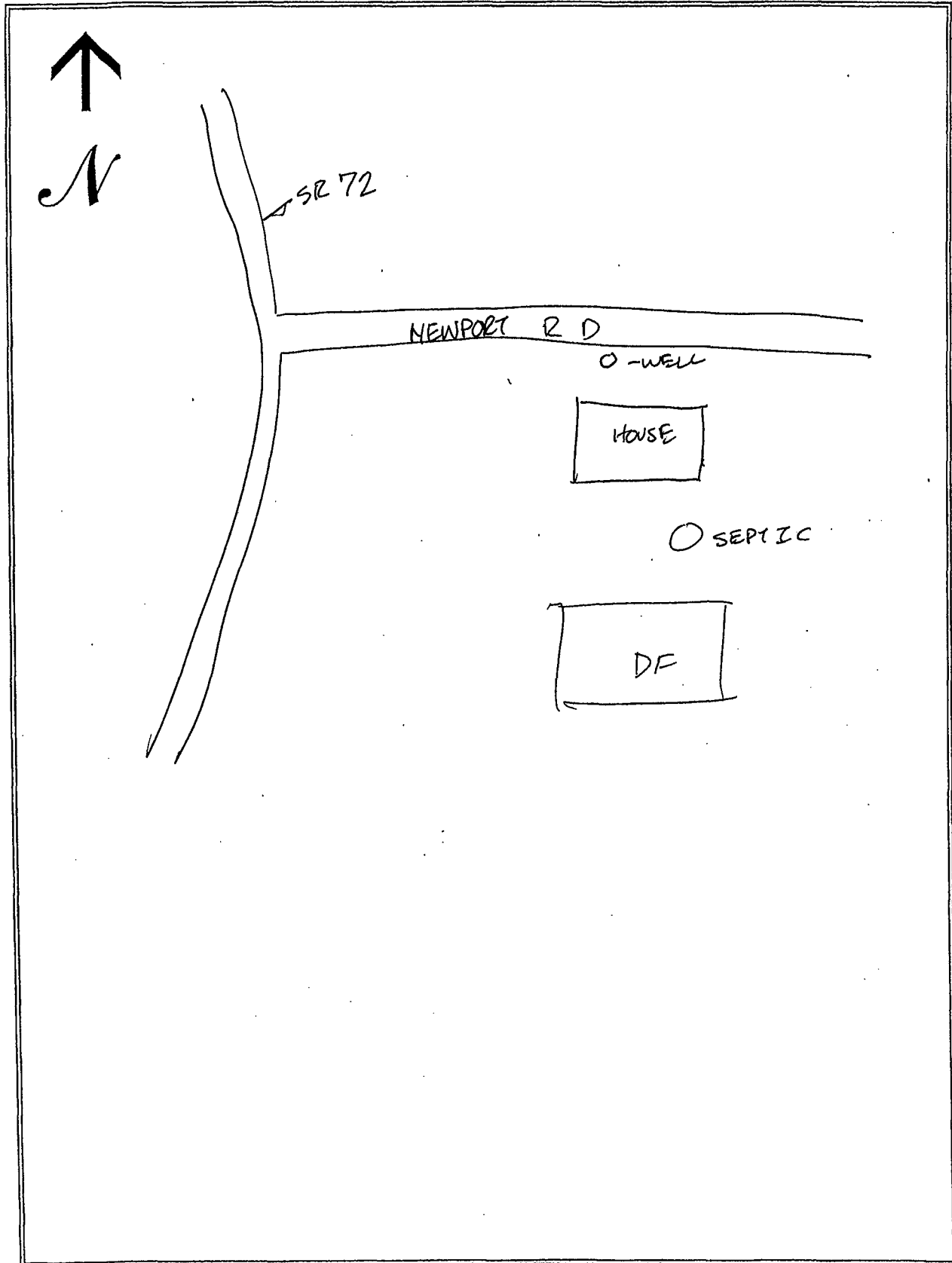
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
<u>CESSPOOL</u>	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
<u>CESSPOOL</u>	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 15-16 yrs. Was it permitted? (Y) N When? 15-16 yrs.
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS	<u>NONE</u>
ODORS	WATER PONDING OR SURFACING	
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME	
SYSTEM OVERFLOW	OTHER _____	
11. Was your system every pumped out? YES or NO How often? 2-3 yrs. Last time? 2000  
If it was pumped, was it inspected for cracks or broken baffles? NOT SURR
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of? NO
14. COMMENTS:

# LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



SAMPLE/MAP #

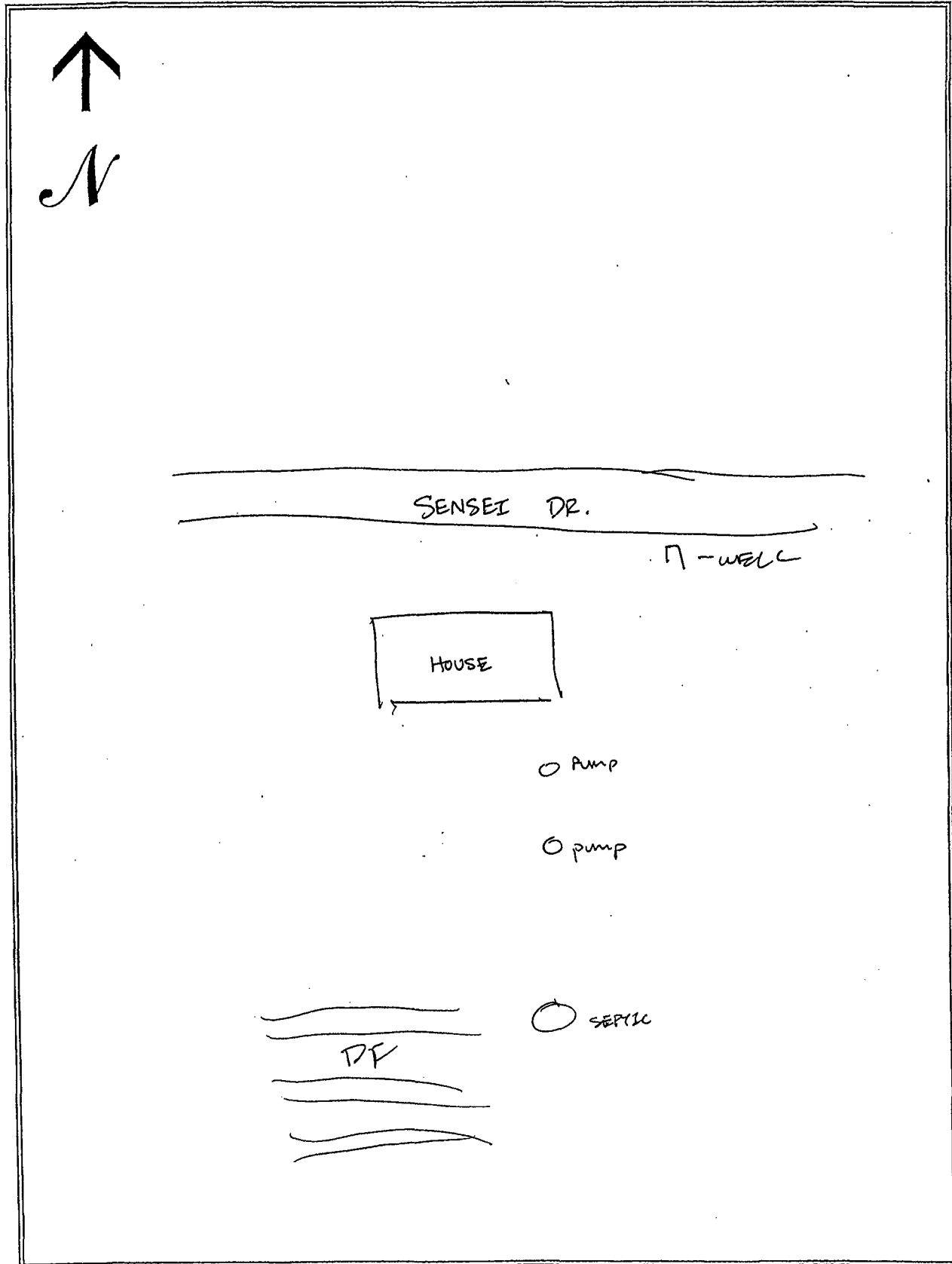
116

14. COMMENTS:



## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

5/23/02

117

PENNA (Boro/Twp) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: BUCHER PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 3070 SENSEY DR.

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? 0.72
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field 120 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

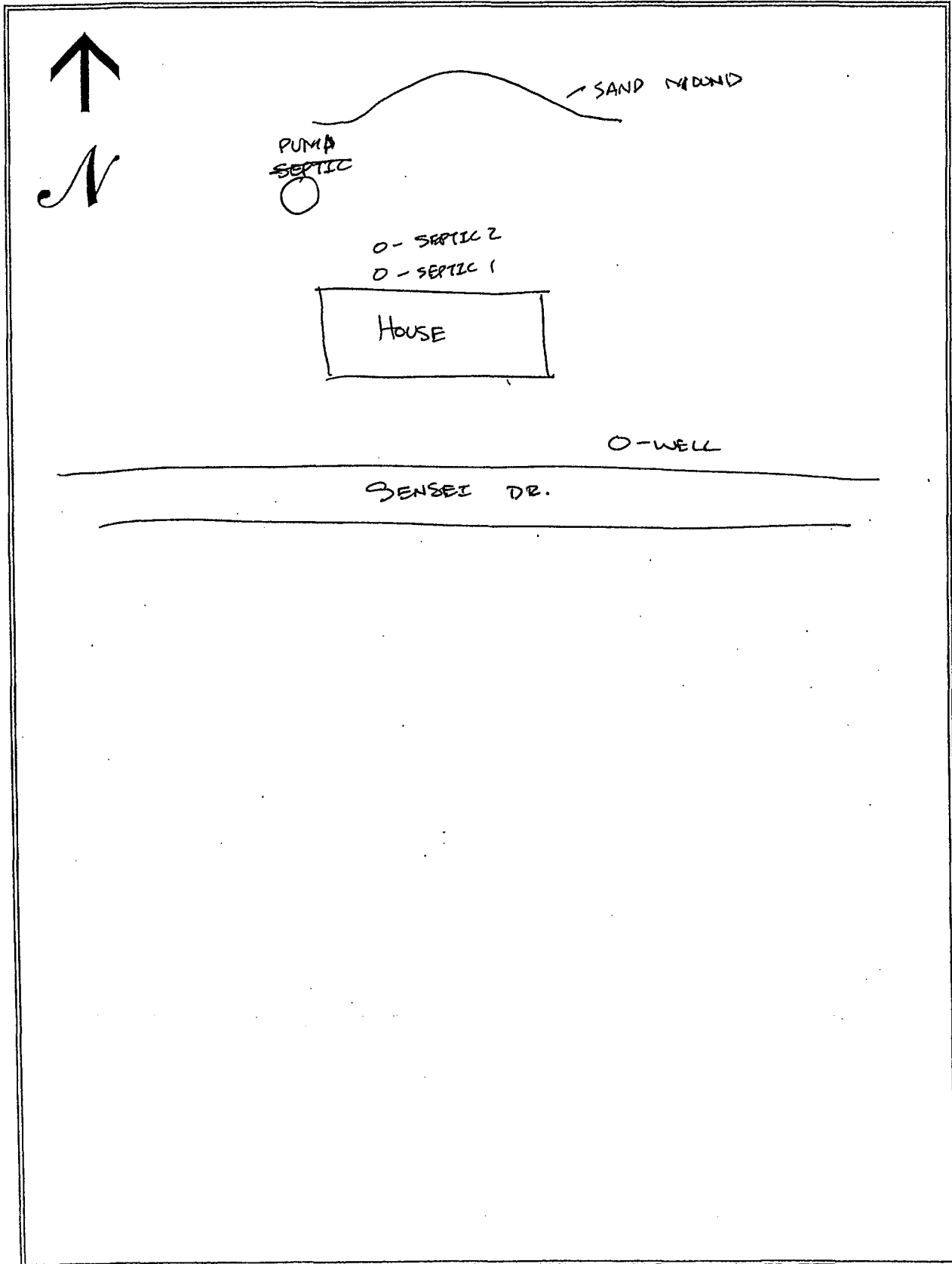
SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

5/23/02

SAMPLE/MAP #

118

PENN (Boro./~~Twp.~~) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by      /      /      to the municipal office at:

If you have any questions please contact                      at (      )      -      .

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: BRETT PHONE: (      )      -     

ADDRESS: 3099 SENSEI DR

- How many people live in your house? 4 SEASONAL / ALL YEAR?
- How large is your lot? 0.76
- Do you have more than one sewage system on your lot? YES or NO  
If yes, explain:
- What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER?                       
Do you treat your water? YES OR NO If yes, how? WATER SENSER  
If you have a well: Is it DUG or DRILLED? How Deep? N/A ft. Cased? YES or NO  
5. How far is the well or spring from the drain field              ft. Is well UP/DOWN SLOPE               
Have you every had your water tested? YES or NO When? 2000  
What were the results? ↑ IN NITRATES
- What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

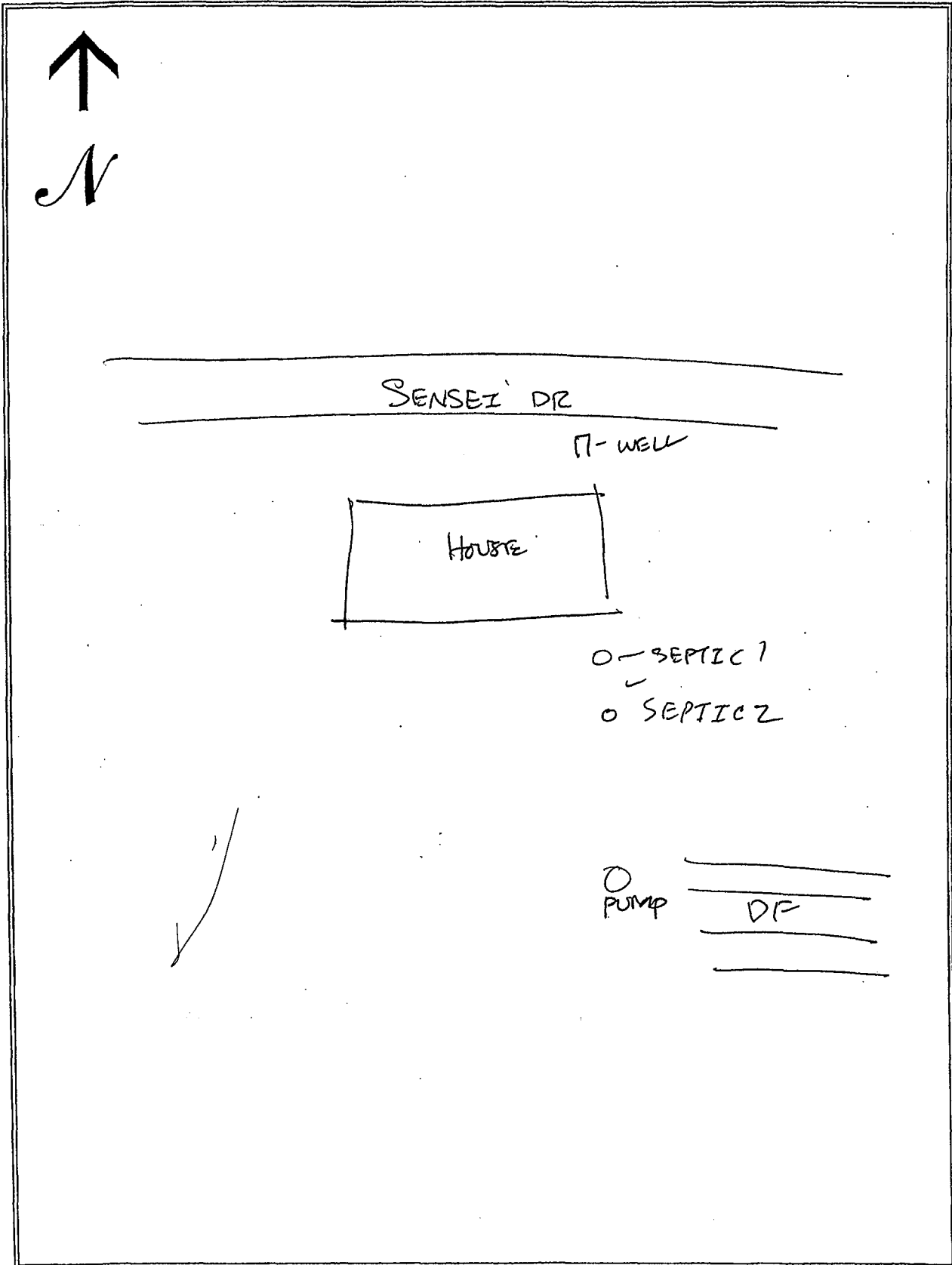
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
<u>CESSPOOL</u>	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
<u>HOLDING TANK</u>	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER <u>                    </u>	
- Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
<u>CESSPOOL</u>	<u>INGROUND TRENCH</u>	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
<u>HOLDING TANK</u>	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER <u>                    </u>	
- How old is your system? 12 Was it permitted? Y / N When?
- Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS	<u>NONE</u>
ODORS	WATER PONDING OR SURFACING	
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME	
SYSTEM OVERFLOW	OTHER <u>                    </u>	
- Was your system every pumped out? YES or NO How often? 6 yrs. Last time? 2000  
If it was pumped, was it inspected for cracks or broken baffles? yes
- Was your system ever repaired? YES or NO When?                      By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
- Are there any other sewage problems you are aware of? NO
- COMMENTS:

# LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



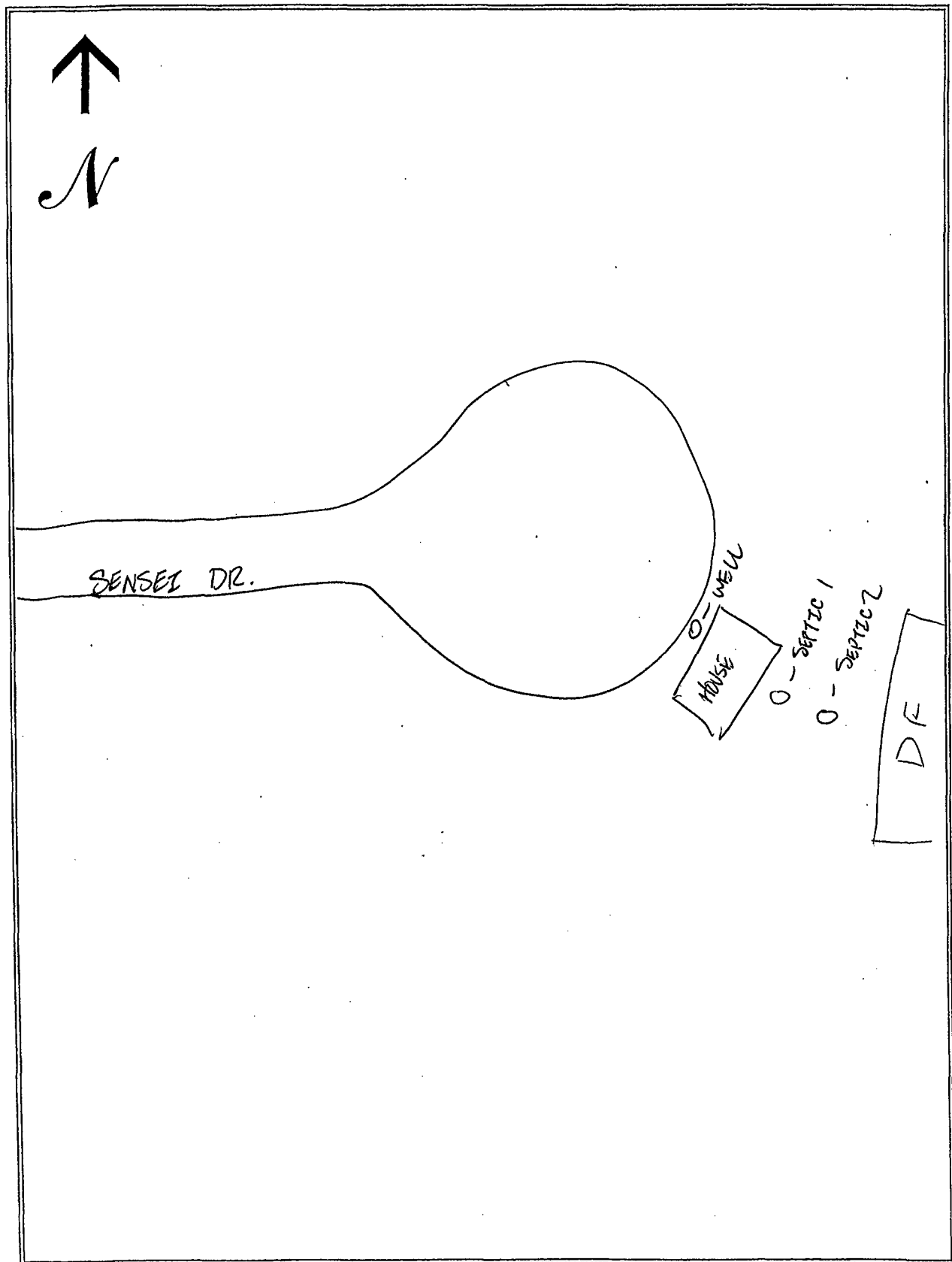
SAMPLE / MAP #

119

14. COMMENTS:

# LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

5/23/02

120

PENN (Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: KNEPP PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 1772 GUSH RD.

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? 0.61
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

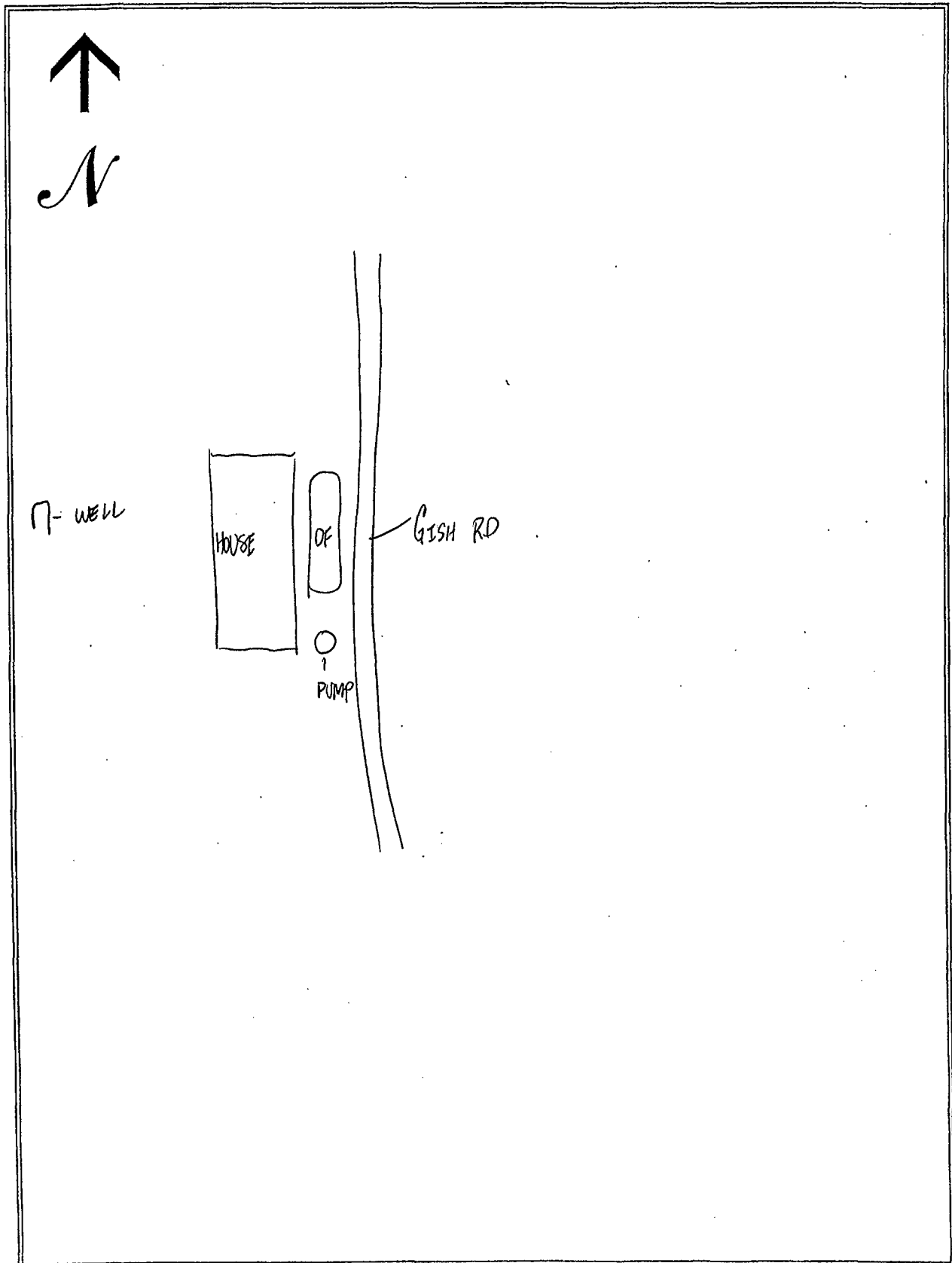
SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:



## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

12448

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Dennis Dull PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 1696 Bish Rd

1. How many people live in your house? 2 SEASONAL / ALL YEAR?
2. How large is your lot? 3 acres
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: one on two lots
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? 106 ft. Cased? YES or NO
5. How far is the well or spring from the drain field 220 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

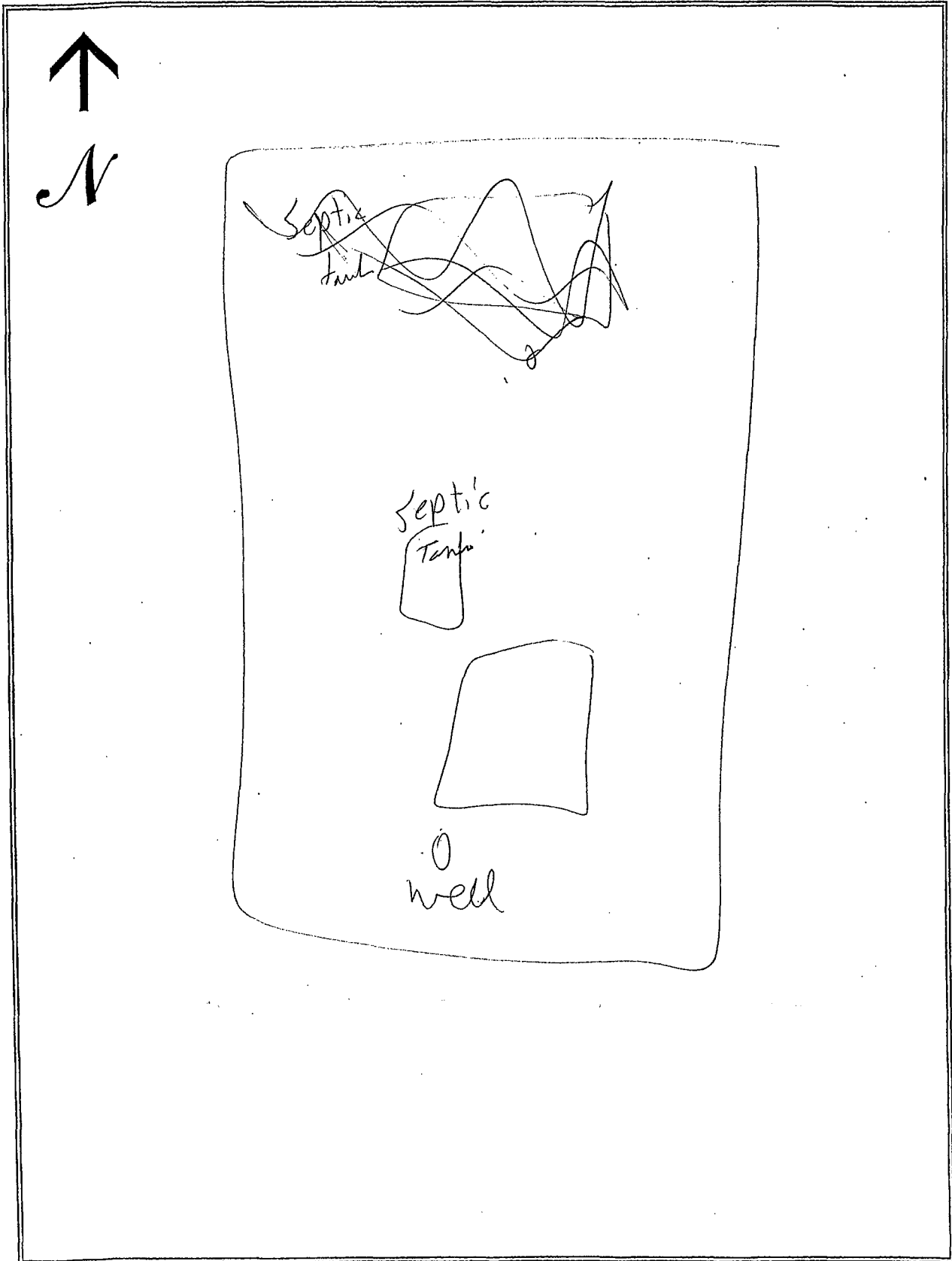
SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? 3 yrs Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

\_\_\_\_/\_\_\_\_/\_\_\_\_

123

\_\_\_\_ (Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_\_/\_\_\_\_/\_\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Dennis Dull PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 1696 Birch Rd.

1. How many people live in your house? 2 SEASONAL / ALL YEAR

2. How large is your lot? \_\_\_\_\_

3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_

4. What kind of water system do you have? WELL SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? 175 ft. Cased? YES or NO

5. How far is the well or spring from the drain field 125 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_

7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	

8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	

9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_

10. Have you every noticed any of the following near your septic system?

<u>GREEN LUSH GRASS</u>	<u>WETNESS OR SPONGY AREAS</u>
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____

11. Was your system every pumped out? YES or NO How often? 3 yrs Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_

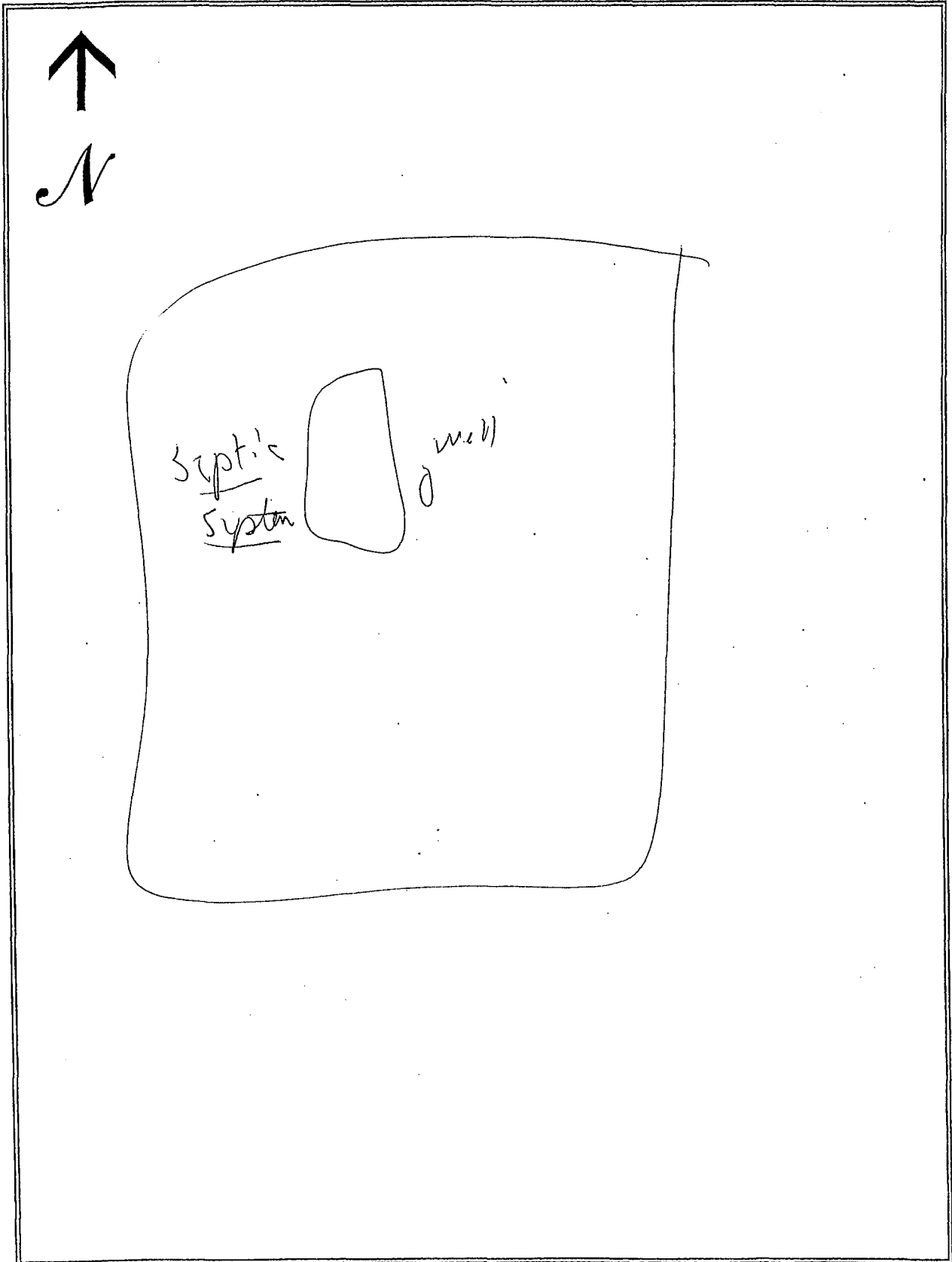
12. Was your system ever repaired? YES or NO When? 2003 By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED

13. Are there any other sewage problems you are aware of?

14. COMMENTS:

LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE/MAP #

123

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Blake Bomberger PHONE: (\_\_\_\_) \_\_\_\_\_  
ADDRESS: 1604 BISH ROAD

1. How many people live in your house? 7 SEASONAL ☒ ALL YEAR?
2. How large is your lot? 4 acres
3. Do you have more than one sewage system on your lot? YES or ☒ NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? ☒ WELL? ☐ SPRING? ☐ PUBLIC? ☐ OTHER? \_\_\_\_\_  
Do you treat your water? YES OR ☒ NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or ☒ DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field 150 ft. Is well UP/DOWNSLOPE \_\_\_\_\_  
Have you every had your water tested? ☒ YES or NO When? \_\_\_\_\_  
What were the results? NO GARD
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

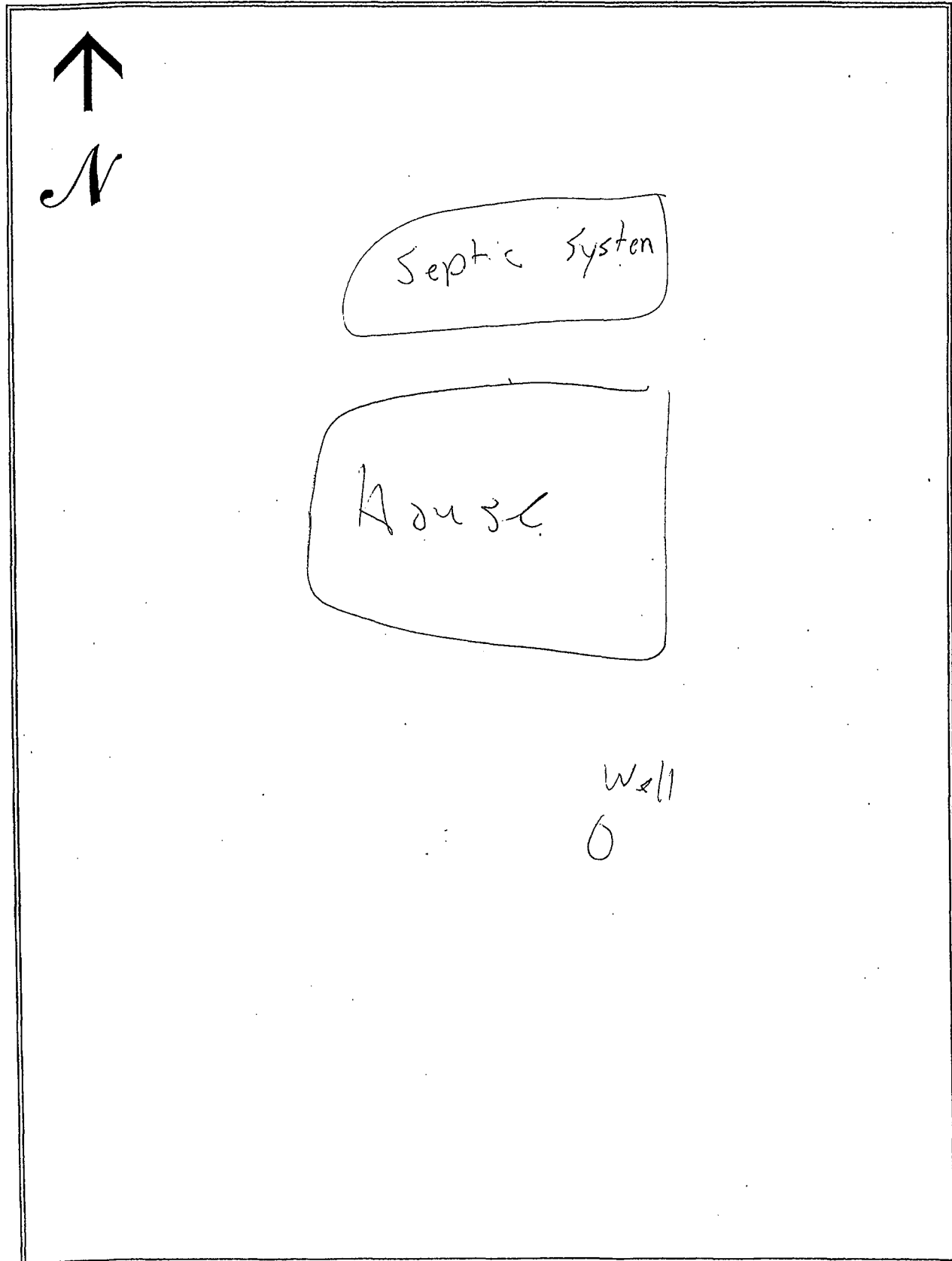
<input checked="" type="radio"/> SEPTIC TANK	<input checked="" type="radio"/> INGROUND BED	<input type="radio"/> COMMUNITY SEWER
<input type="radio"/> CESSPOOL	<input type="radio"/> INGROUND TRENCH	<input type="radio"/> STORM SEWER
<input type="radio"/> OLD WELL	<input type="radio"/> ELEVATED SAND MOUND	<input type="radio"/> PIPE TO DITCH
<input type="radio"/> HOLDING TANK	<input type="radio"/> SEEPAGE PIT	<input type="radio"/> PIPE TO STEAM
<input type="radio"/> PRIVY	<input type="radio"/> BORE HOLE	<input type="radio"/> PIPE TO SURFACE
<input type="radio"/> PUBLIC SEWER	<input type="radio"/> OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

<input checked="" type="radio"/> SEPTIC TANK	<input checked="" type="radio"/> INGROUND BED	<input type="radio"/> COMMUNITY SEWER
<input type="radio"/> CESSPOOL	<input type="radio"/> INGROUND TRENCH	<input type="radio"/> STORM SEWER
<input type="radio"/> OLD WELL	<input type="radio"/> ELEVATED SAND MOUND	<input type="radio"/> PIPE TO DITCH
<input type="radio"/> HOLDING TANK	<input type="radio"/> SEEPAGE PIT	<input type="radio"/> PIPE TO STEAM
<input type="radio"/> PRIVY	<input type="radio"/> BORE HOLE	<input type="radio"/> PIPE TO SURFACE
<input type="radio"/> PUBLIC SEWER	<input type="radio"/> OTHER _____	
9. How old is your system? 10 yrs Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

<input type="radio"/> GREEN LUSH GRASS	<input type="radio"/> WETNESS OR SPONGY AREAS
<input type="radio"/> ODORS	<input type="radio"/> WATER PONDING OR SURFACING
<input type="radio"/> SLUGGISH DRAINS	<input type="radio"/> WASTEWATER BACKING INTO THE HOME
<input type="radio"/> SYSTEM OVERFLOW	<input type="radio"/> OTHER _____
11. Was your system every pumped out? ☒ YES or NO How often? 5 years Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or ☒ NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

5/28/02

124

PENN (Boro./Twp) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: JERUSALEM CHURCH PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 1520 NEWPORT RD.

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? 5.40
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

<input checked="" type="checkbox"/> SEPTIC TANK	<input checked="" type="checkbox"/> INGROUND BED	<input type="checkbox"/> COMMUNITY SEWER
<input type="checkbox"/> CESSPOOL	<input type="checkbox"/> INGROUND TRENCH	<input type="checkbox"/> STORM SEWER
<input type="checkbox"/> OLD WELL	<input type="checkbox"/> ELEVATED SAND MOUND	<input type="checkbox"/> PIPE TO DITCH
<input type="checkbox"/> HOLDING TANK	<input type="checkbox"/> SEEPAGE PIT	<input type="checkbox"/> PIPE TO STEAM
<input type="checkbox"/> PRIVY	<input type="checkbox"/> BORE HOLE	<input type="checkbox"/> PIPE TO SURFACE
<input type="checkbox"/> PUBLIC SEWER	<input type="checkbox"/> OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

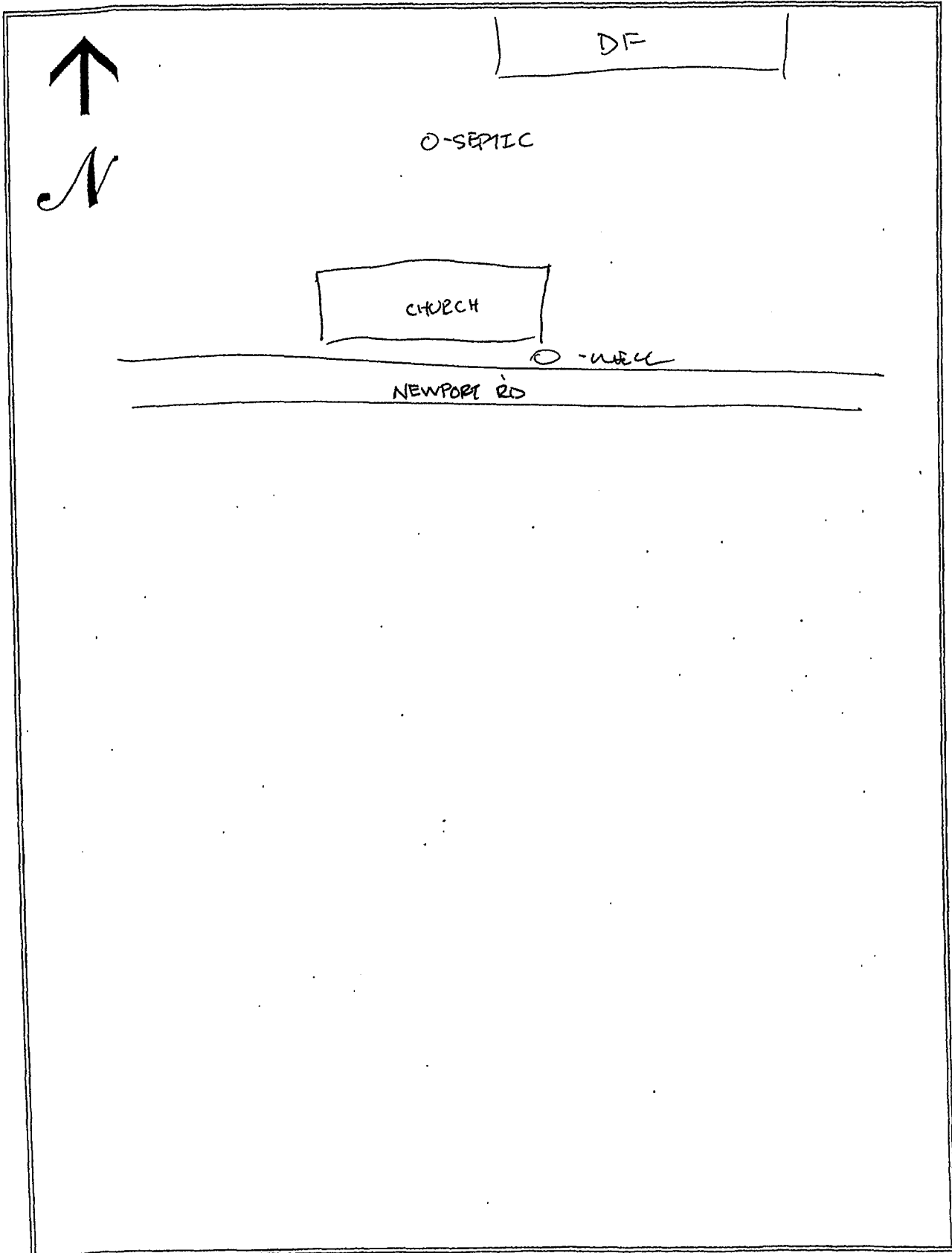
<input type="checkbox"/> SEPTIC TANK	<input type="checkbox"/> INGROUND BED	<input type="checkbox"/> COMMUNITY SEWER
<input type="checkbox"/> CESSPOOL	<input type="checkbox"/> INGROUND TRENCH	<input type="checkbox"/> STORM SEWER
<input type="checkbox"/> OLD WELL	<input type="checkbox"/> ELEVATED SAND MOUND	<input type="checkbox"/> PIPE TO DITCH
<input type="checkbox"/> HOLDING TANK	<input type="checkbox"/> SEEPAGE PIT	<input type="checkbox"/> PIPE TO STEAM
<input type="checkbox"/> PRIVY	<input type="checkbox"/> BORE HOLE	<input type="checkbox"/> PIPE TO SURFACE
<input type="checkbox"/> PUBLIC SEWER	<input type="checkbox"/> OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

<input type="checkbox"/> GREEN LUSH GRASS	<input type="checkbox"/> WETNESS OR SPONGY AREAS
<input type="checkbox"/> ODORS	<input type="checkbox"/> WATER PONDING OR SURFACING
<input type="checkbox"/> SLUGGISH DRAINS	<input type="checkbox"/> WASTEWATER BACKING INTO THE HOME
<input type="checkbox"/> SYSTEM OVERFLOW	<input type="checkbox"/> OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:



LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

125

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Arlene Hess PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 1546 Newport Rd.

1. How many people live in your house? 2 SEASONAL ☒ ALL YEAR?

2. How large is your lot? \_\_\_\_\_

3. Do you have more than one sewage system on your lot? YES or ☒ NO  
If yes, explain: \_\_\_\_\_

4. What kind of water system do you have? ☒ WELL? ☐ SPRING? ☐ PUBLIC? ☐ OTHER? Two wells

Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_

If you have a well: Is it DUG or ☒ DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO

5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_

Have you every had your water tested? ☒ YES or NO When? \_\_\_\_\_

What were the results? \_\_\_\_\_

7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)

☒ SEPTIC TANK

☐ CESSPOOL

☐ OLD WELL

☐ HOLDING TANK

☐ PRIVY

☐ PUBLIC SEWER

☒ INGROUND BED

☐ INGROUND TRENCH

☐ ELEVATED SAND MOUND

☐ SEEPAGE PIT

☐ BORE HOLE

☐ OTHER \_\_\_\_\_

☐ COMMUNITY SEWER

☐ STORM SEWER

☐ PIPE TO DITCH

☐ PIPE TO STEAM

☐ PIPE TO SURFACE

8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)

☐ SEPTIC TANK

☐ CESSPOOL

☐ OLD WELL

☐ HOLDING TANK

☐ PRIVY

☐ PUBLIC SEWER

☐ INGROUND BED

☐ INGROUND TRENCH

☐ ELEVATED SAND MOUND

☐ SEEPAGE PIT

☐ BORE HOLE

☐ OTHER \_\_\_\_\_

☐ COMMUNITY SEWER

☐ STORM SEWER

☐ PIPE TO DITCH

☐ PIPE TO STEAM

☐ PIPE TO SURFACE

9. How old is your system? 15 yrs Was it permitted? Y / N When? \_\_\_\_\_

10. Have you every noticed any of the following near your septic system?

☐ GREEN LUSH GRASS

☐ ODORS

☐ SLUGGISH DRAINS

☐ SYSTEM OVERFLOW

☐ WETNESS OR SPONGY AREAS

☐ WATER PONDING OR SURFACING

☐ WASTEWATER BACKING INTO THE HOME

☐ OTHER \_\_\_\_\_

11. Was your system every pumped out? ☒ YES or NO How often? 3 yrs Last time? \_\_\_\_\_

If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_

12. Was your system ever repaired? ☒ YES or NO When? New System By permit? ☒ YES / NO

What part was repaired or replaced? 15 years ago

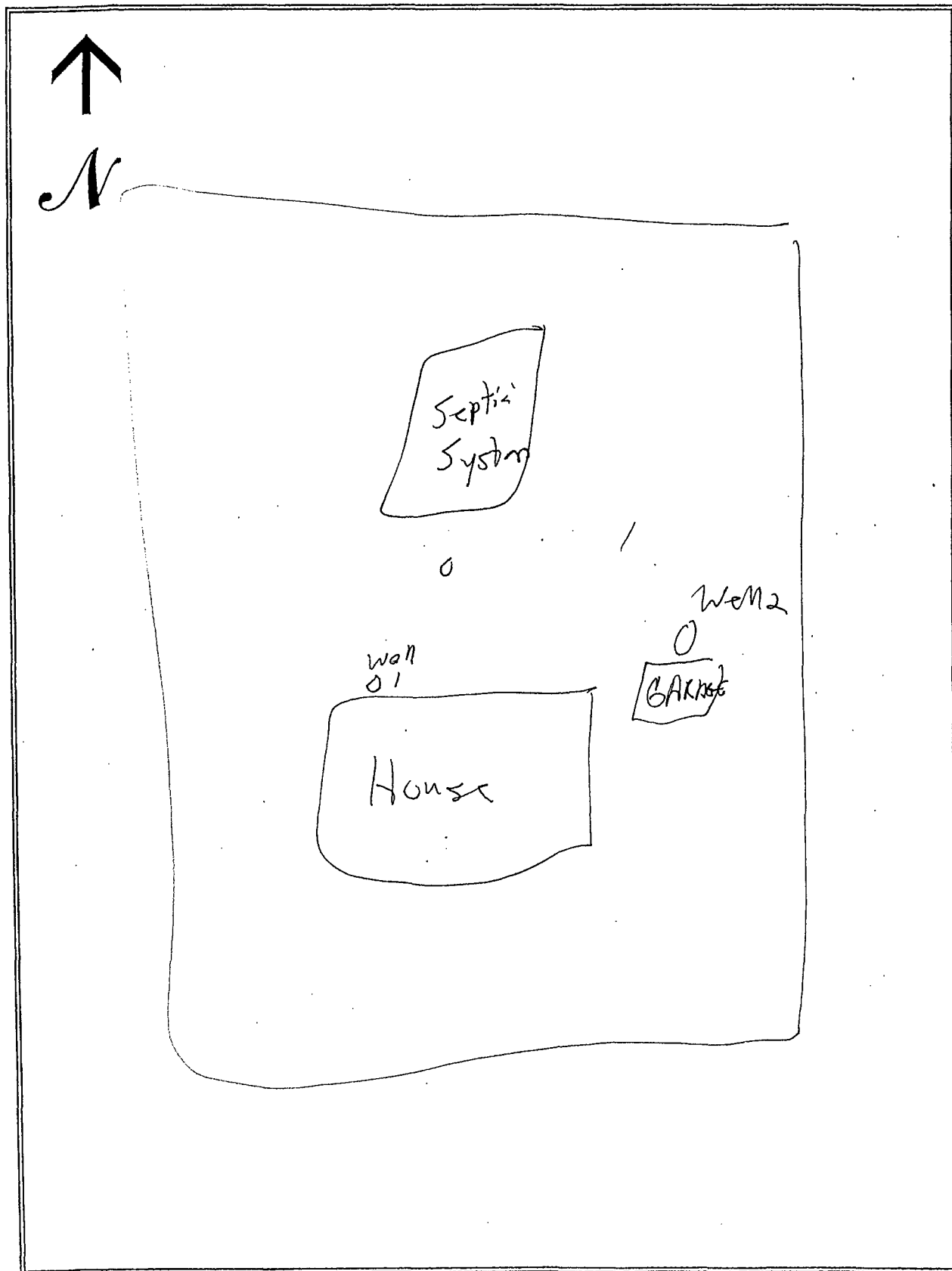
TANK REPAIRED/REPLACED \_\_\_\_\_ LINE: REPAIRED/REPLACED \_\_\_\_\_ DRAIN FIELD: REPAIRED/REPLACED \_\_\_\_\_

13. Are there any other sewage problems you are aware of?

14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

5/21/02

SAMPLE / MAP #

126

PENN (Boro/Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: KULIKOWSKI PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 1555 NEWPORT RD

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? 0.38
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

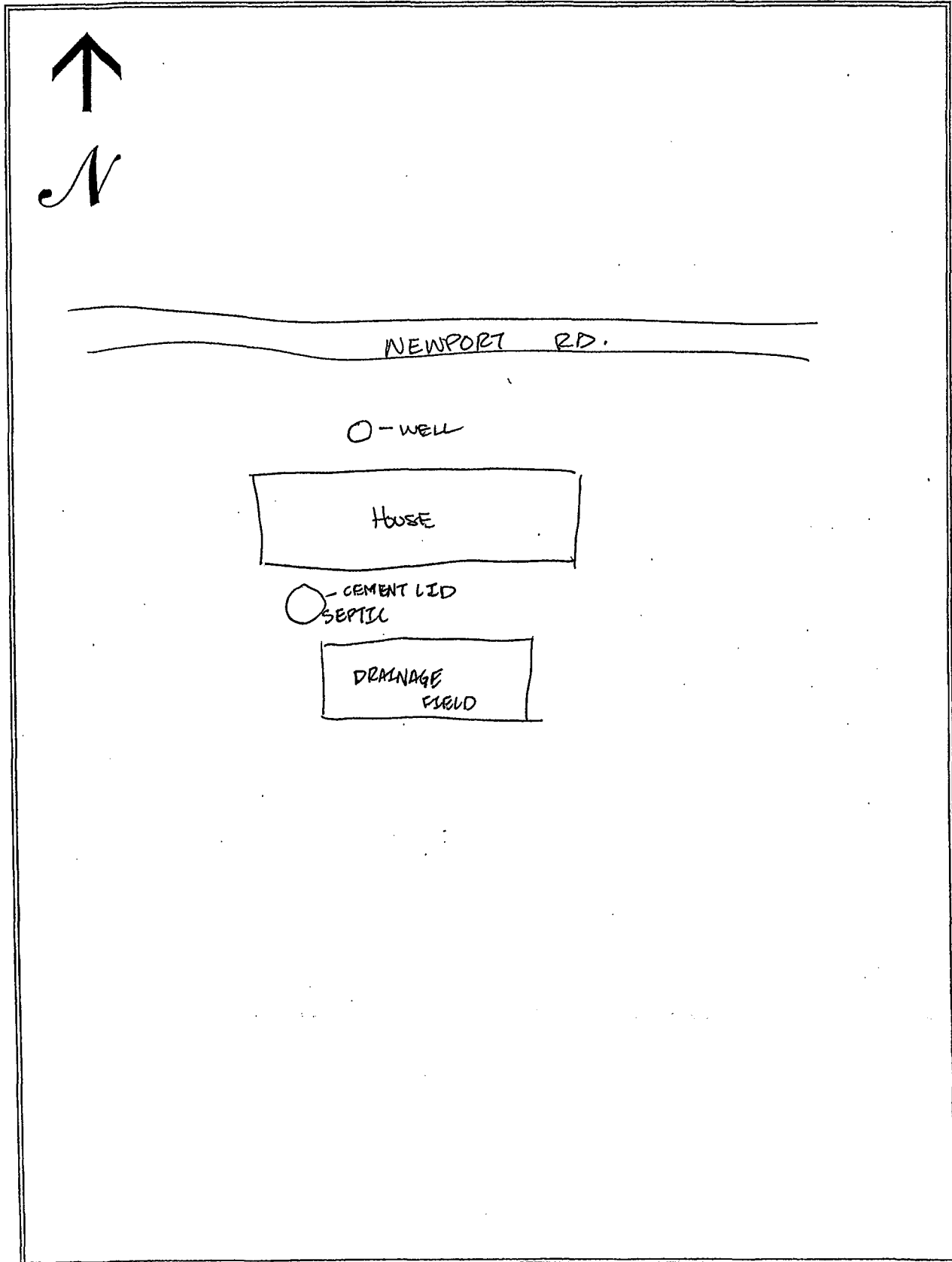
SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include:* tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

127

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Trmgard Weeff PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 901 Fruitville Pike

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? \_\_\_\_\_
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field 350 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

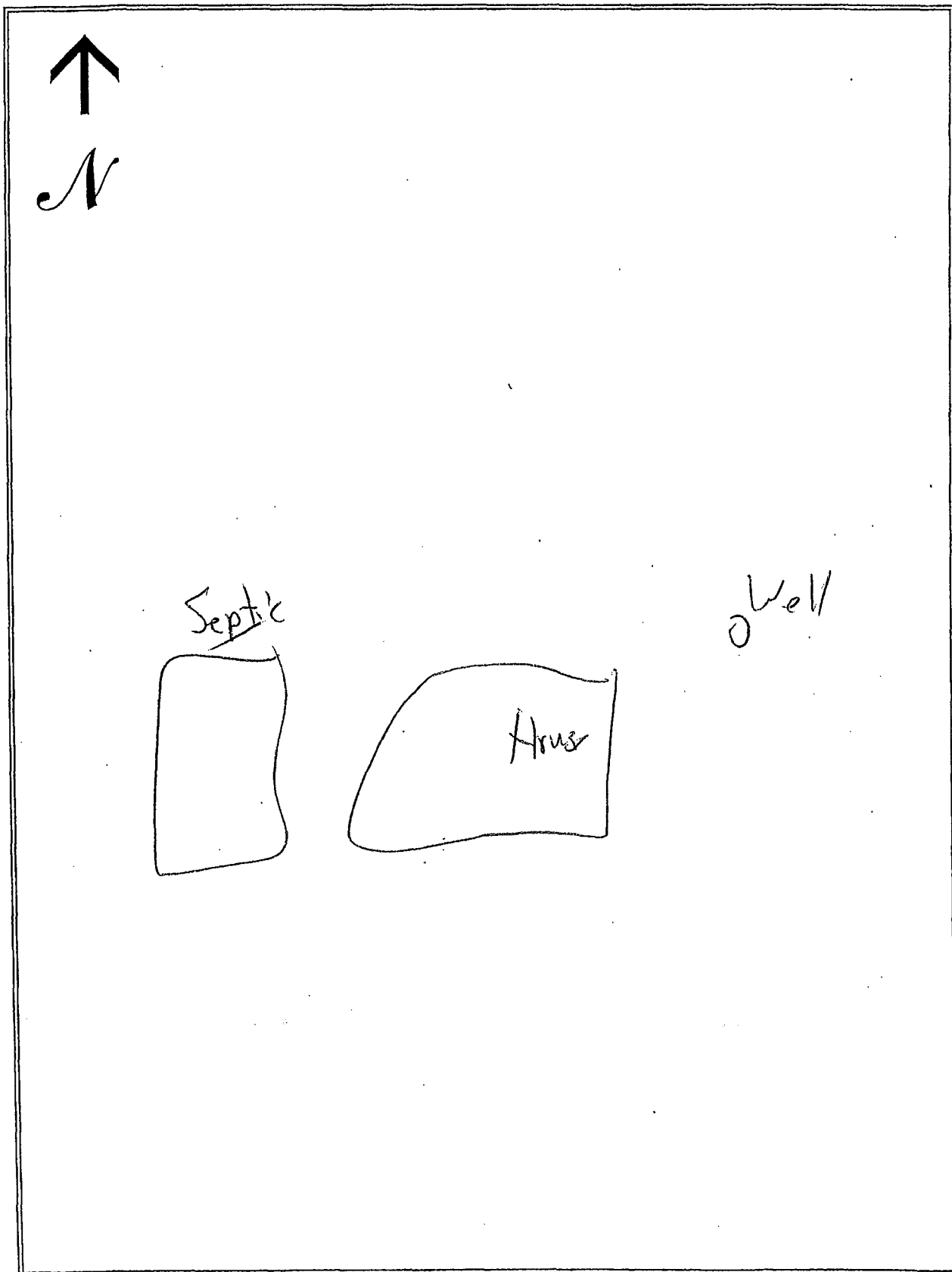
SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS: miss

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



5121102

128

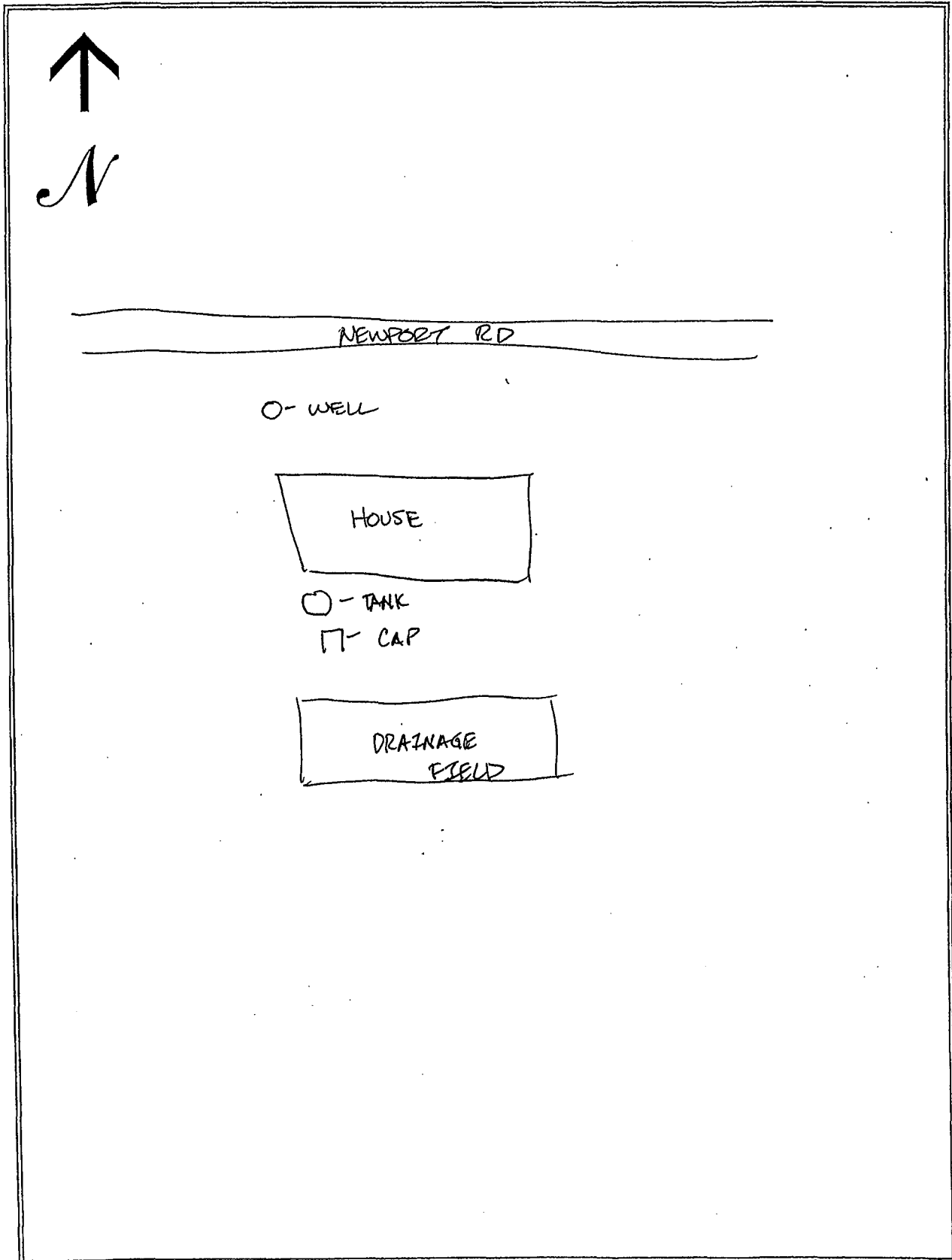
PENN

14. COMMENTS:



## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



205 120 - DENIED (162, NO H<sub>2</sub>O SAMPLE) SEWAGE NEEDS MAIL SURVEY 10 SAMPLE / MAP #  
 (223-225) 127 159-167 5/21/02 129  
 129 PENN 229 (Boro./Twp) is conducting a survey to determine what sewage problems may exist

in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_-\_\_\_\_.  
 Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: OWENS PHONE: (\_\_\_\_) \_\_\_\_-\_\_\_\_  
 ADDRESS: 1633 NEWPORT RD.

1. How many people live in your house? 1 SEASONAL / ALL YEAR
2. How large is your lot? 0.49
3. Do you have more than one sewage system on your lot? YES or NO  
 If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
 Do you treat your water? YES OR NO If yes, how? WATER SOFTENER  
 If you have a well: Is it DUG or DRILLED? How Deep? 250 ft. Cased? YES or NO N/A
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
 Have you every had your water tested? YES or NO When? NOT SURE  
 What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

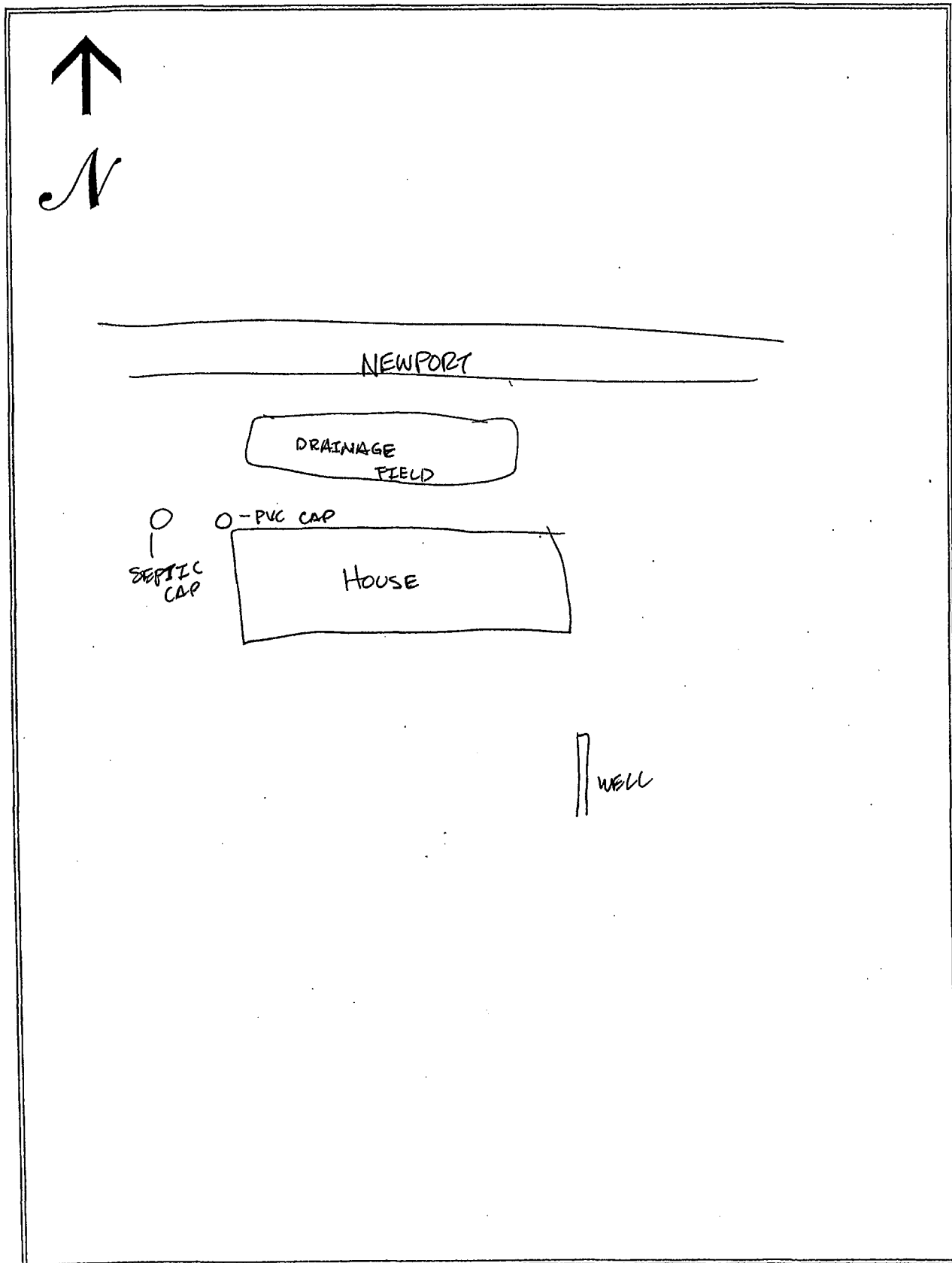
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 17 yrs. Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS	NONE
ODORS	WATER PONDING OR SURFACING	
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME	
SYSTEM OVERFLOW	OTHER _____	
11. Was your system every pumped out? YES or NO How often? 3 yrs. Last time? 1999  
 If it was pumped, was it inspected for cracks or broken baffles? N/A
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
 What part was repaired or replaced?  
 TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of? NO
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



SAMPLE/ MAP #

130

(Boro. ~~Twp.~~)

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?

2. How large is your lot? 0.87

3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_

4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO

5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_

7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	

8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	

9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_

10. Have you every noticed any of the following near your septic system?

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____

11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_

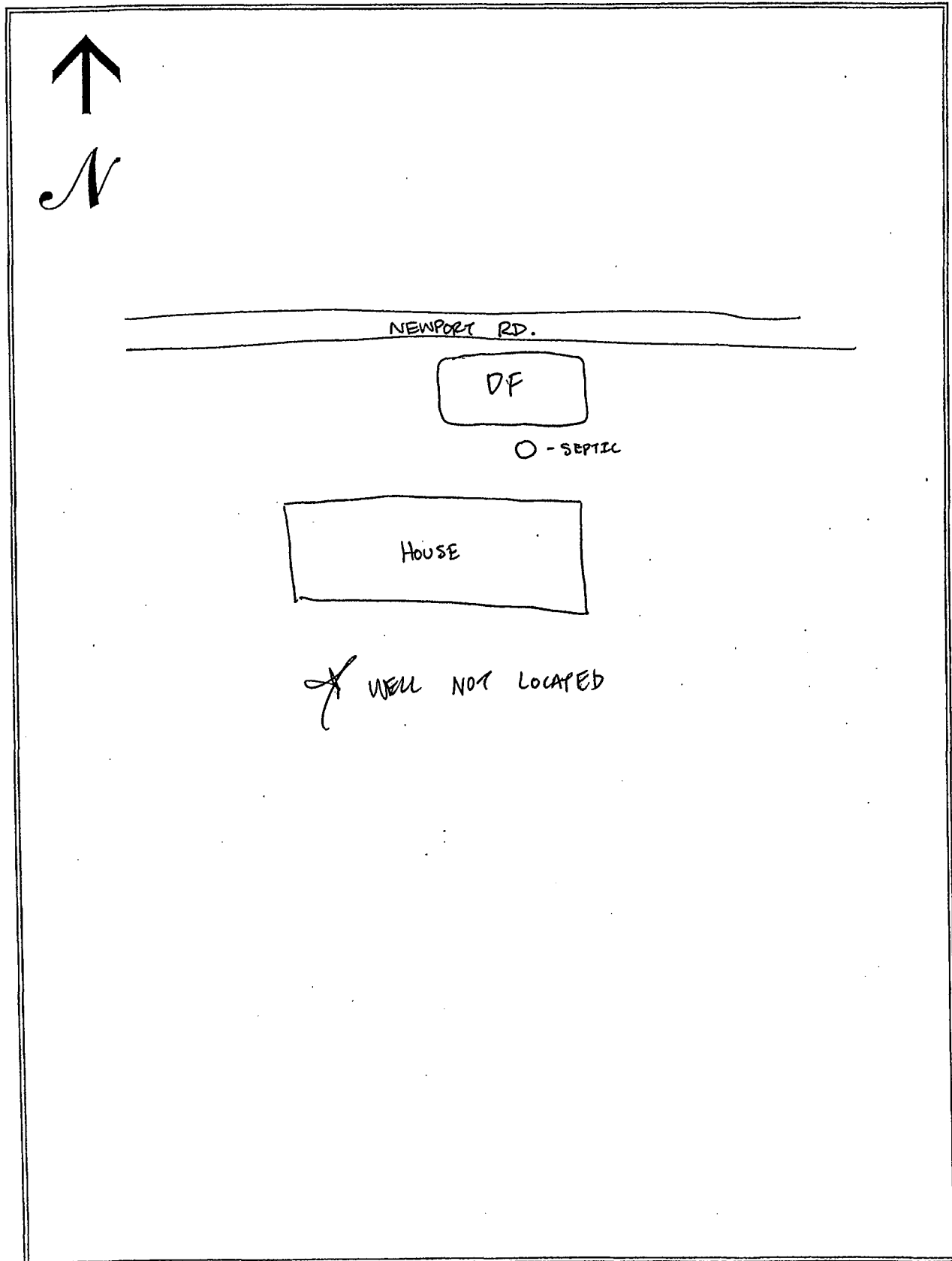
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED

13. Are there any other sewage problems you are aware of?

14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

5/22/02

SAMPLE / MAP #

131

PENN (Boro/Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: KENSINGER PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 1687 NEWPORT RD.

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? 1.33
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

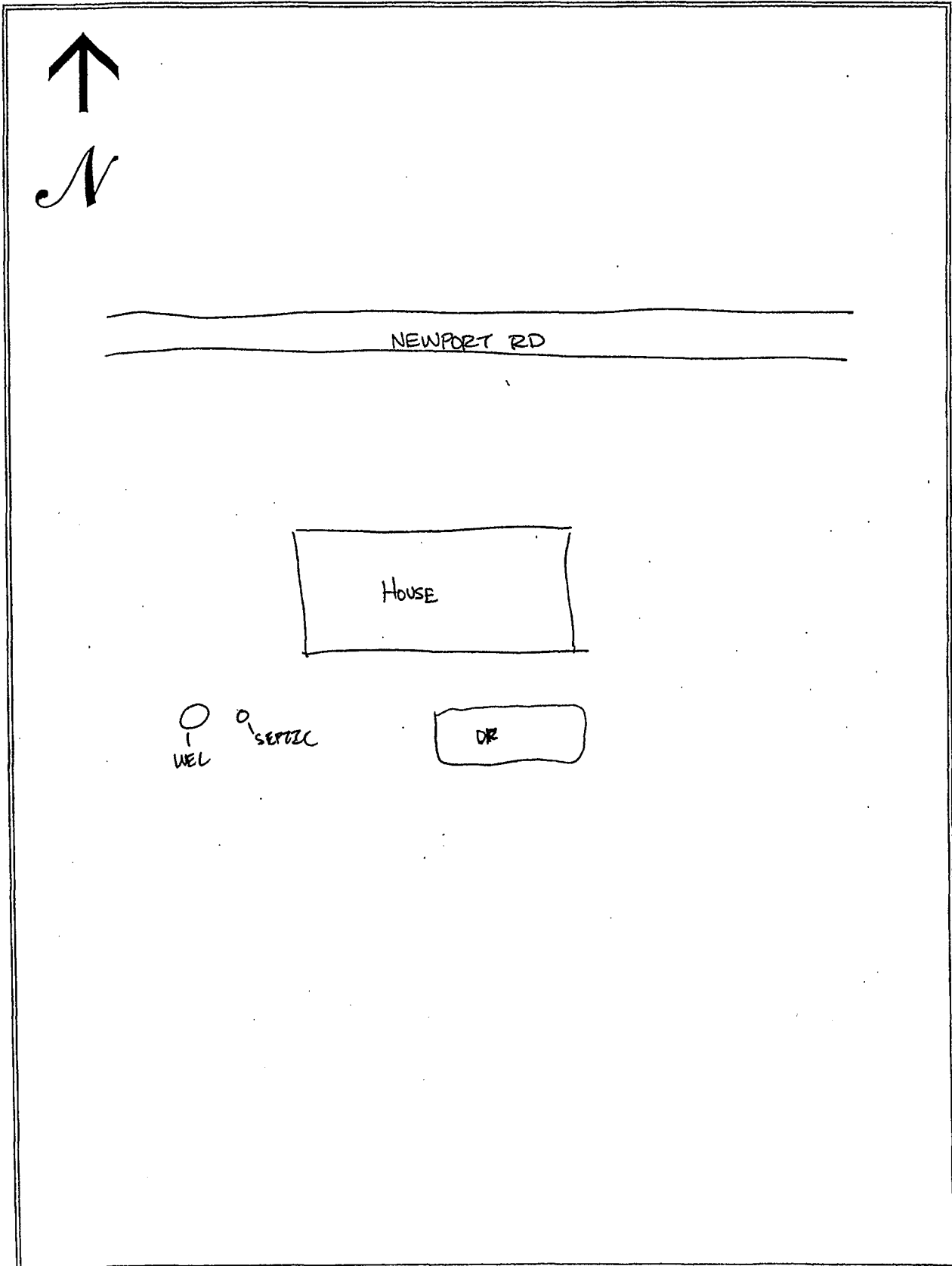
SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

# LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



## 132

(Boro/Twp.) is conducting a survey to determine what sewage problems may exist will be used to determine if sewage problems exist, and the best and most economical Please help us locate and circle your property on the accompanying map. Please our ability and return it by \_\_\_\_/\_\_\_\_/\_\_\_\_ to the municipal office at:

Please note: this survey may be followed by a partial or whole door to door survey.

NAME: LETTER PHONE: ( ) -

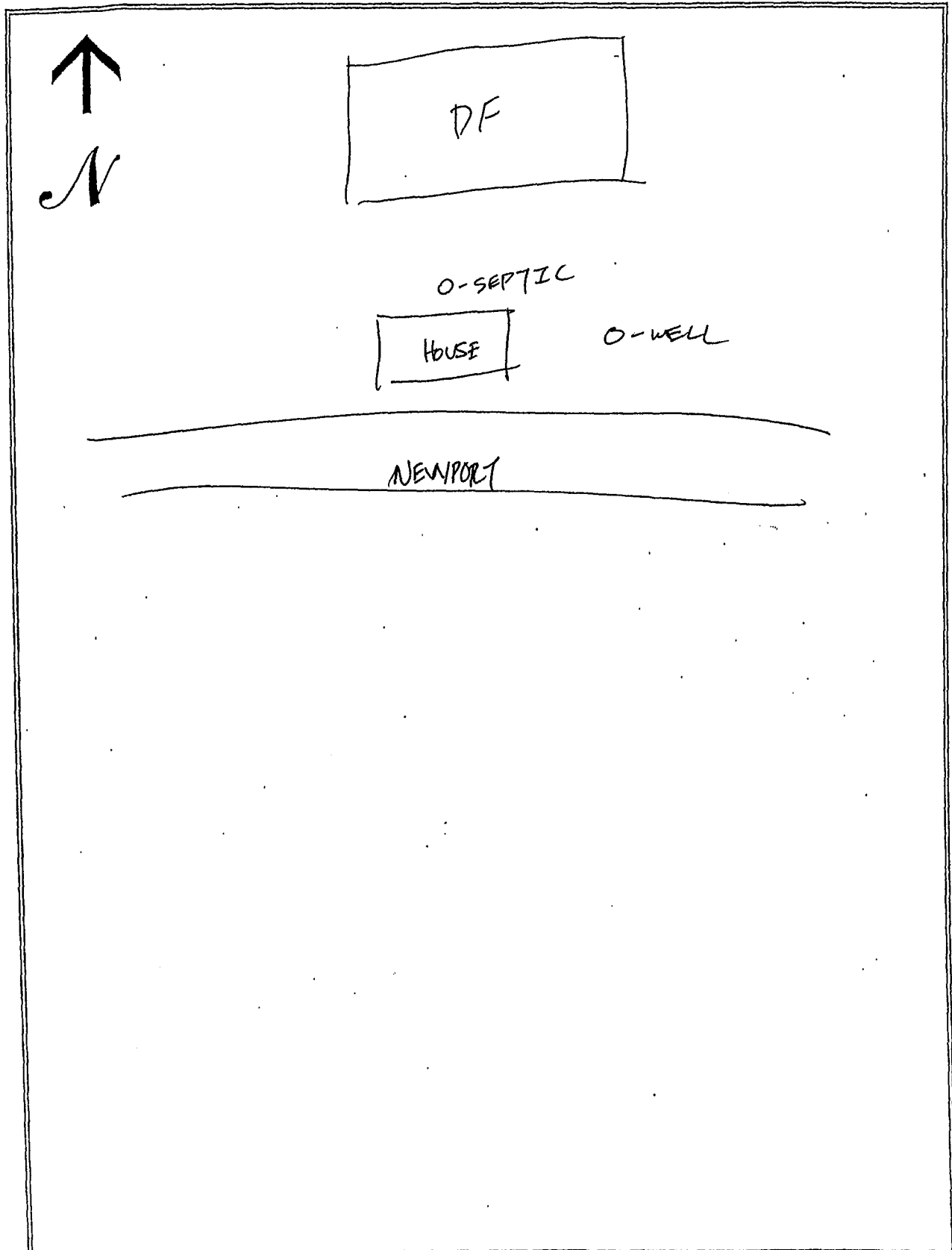
ADDRESS: 1760 NEWPORT RD

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? 1.50
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? WATER SOFTENER  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field 462 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? 2000  
What were the results? CLEAR
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
- |                    |                     |                 |
|--------------------|---------------------|-----------------|
| <u>SEPTIC TANK</u> | <u>INGROUND BED</u> | COMMUNITY SEWER |
| CESSPOOL           | INGROUND TRENCH     | STORM SEWER     |
| OLD WELL           | ELEVATED SAND MOUND | PIPE TO DITCH   |
| HOLDING TANK       | SEEPAGE PIT         | PIPE TO STEAM   |
| PRIVY              | BORE HOLE           | PIPE TO SURFACE |
| PUBLIC SEWER       | OTHER _____         |                 |
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
- |                    |                     |                 |
|--------------------|---------------------|-----------------|
| <u>SEPTIC TANK</u> | <u>INGROUND BED</u> | COMMUNITY SEWER |
| CESSPOOL           | INGROUND TRENCH     | STORM SEWER     |
| OLD WELL           | ELEVATED SAND MOUND | PIPE TO DITCH   |
| HOLDING TANK       | SEEPAGE PIT         | PIPE TO STEAM   |
| PRIVY              | BORE HOLE           | PIPE TO SURFACE |
| PUBLIC SEWER       | OTHER _____         |                 |
9. How old is your system? 5 yrs. Was it permitted? Y N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
- |                  |                                  |             |
|------------------|----------------------------------|-------------|
| GREEN LUSH GRASS | WETNESS OR SPONGY AREAS          | <u>NONE</u> |
| ODORS            | WATER PONDING OR SURFACING       |             |
| SLUGGISH DRAINS  | WASTEWATER BACKING INTO THE HOME |             |
| SYSTEM OVERFLOW  | OTHER _____                      |             |
11. Was your system every pumped out? YES or NO How often? N/A Last time? N/A  
If it was pumped, was it inspected for cracks or broken baffles? N/A
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of? NO
14. COMMENTS:



LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

5/22/02

SAMPLE / MAP #

133

PENN (Boro. Penn) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by      /      /      to the municipal office at:

If you have any questions please contact      at (      )      -      .

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: SAUDER PHONE: (      )      -     

ADDRESS: 128 1781 NEWPORT RD

- How many people live in your house? 4 SEASONAL / ALL YEAR?
- How large is your lot? 1.85
- Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: TWO SEPERATE TANKS
- What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER?       
Do you treat your water? YES OR NO If yes, how?       
If you have a well: Is it DUG or DRILLED? How Deep? 340 ft. Cased? YES or NO  
5. How far is the well or spring from the drain field      ft. Is well UP/DOWN SLOPE       
Have you every had your water tested? YES or NO When?       
What were the results?
- What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

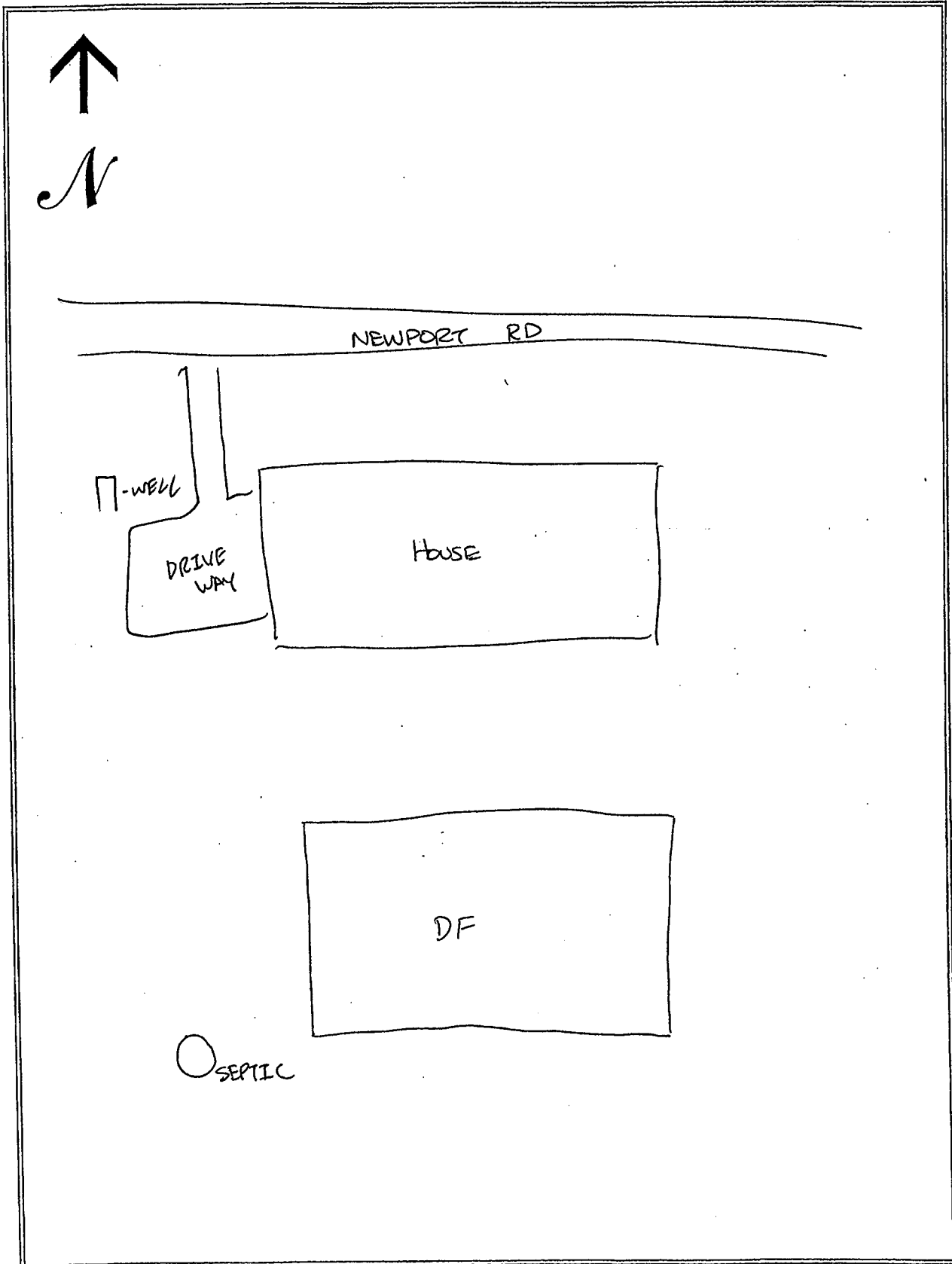
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER <u>    </u>	
- Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER <u>    </u>	
- How old is your system? 9 yrs Was it permitted? Y N When? 9 yr
- Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS	<u>NONE</u>
ODORS	WATER PONDING OR SURFACING	
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME	
SYSTEM OVERFLOW	OTHER <u>    </u>	
- Was your system every pumped out? YES or NO How often? REGULARY Last time? MARCH 2002  
If it was pumped, was it inspected for cracks or broken baffles? YES
- Was your system ever repaired? YES or NO When? MARCH 2002 By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED  
PUMPED DRAINFIELD
- Are there any other sewage problems you are aware of? NO
- COMMENTS:

# LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

5/23/02

134

PENN (Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: FORNIAULT PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 528 PLEASANT VIEW

- How many people live in your house? 2 SEASONAL / ALL YEAR?
- How large is your lot? 0.84
- Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
- What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? 7200 ft. Cased? YES or NO  
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
- What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

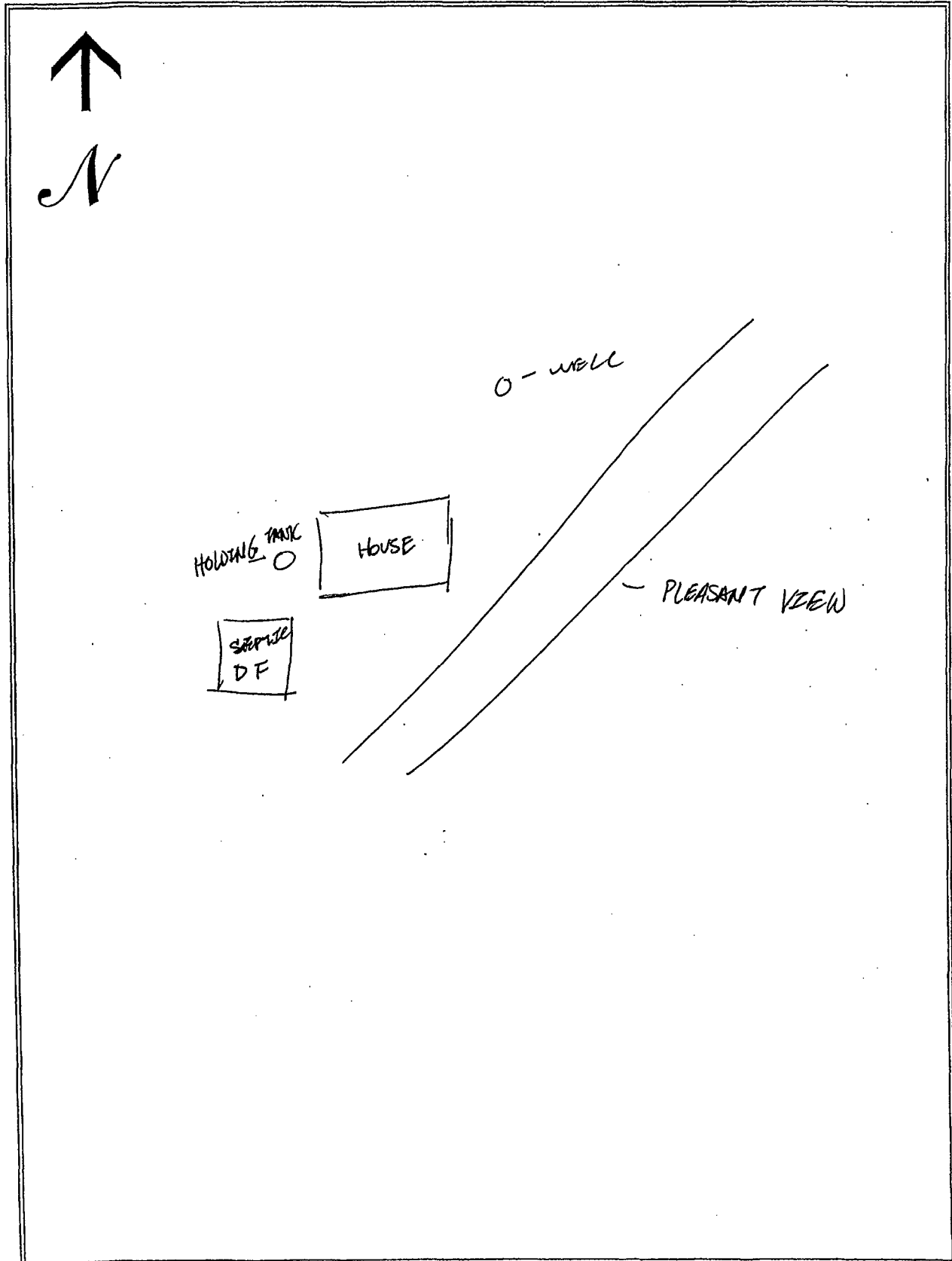
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
- Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
- How old is your system? 21-22 yrs Was it permitted? Y / N When? \_\_\_\_\_
- Have you every noticed any of the following near your septic system?  

<u>GREEN LUSH GRASS</u>	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
- Was your system every pumped out? YES or NO How often? 6 MONTHS Last time? Oct 2002  
If it was pumped, was it inspected for cracks or broken baffles? NO
- Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
- Are there any other sewage problems you are aware of? NO
- COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

135

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_-\_\_\_\_.  
Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Rufus + Anna Brubaker PHONE: (\_\_\_\_) \_\_\_\_-\_\_\_\_  
ADDRESS: 1022 N. Pennryn Rd

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? 6 Acre
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

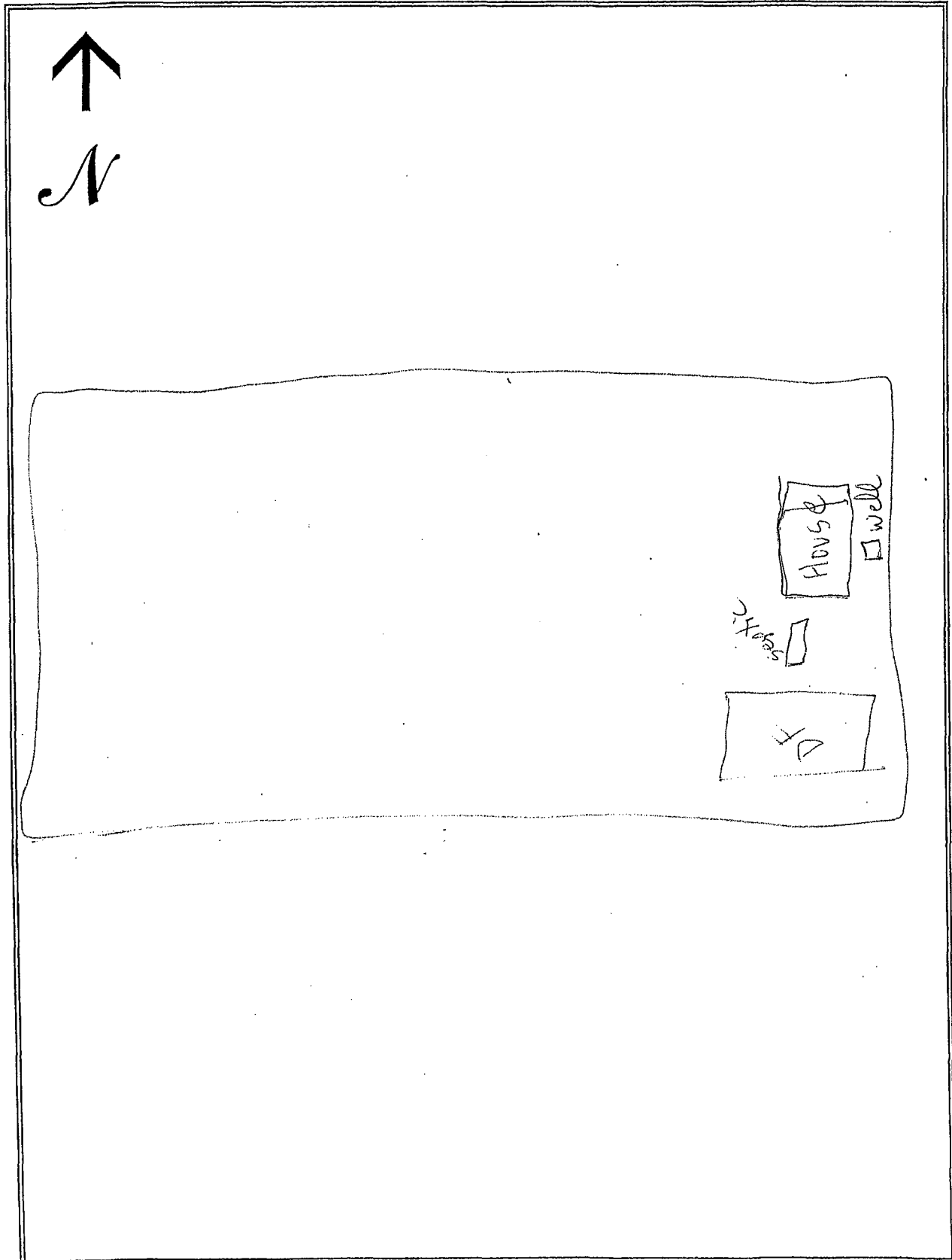
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

136

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Richard & Connie Martin PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 1229 Newport Rd

1. How many people live in your house? 2 SEASONAL / ALL YEAR?
2. How large is your lot? 1/3 Acre
3. Do you have more than one sewage system on your lot? YES or (NO)  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? (WELL) SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? Sattler  
If you have a well: Is it DUG or (DRILLED)? How Deep? 175 ft. Cased? YES or NO  
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? (YES) or NO When? 30 yrs  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

<u>(SEPTIC TANK)</u>	<u>(INGROUND BED)</u>	COMMUNITY SEWER
<u>(CESSPOOL)</u>	INGROUND TRENCH	STORM SEWER
<u>(OLD WELL)</u>	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

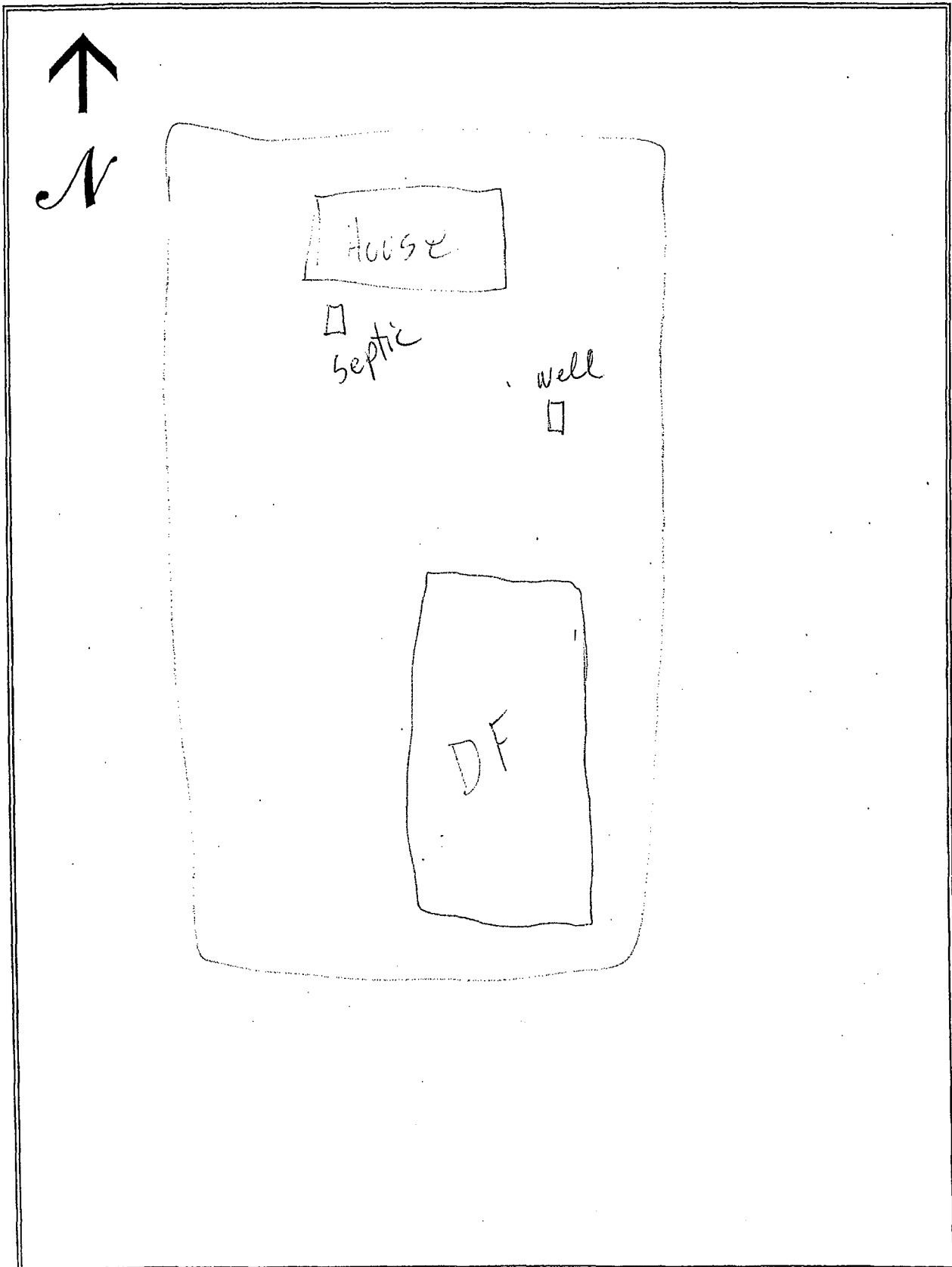
<u>(SEPTIC TANK)</u>	INGROUND BED	COMMUNITY SEWER
<u>(CESSPOOL)</u>	INGROUND TRENCH	STORM SEWER
<u>(OLD WELL)</u>	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 20-30 Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? (YES) or NO How often? every yr Last time? last fall  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? (YES) or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED (REPLACED)
13. Are there any other sewage problems you are aware of?
14. COMMENTS:



# LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

\_\_\_\_/\_\_\_\_/\_\_\_\_

137

\_\_\_\_ (Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_\_/\_\_\_\_/\_\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_-\_\_\_\_.  
Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: William Gearhart PHONE: (\_\_\_\_) \_\_\_\_-\_\_\_\_  
ADDRESS: 1251 Newport Rd.

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? 1.2 Acre
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

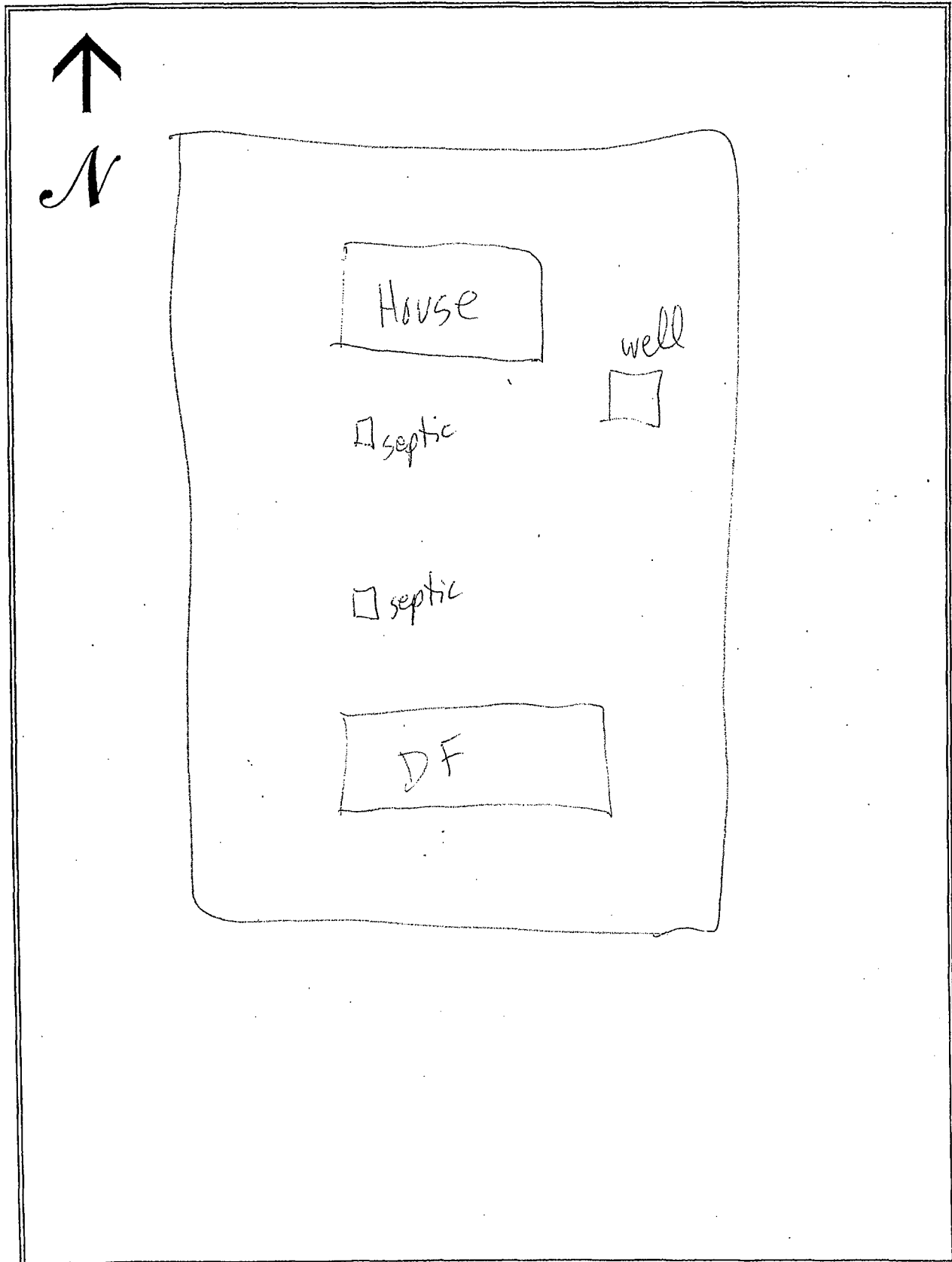
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include:* tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

\_\_\_\_/\_\_\_\_/\_\_\_\_

138

\_\_\_\_ (Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_\_/\_\_\_\_/\_\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Wilmer + Myrtle Shelley PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 1343 New York Rd

1. How many people live in your house? 2 SEASONAL / ALL YEAR?
2. How large is your lot? 1/2 Acre
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

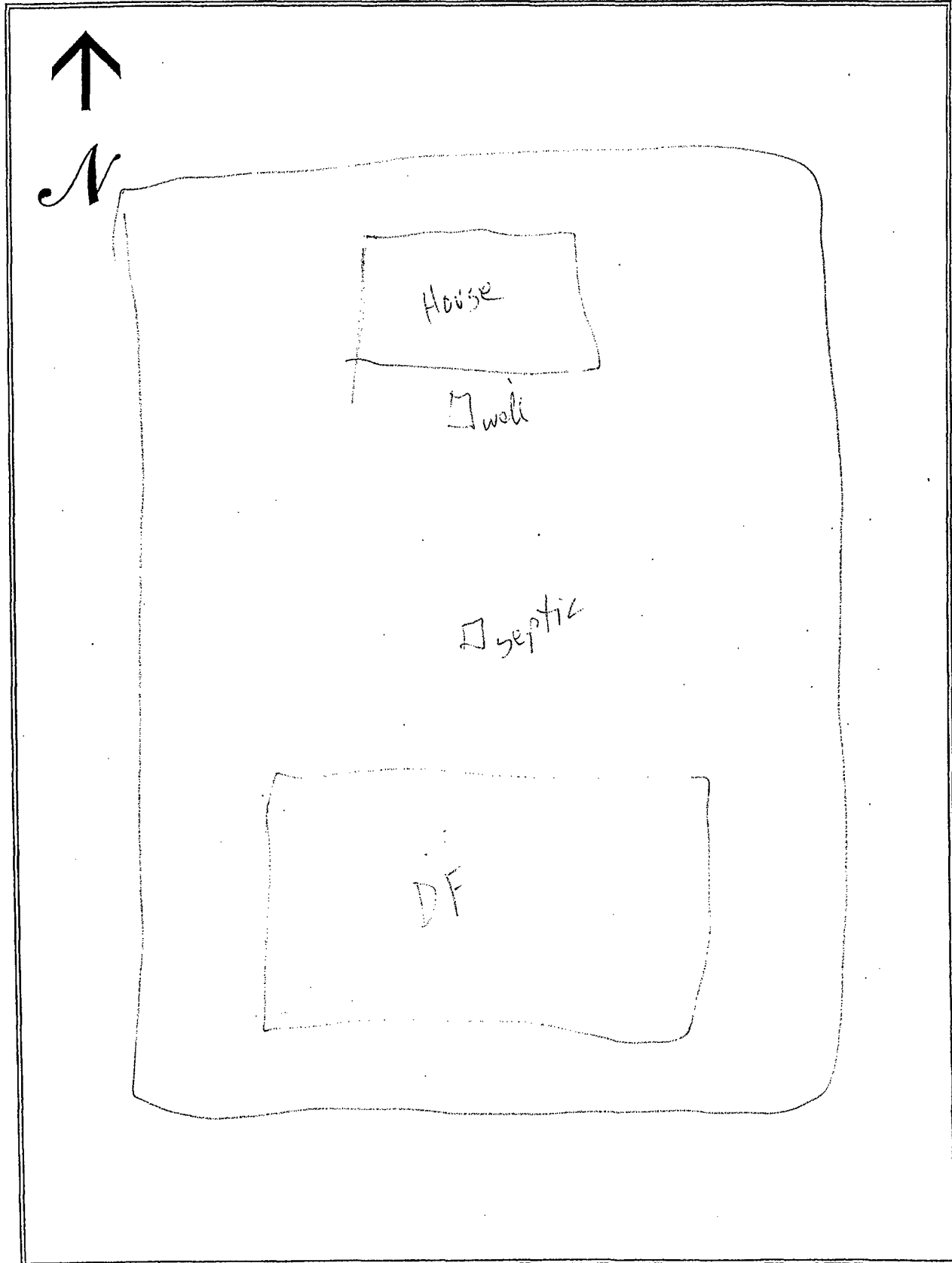
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 100 Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	<u>WETNESS OR SPONGY AREAS</u>
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? 2-3 yrs Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? 20 yrs By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

139

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Dwane Gingrich PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 1387 Newport Rd.

1. How many people live in your house? 5 SEASONAL / ALL YEAR?

2. How large is your lot? 1/2 Acre

3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_

4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO

5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? 7 yrs  
What were the results? \_\_\_\_\_

7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
<u>HOLDING TANK</u>	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	

8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)

<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	

9. How old is your system? 80 yrs Was it permitted? Y / N When? \_\_\_\_\_

10. Have you every noticed any of the following near your septic system?

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
<u>SLUGGISH DRAINS</u>	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____

11. Was your system every pumped out? YES or NO How often? 2 Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_

12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?

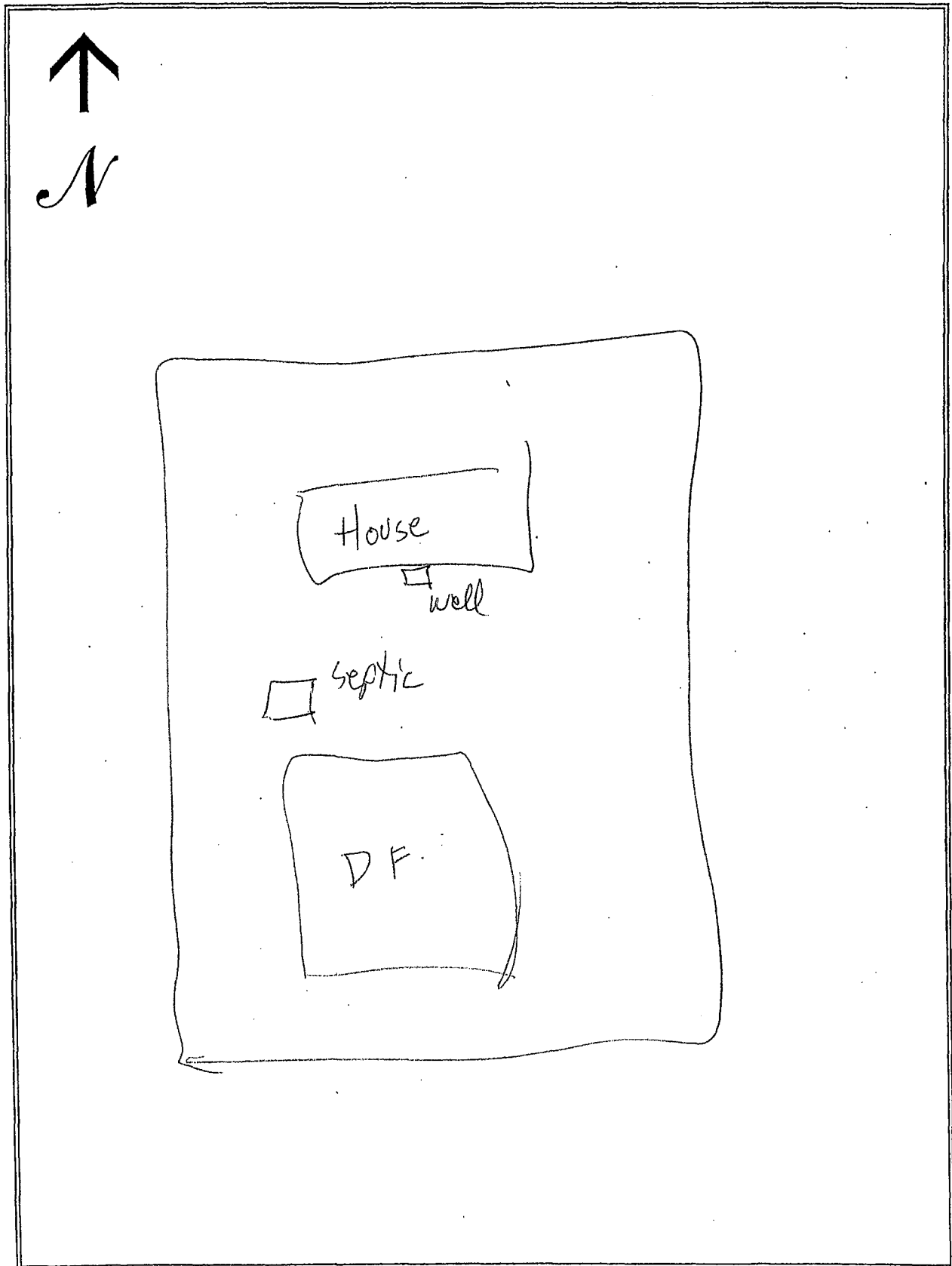
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED

13. Are there any other sewage problems you are aware of?

14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

\_\_\_\_/\_\_\_\_/\_\_\_\_

140

\_\_\_\_ (Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_\_/\_\_\_\_/\_\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Edward + Da Biddinger PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 1401 Newport Rd.

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? 8 Acres
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWNSLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

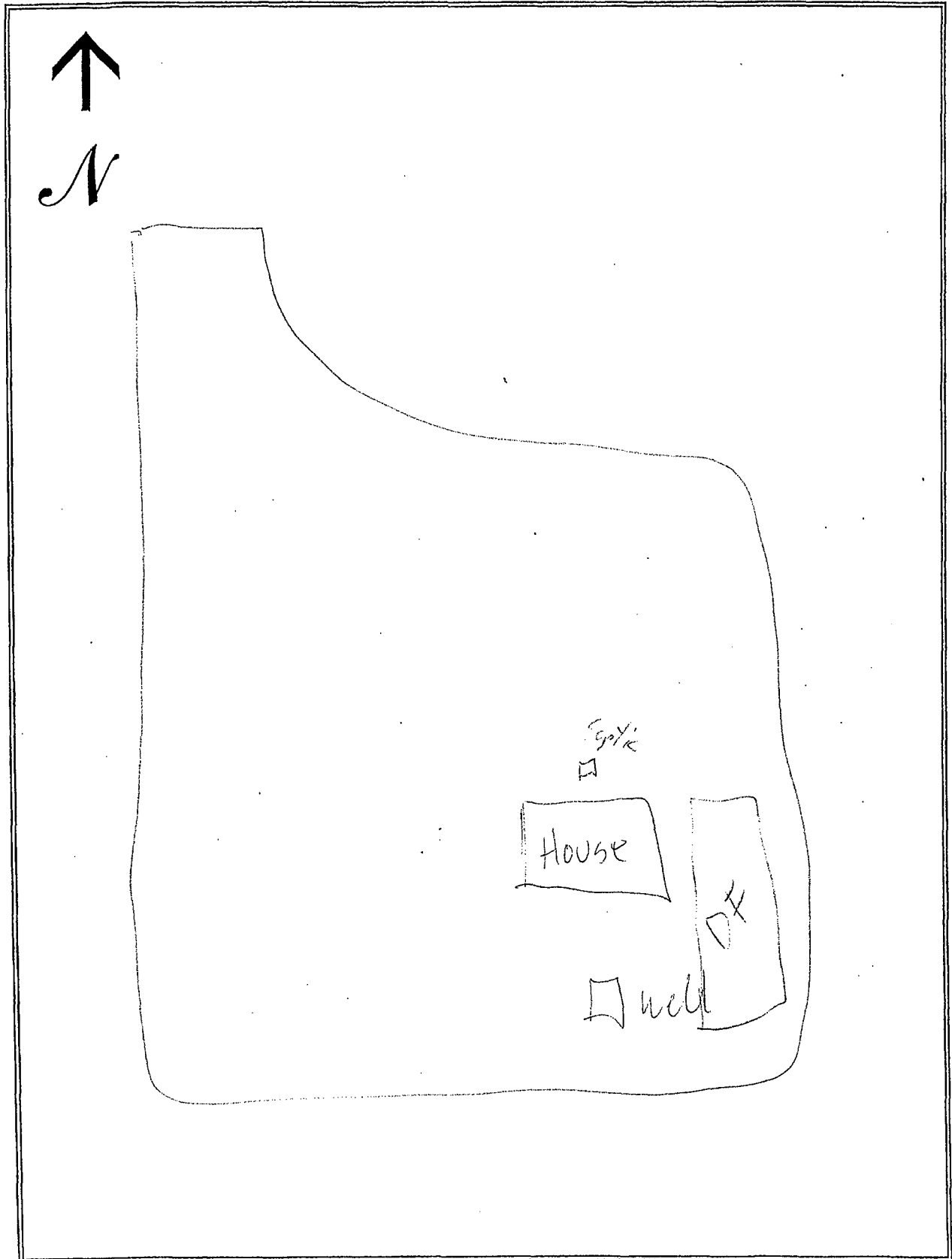
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:



## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

1/1

141

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_-\_\_\_\_.  
Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: James + Vivian Karsnitz PHONE: (\_\_\_\_) \_\_\_\_-\_\_\_\_  
ADDRESS: 1428 Jerry Lane

1. How many people live in your house? 1 SEASONAL / ALL YEAR?
2. How large is your lot? 1/3 Acre
3. Do you have more than one sewage system on your lot? YES or (NO)  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? Softener  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO  
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? 1979  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

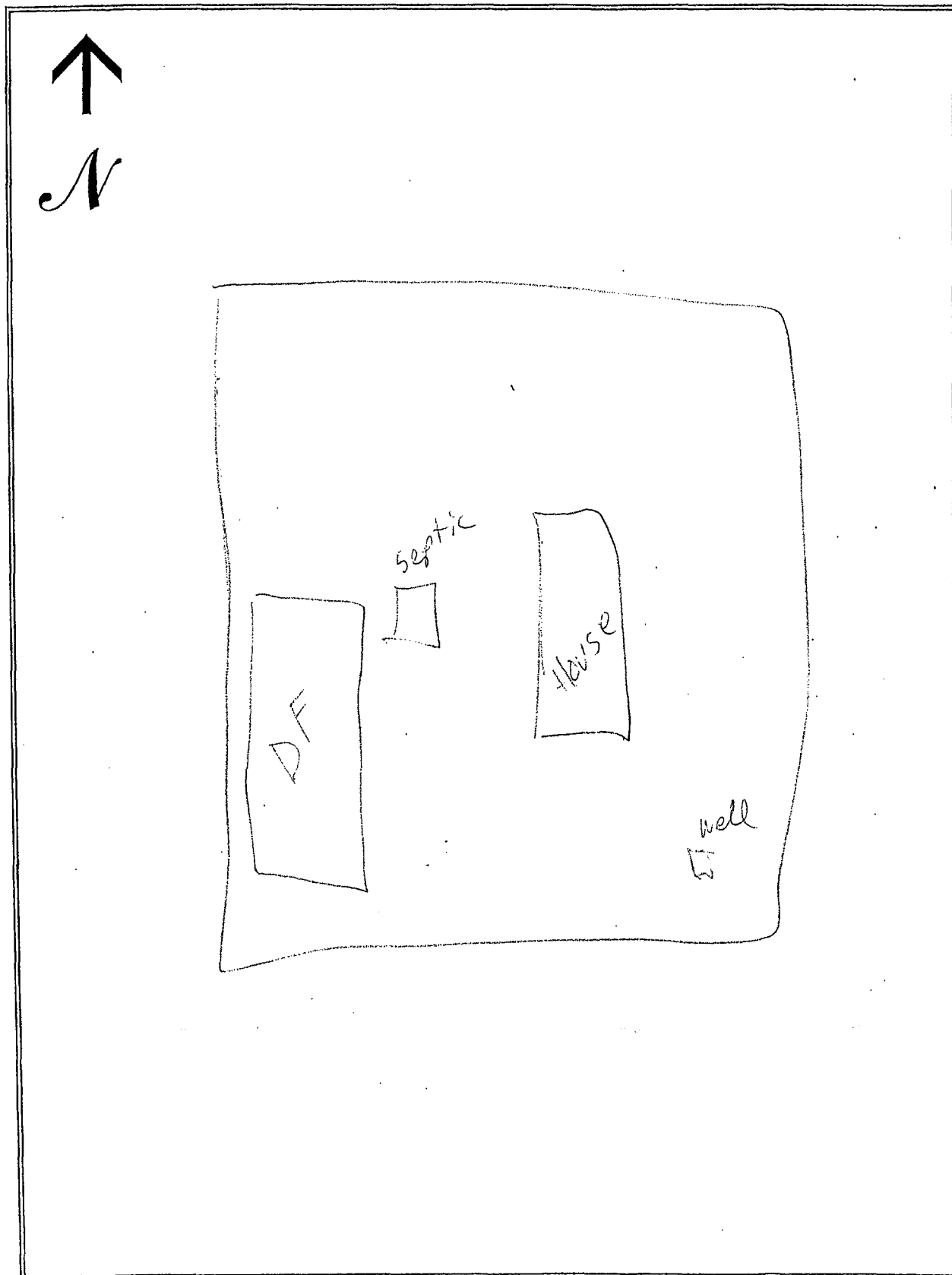
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 45 yrs Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

<u>GREEN LUSH GRASS</u>	<u>WETNESS OR SPONGY AREAS</u>
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? 3 yrs Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? 10 yrs By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

# LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #  
142

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Marvin & Janice Storer PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 1456 Jerry Lane

1. How many people live in your house? 4 SEASONAL / ALL YEAR?

2. How large is your lot? 1/3 Acre

3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_

4. What kind of water system do you have? WELL SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? Softener & UV  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO

5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWNSLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? 4 yrs  
What were the results? \_\_\_\_\_

7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
<u>HOLDING TANK</u>	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	

8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)

<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	

9. How old is your system? 30 yrs Was it permitted? Y / N When? \_\_\_\_\_

10. Have you every noticed any of the following near your septic system?

<u>GREEN LUSH GRASS</u>	WETNESS OR SPONGY AREAS
<u>ODORS</u>	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
<u>SYSTEM OVERFLOW</u>	OTHER _____

11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? 1999  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_

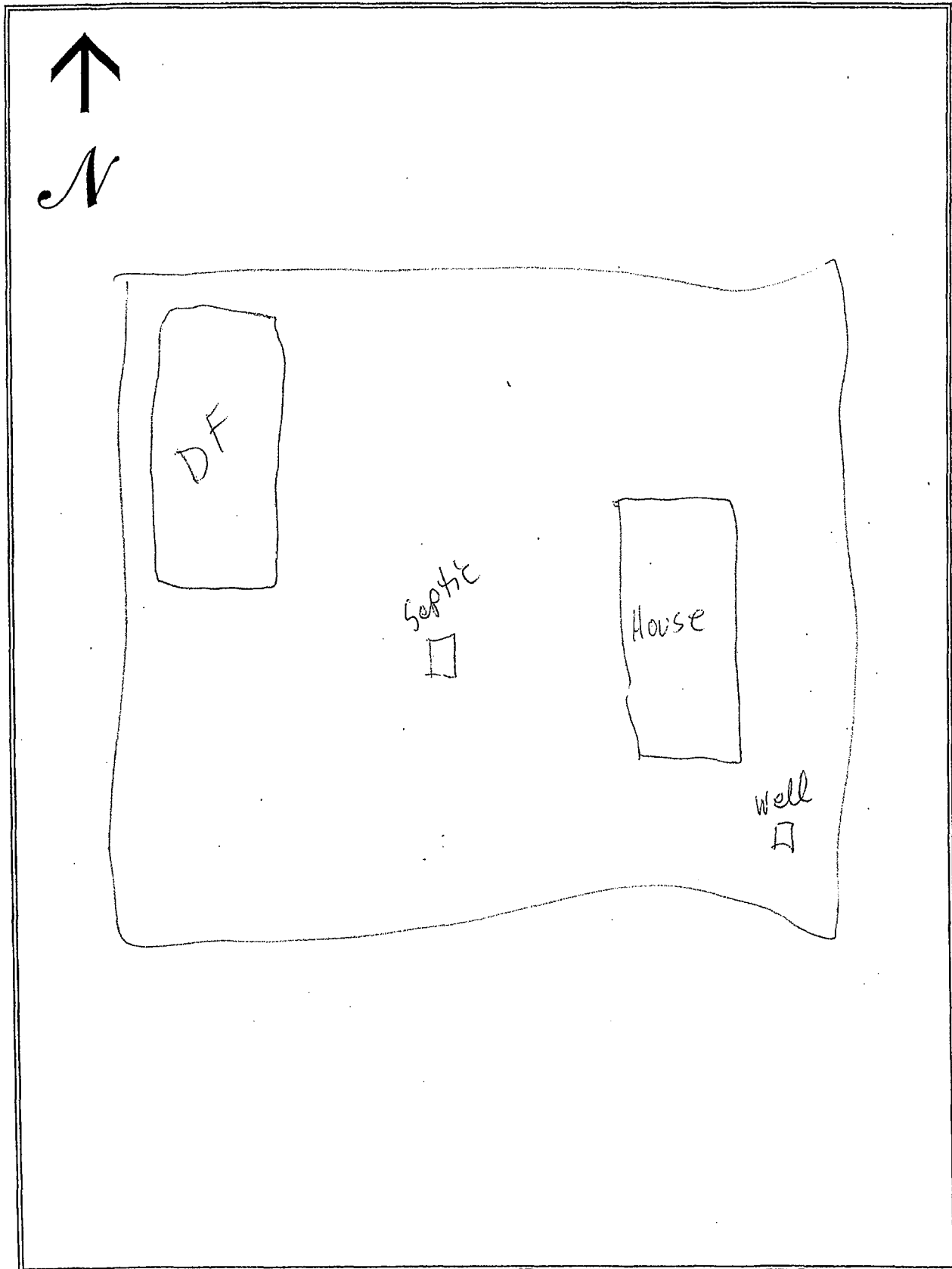
12. Was your system ever repaired? YES or NO When? 10 yrs By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED

13. Are there any other sewage problems you are aware of?

14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

143

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Dale & Kathryn Wolfe PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 1457 Jerry Ln

1. How many people live in your house? 2 SEASONAL / ALL YEAR?
2. How large is your lot? 1/3 Acre
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? 142 ft. Cased? YES or NO  
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

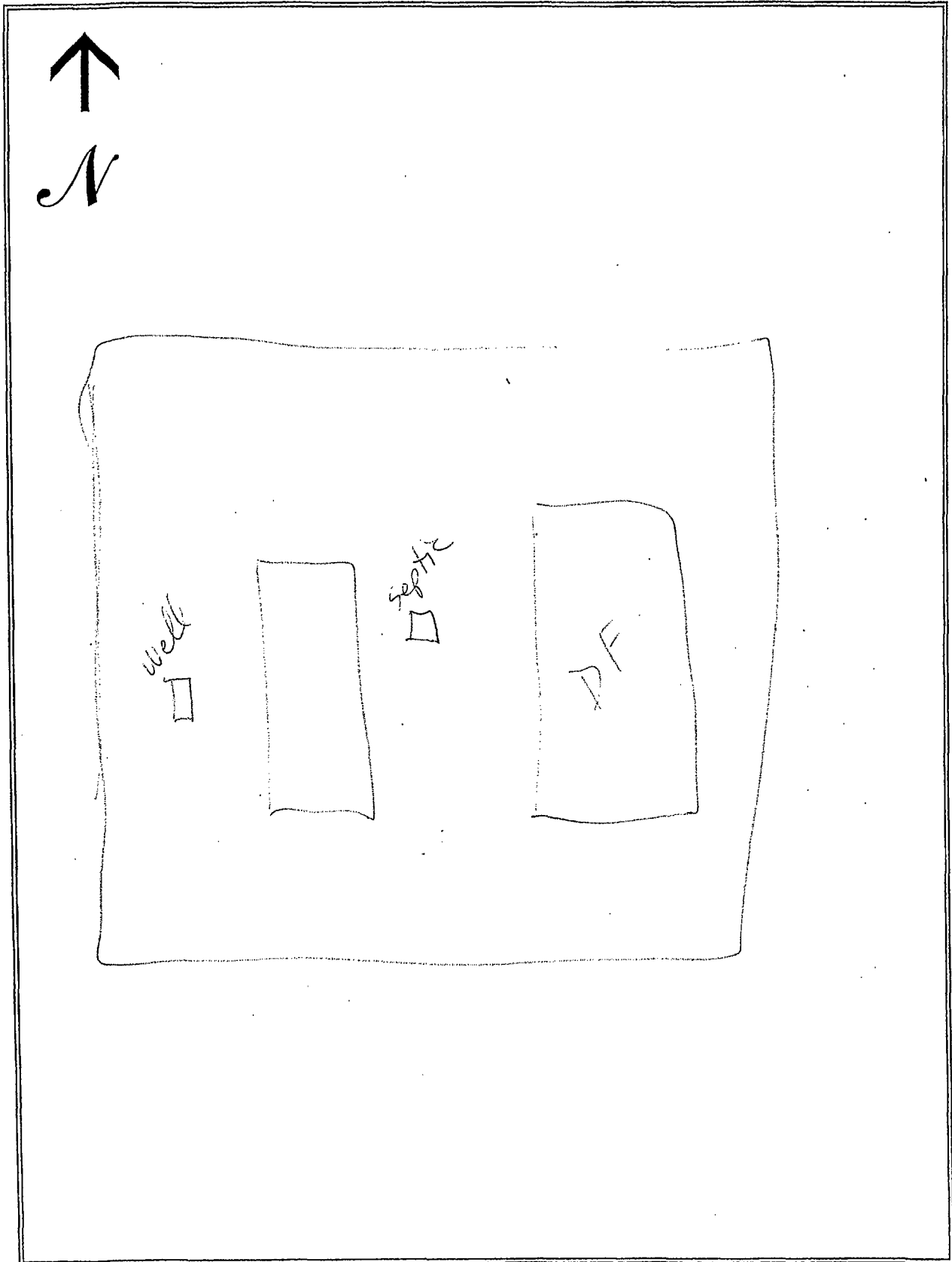
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 30 Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? 3 yrs  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

144

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Jeff + Lisa Cook PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 1472 Jerry Ln

1. How many people live in your house? 4 SEASONAL / ALL YEAR?
2. How large is your lot? 1/4 Acre
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? Saffner  
If you have a well: Is it DUG or DRILLED? How Deep? 160 ft. Cased? YES or NO  
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
<u>HOLDING TANK</u>	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

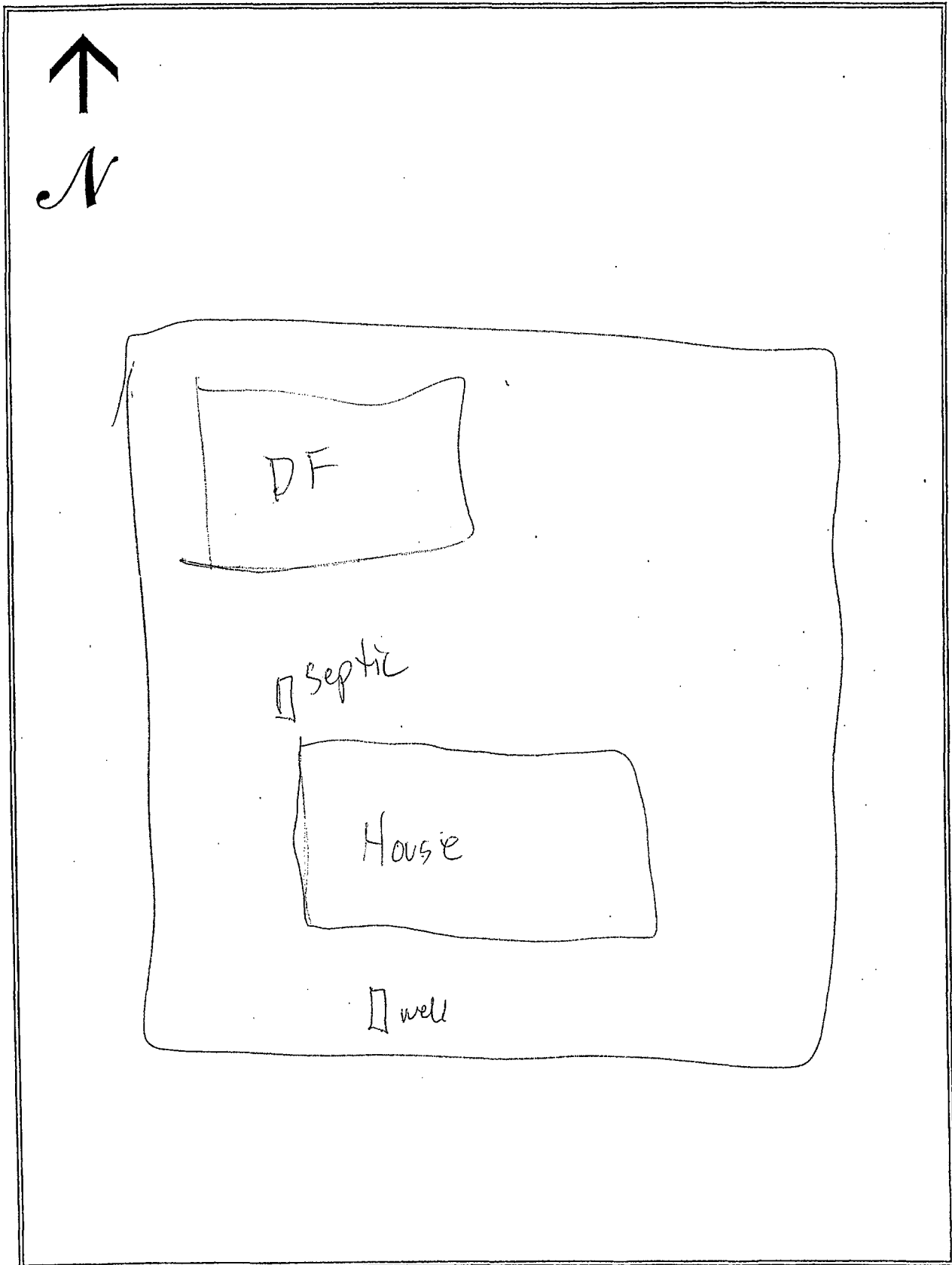
<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 30 Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? 3 yrs Last time? 1 week  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? 17 yrs By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:



## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

1/1/1

145

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Stephen & Kathleen Hamlin PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 1500 Jerry Ln.

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? 2 1/2 Acres
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

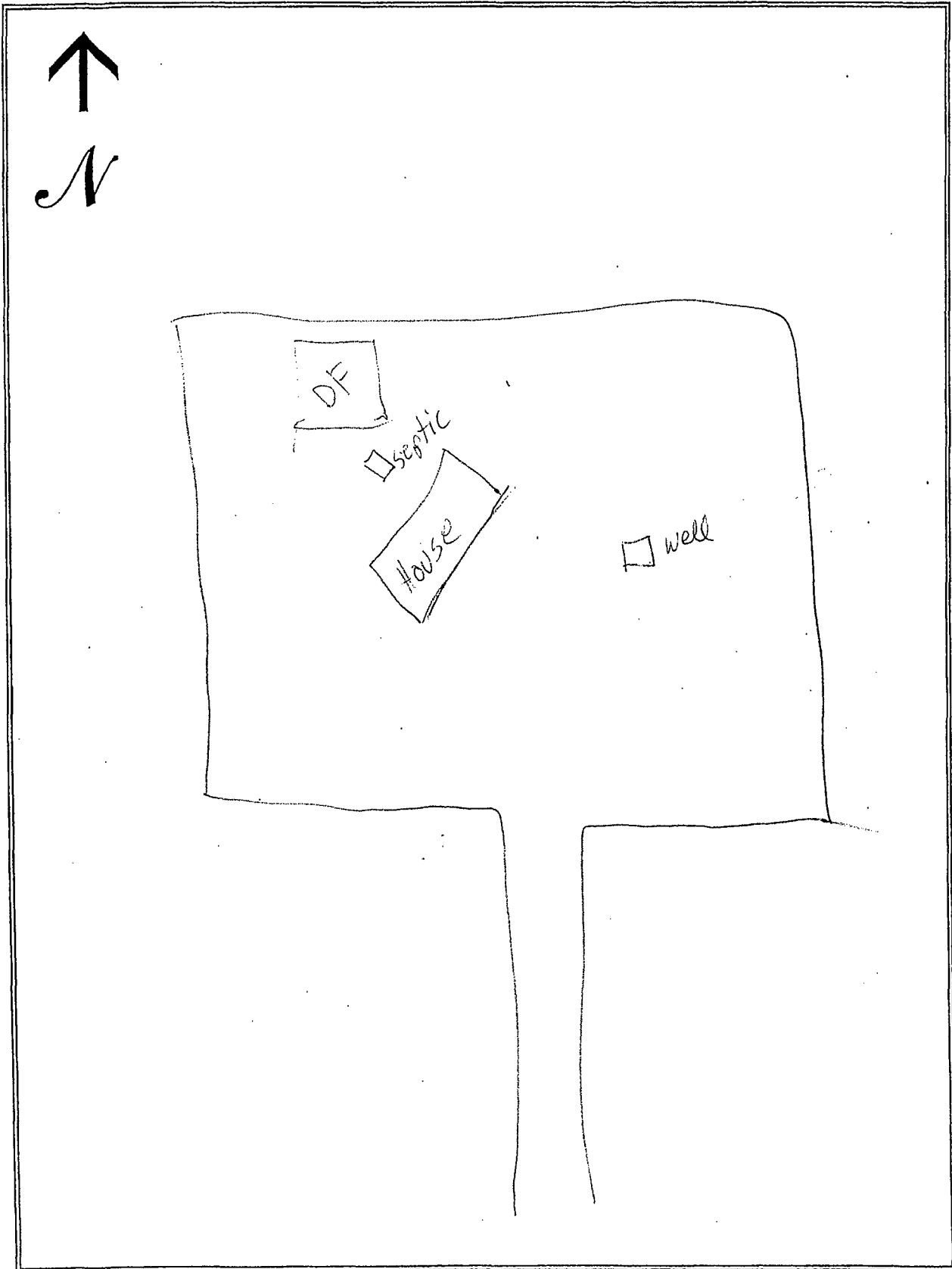
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

1/1/

146

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Esther Lehman PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 1475 Dave Circle

1. How many people live in your house? 1 SEASONAL / ALL YEAR?
2. How large is your lot? 1/3 Acre
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? Softener  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO  
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWNSLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

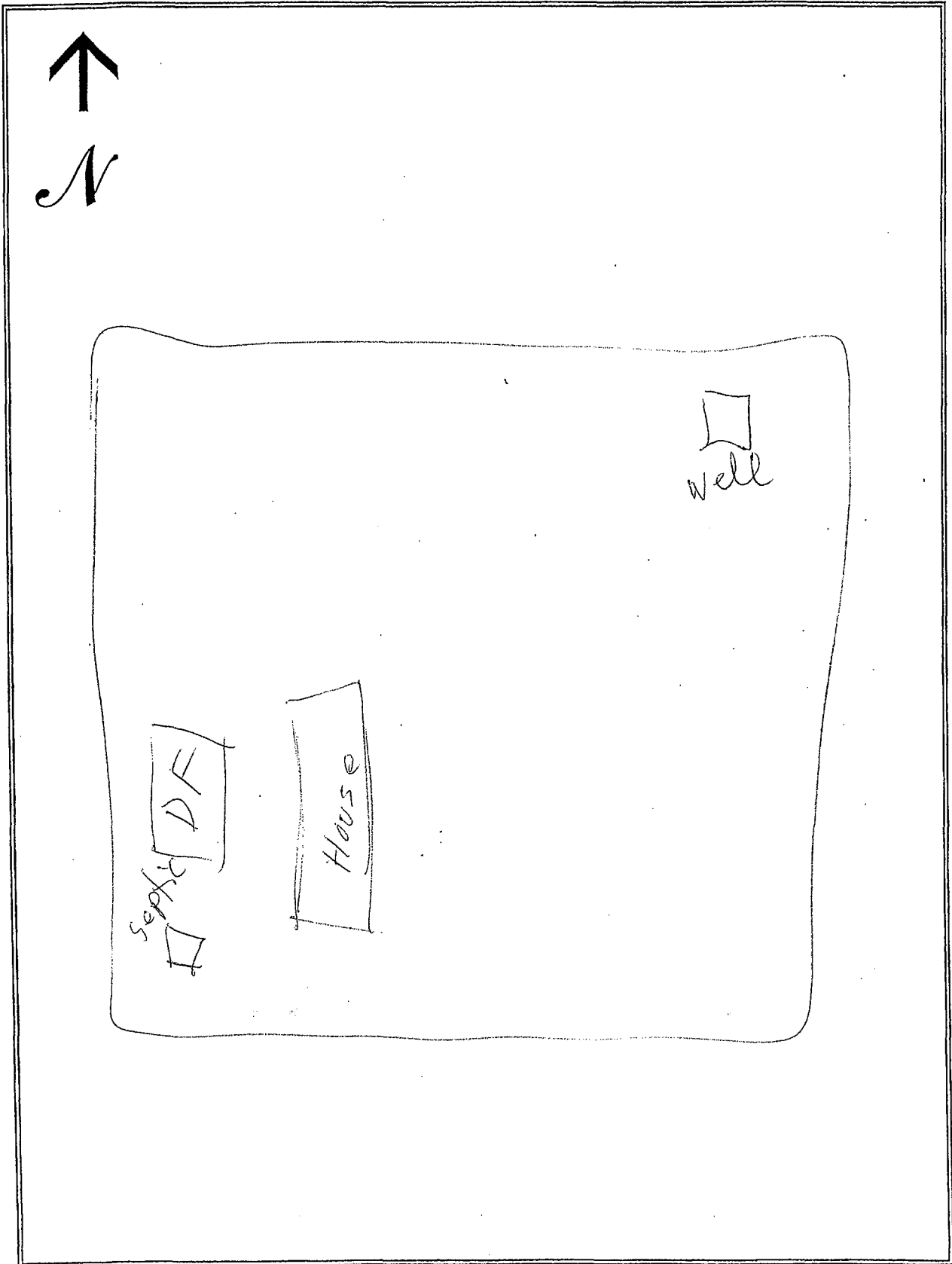
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 26 Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

\_\_\_\_/\_\_\_\_/\_\_\_\_

147

\_\_\_\_ (Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_\_/\_\_\_\_/\_\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Issac + Lois Bomberger PHONE: (\_\_\_\_) \_\_\_\_-\_\_\_\_

ADDRESS: 1606 Locust Grove Rd.

1. How many people live in your house? 3 SEASONAL / ALL YEAR?
2. How large is your lot? 14 Acre
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? Acid Neutralizer  
If you have a well: Is it DUG or DRILLED? How Deep? 110 ft. Cased? YES or NO  
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

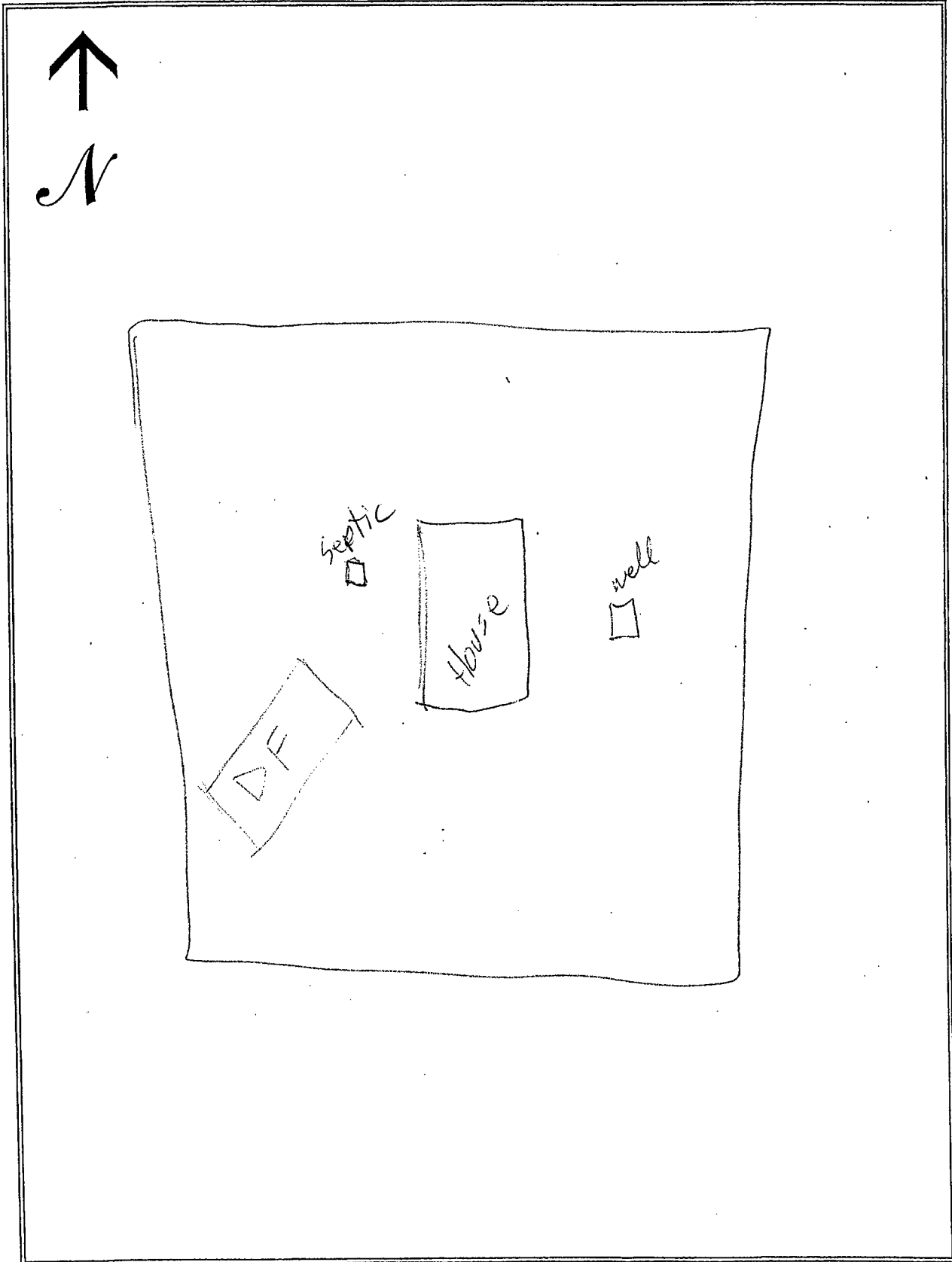
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 33 Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? 15  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #  
148

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Scott & Carrie Sloop PHONE: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_

ADDRESS: 1324 Newport Rd.

1. How many people live in your house? 3 SEASONAL / ALL YEAR?
2. How large is your lot? 3/4 Acre
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: 2
4. What kind of water system do you have? WELL SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? Softener  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO  
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

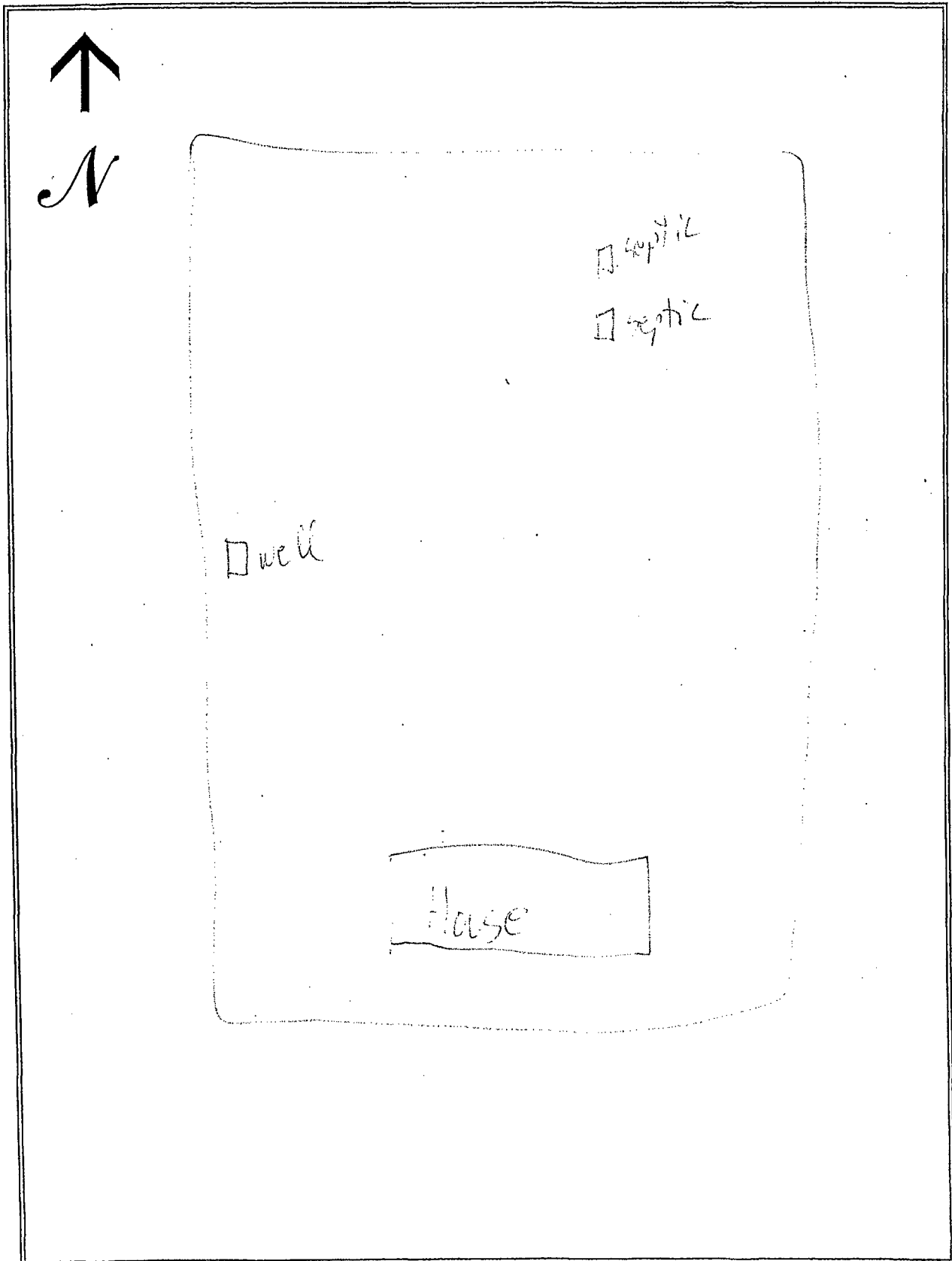
<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

<u>GREEN LUSH GRASS</u>	WETNESS OR SPONGY AREAS
<u>ODORS</u>	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? 1 yr  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:



## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #  
149

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Douglas & Dawn LeFever PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 1314 Newport Rd.

- How many people live in your house? 4 SEASONAL / ALL YEAR?
- How large is your lot? .2 Acre
- Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: 2 = only use 1
- What kind of water system do you have? WELL SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
- How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
- What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

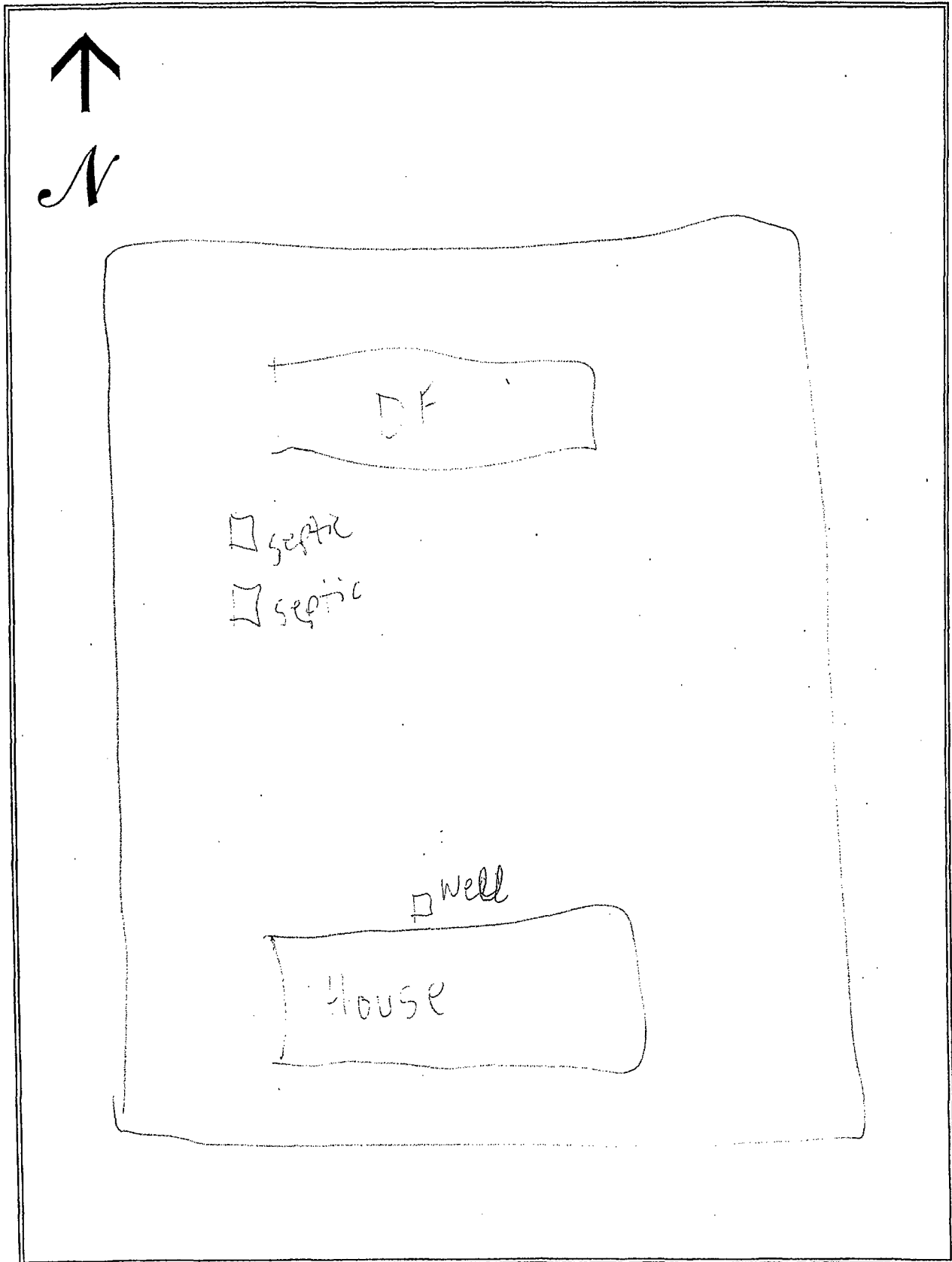
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
- Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
- How old is your system? 1 yr Was it permitted? Y / N When? \_\_\_\_\_
- Have you every noticed any of the following near your septic system?  

<u>GREEN LUSH GRASS</u>	WETNESS OR SPONGY AREAS
<u>ODORS</u>	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
- Was your system every pumped out? YES or NO How often? 2-3 yrs Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
- Was your system ever repaired? YES or NO When? 1 yr By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED REPLACED LINE: REPAIRED REPLACED DRAIN FIELD: REPAIRED REPLACED
- Are there any other sewage problems you are aware of?
- COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #  
150

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Paul & Dolores Zook PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 1430 Pennryn Rd

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? 1 3/4 Acres
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO  
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

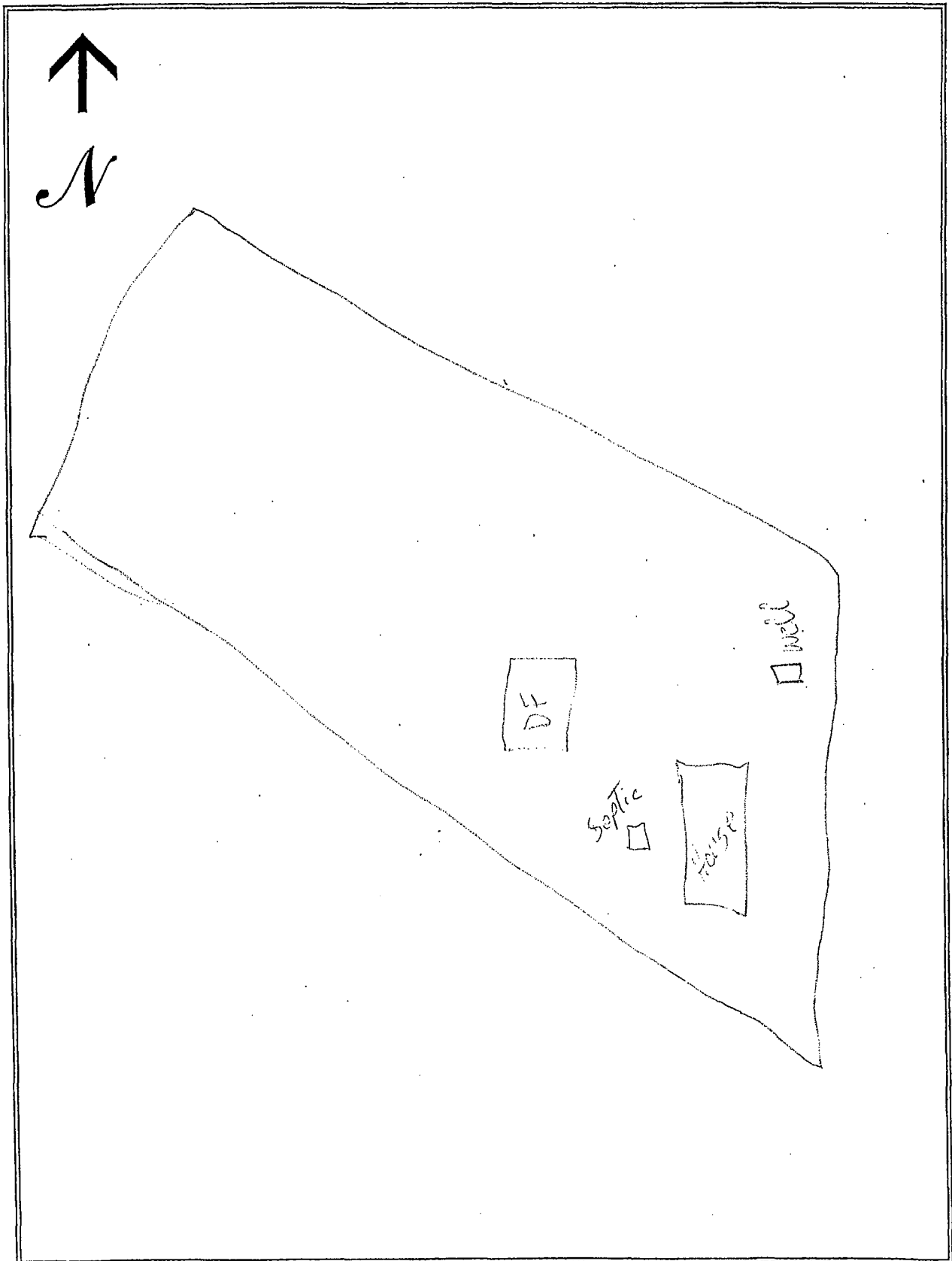
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

1/1/1

151

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Jeff & La Mae Neifert PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 1534 Willoughby Circle

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? 1/3 Acre
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

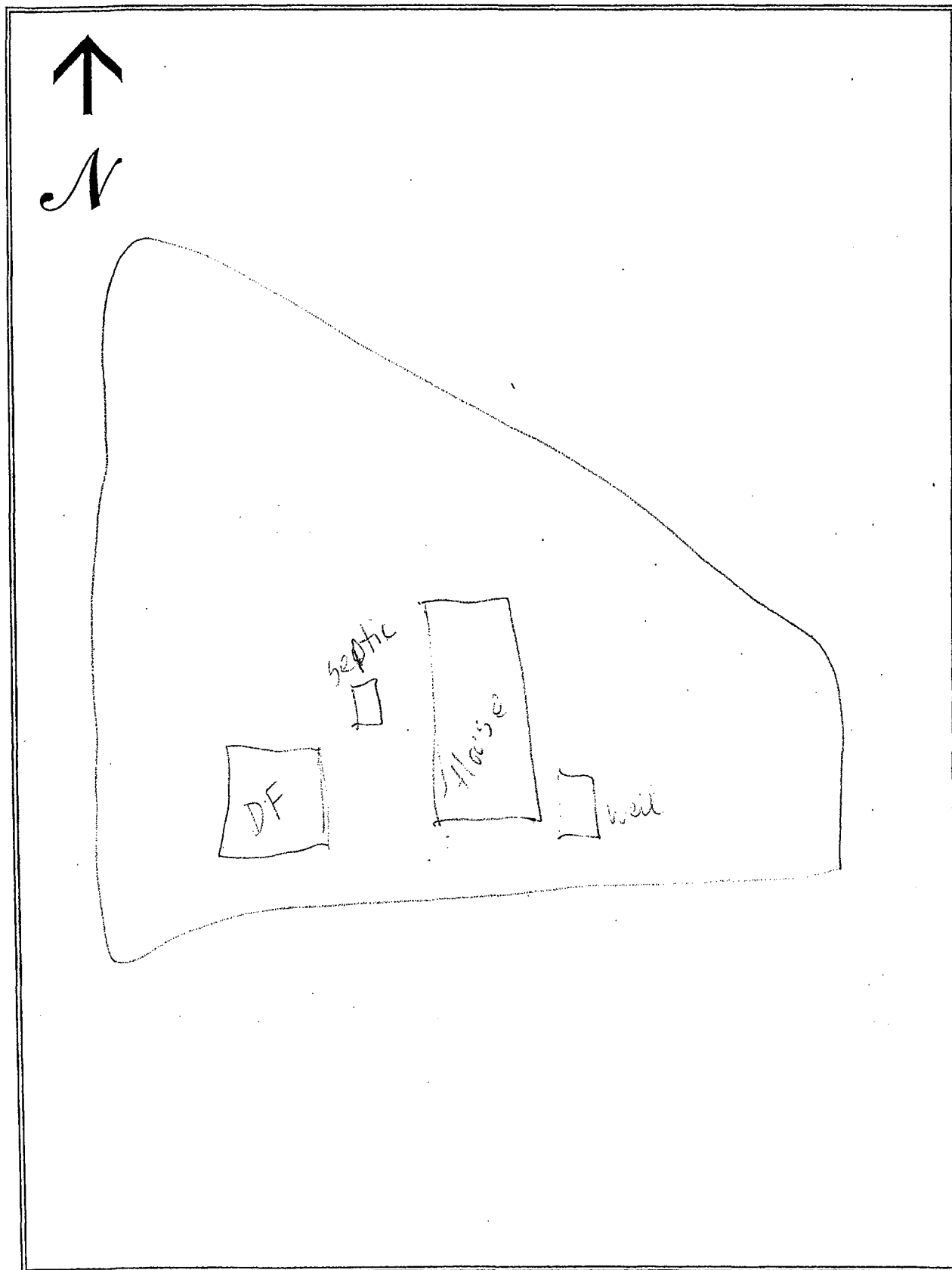
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

1/1/

152

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Deb & Richard Hansen PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 1521 Loop Rd.

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? 1/3 Acre
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? (WELL?) SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

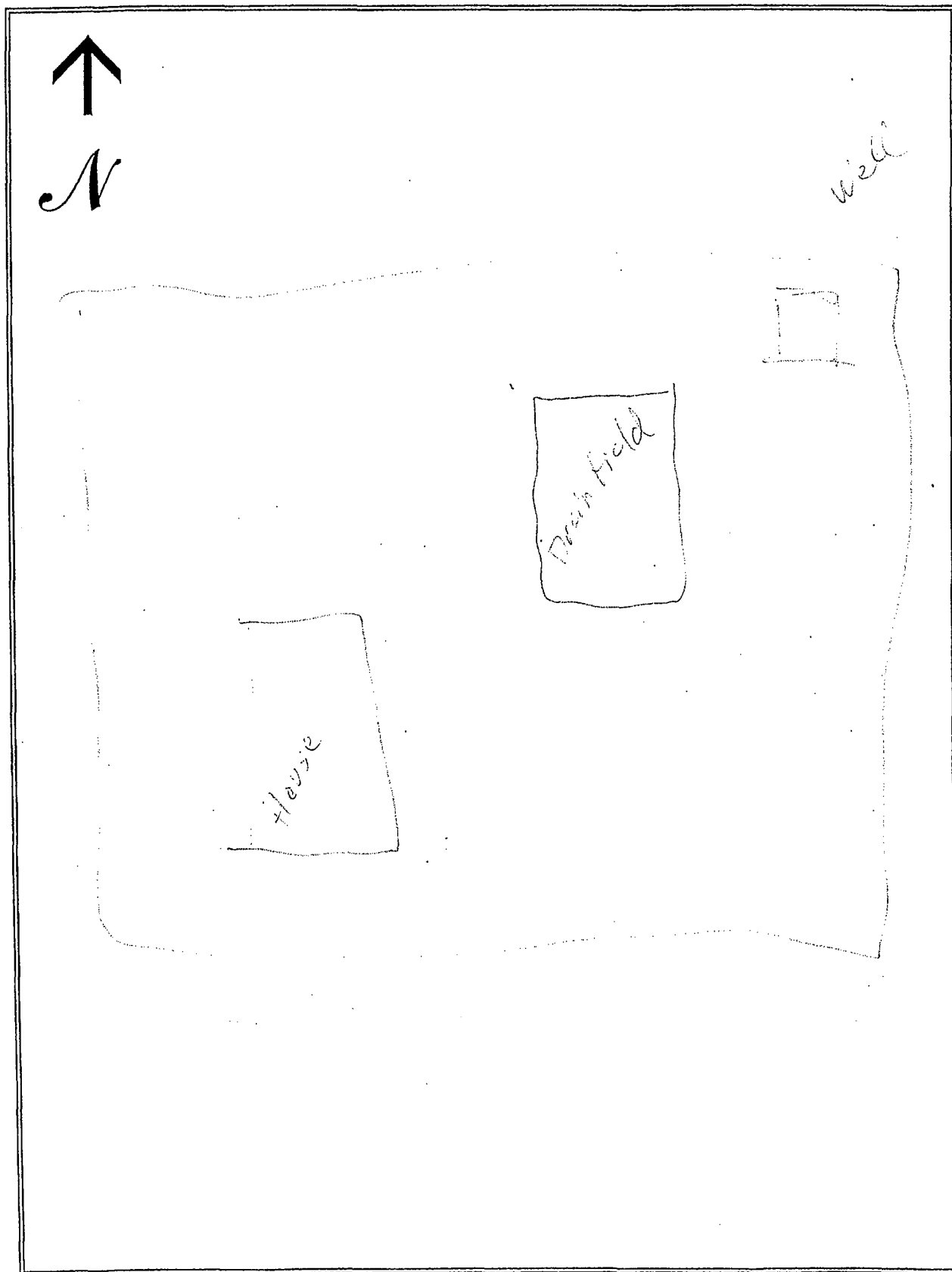
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:



# LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

1/1/1

153

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by 1/1/1 to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: John Diffenderfer PHONE: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_

ADDRESS: 1549 Picnic Grove Rd

1. How many people live in your house? 7 SEASONAL / ALL YEAR?
2. How large is your lot? 1 Acre
3. Do you have more than one sewage system on your lot? YES or (NO)  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR (NO) If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or (DRILLED)? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? (YES) or NO When? 2 weeks  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

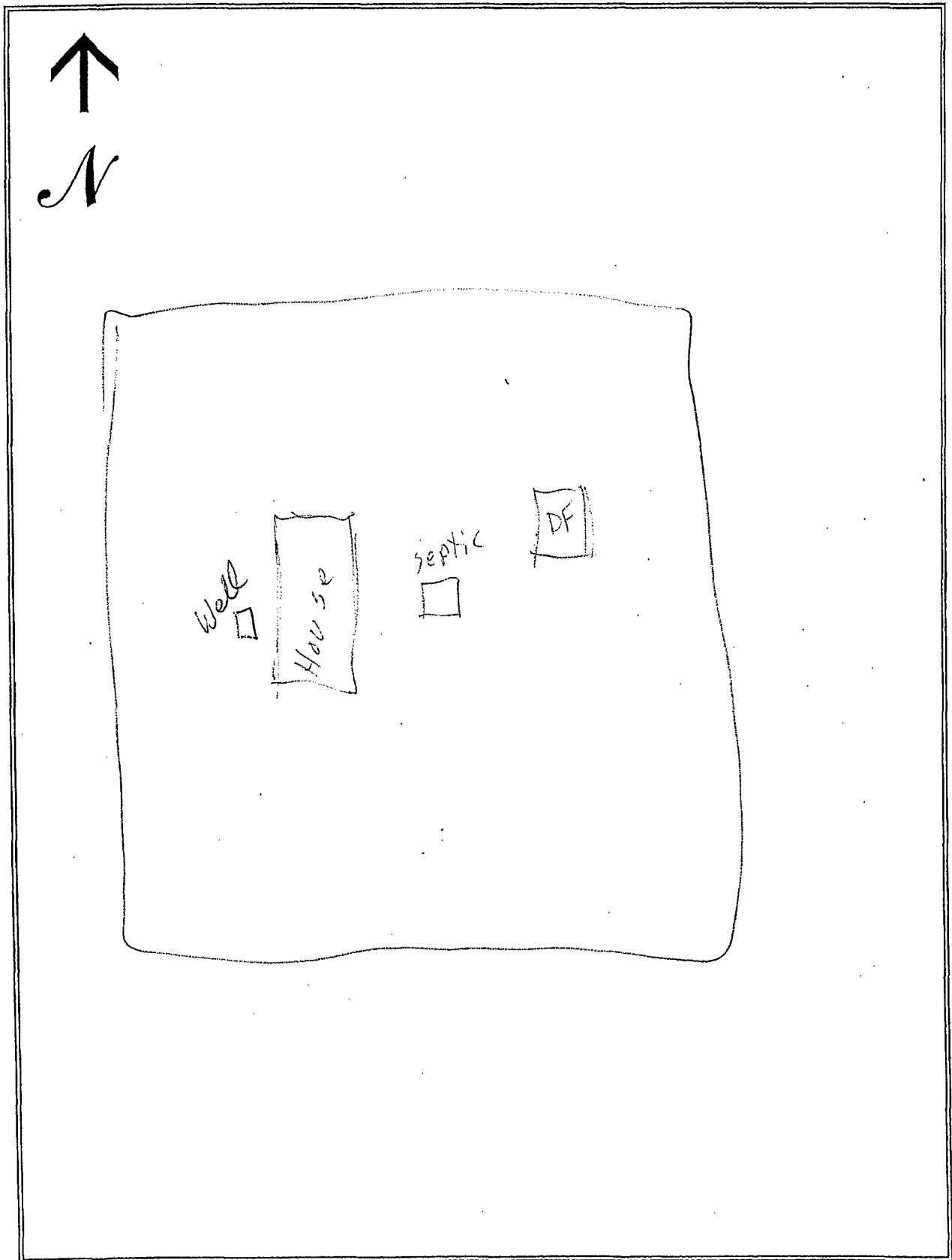
<u>(SEPTIC TANK)</u>	<u>(INGROUND BED)</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
<u>(HOLDING TANK)</u>	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>(SEPTIC TANK)</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 25 Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

<u>(GREEN LUSH GRASS)</u>	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? (YES) or NO How often? 1/yr Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or (NO) When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

154

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Deb + Patrick Sumpman PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 1556 Long Rd.

1. How many people live in your house? 4 SEASONAL / ALL YEAR?
2. How large is your lot? 2/3 Acre
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO  
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

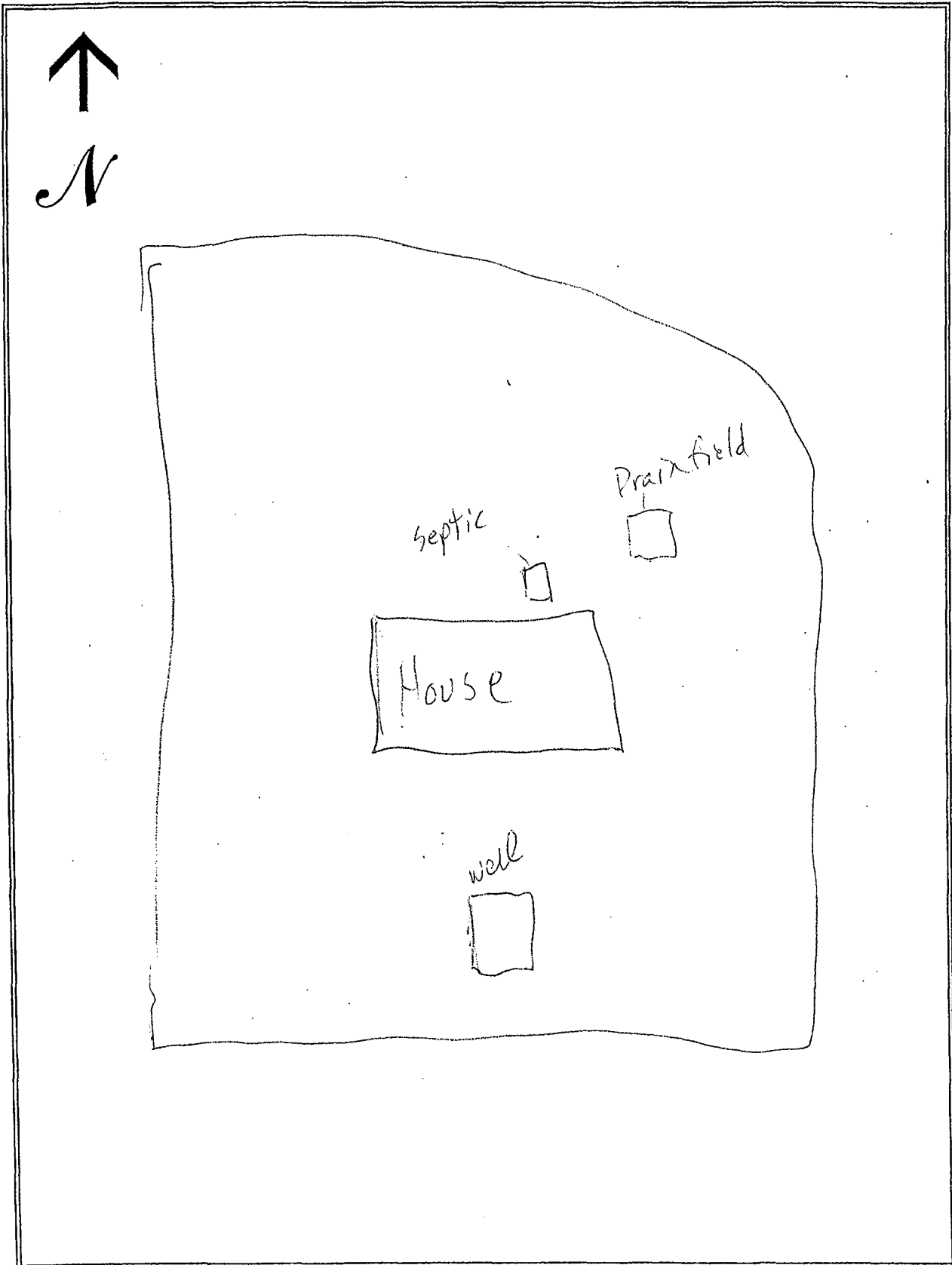
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 23 Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? 3 yrs By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

\_\_\_\_/\_\_\_\_/\_\_\_\_

155

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_\_/\_\_\_\_/\_\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: William + Julia Melore PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 1591 Loop Rd

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? 1/2 Acre
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

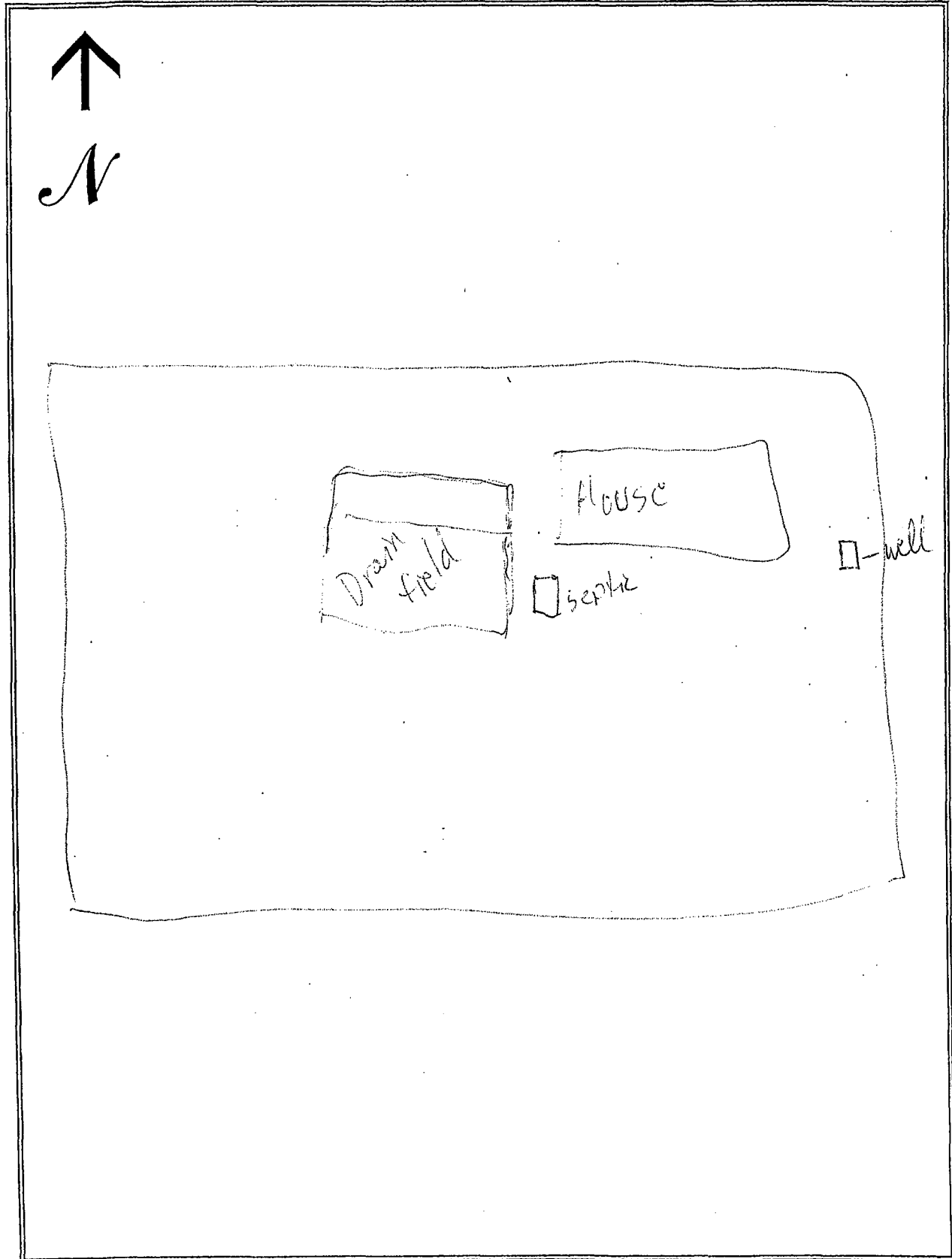
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

1/1/

156

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Samuel + Paige Parks PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 1547 N. Penryn Rd.

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? 1.6 Acres
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP / DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

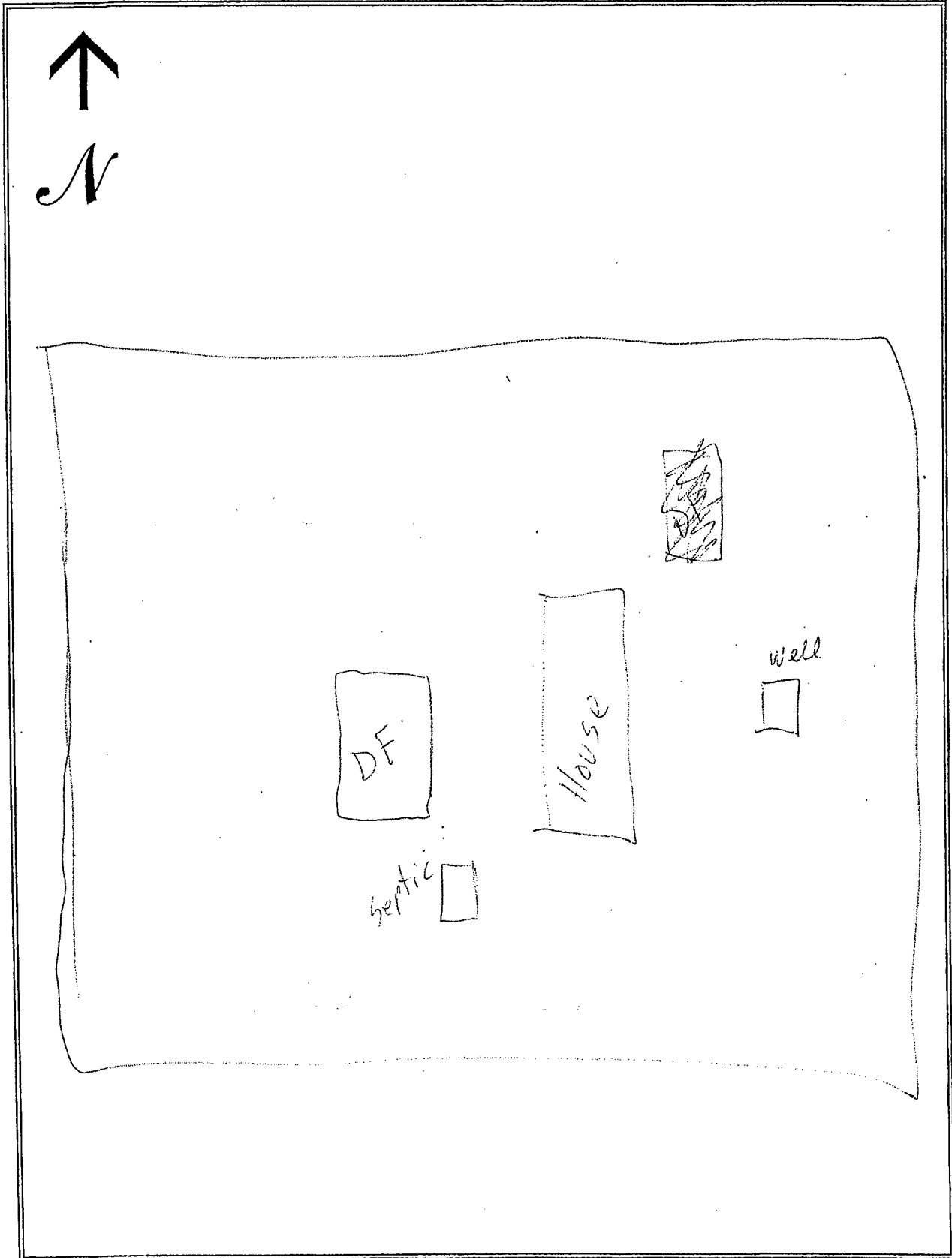
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:



## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

5/21/02

SAMPLE / MAP #

157

PENN (Boro./Twp) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: CHARMAN PHONE: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_

ADDRESS: 1100 NEWPORT RD

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? 13.00
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

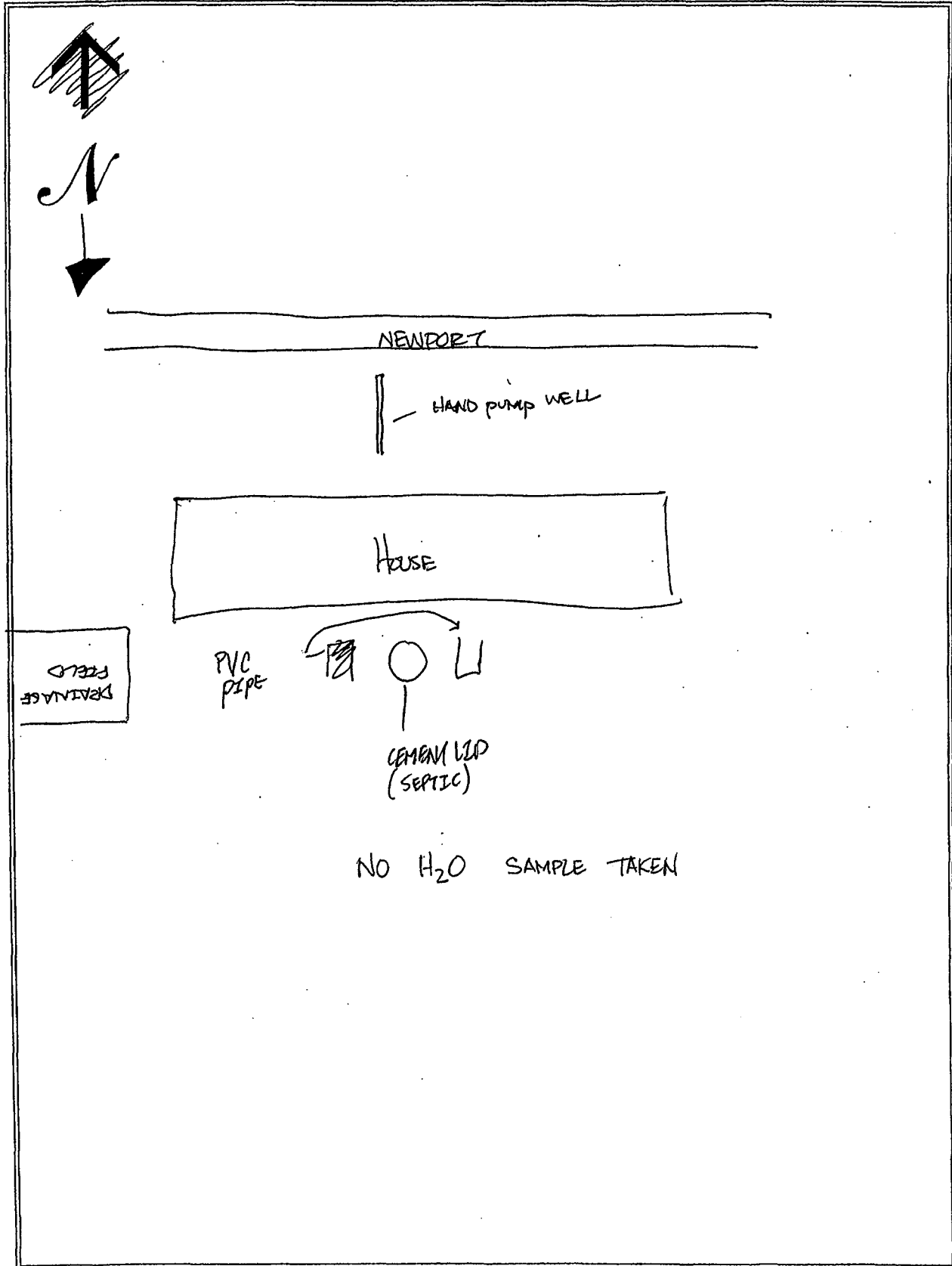
SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

1/1/

158

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: James + Kathryn Shreiner PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 1303 N. Pennyn Rd

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? 14 1/2 Acres
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO  
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

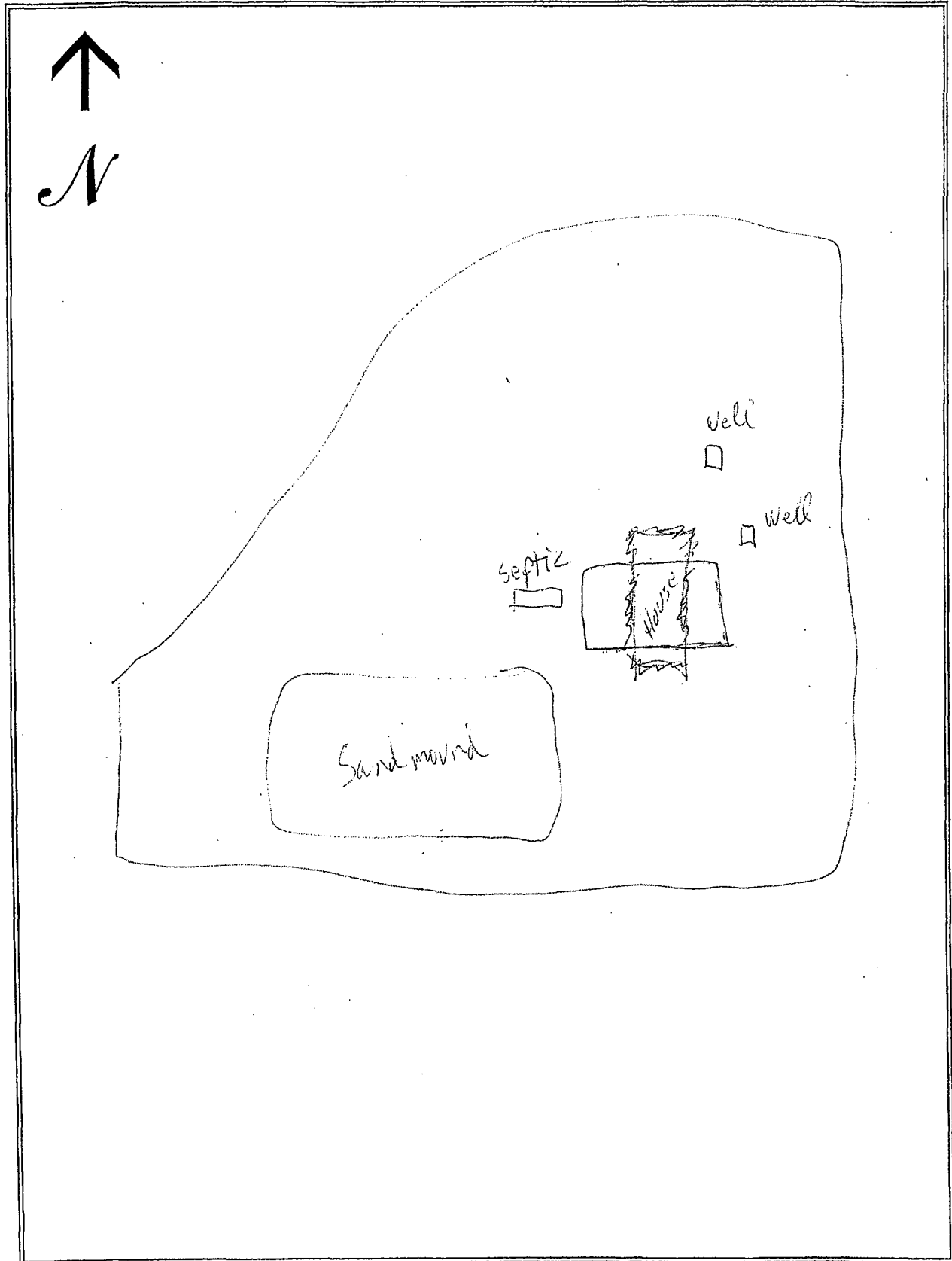
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
<u>OLD WELL</u>	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

5 / 21 / 02

SAMPLE / MAP #

159

PENN (Boro/Twp) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Garman PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 1038 NEWPORT RD

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? 0.50
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? N/A ft. Cased? YES or NO \_\_\_\_\_
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

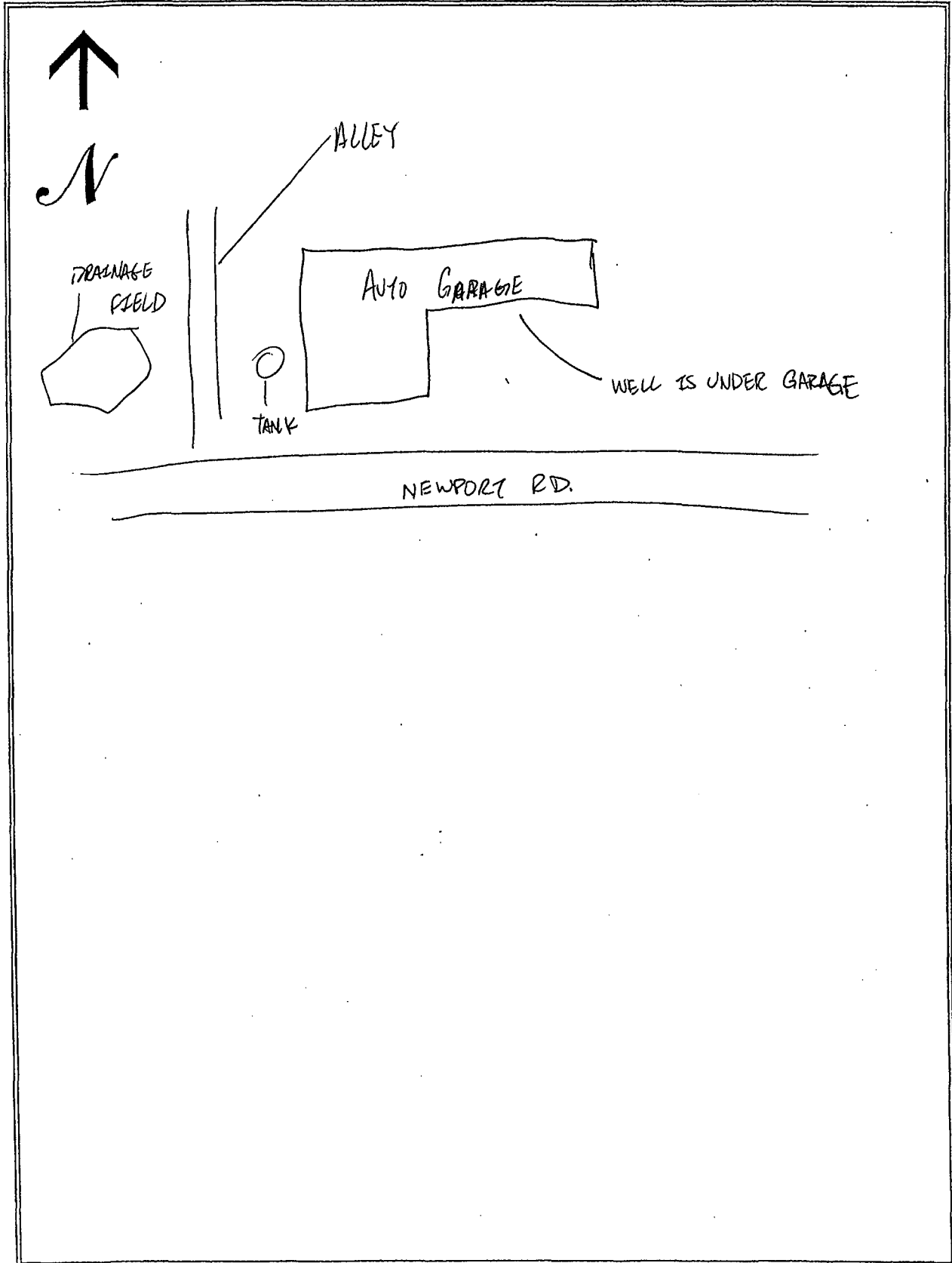
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? > 40 yrs. Was it permitted? Y / N When? N/A
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS	<u>NONE</u>
ODORS	WATER PONDING OR SURFACING	
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME	
SYSTEM OVERFLOW	OTHER _____	
11. Was your system every pumped out? YES or NO How often? N/A Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED \_\_\_\_\_ LINE: REPAIRED/REPLACED \_\_\_\_\_ DRAIN FIELD: REPAIRED/REPLACED \_\_\_\_\_
13. Are there any other sewage problems you are aware of? NO
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

5/21/82

160

PENN (Boro/Twp) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_-\_\_\_\_.  
Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: GARMAN PHONE: (\_\_\_\_) \_\_\_\_-\_\_\_\_  
ADDRESS: 1018 NEWPORT RD

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? 0.30
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

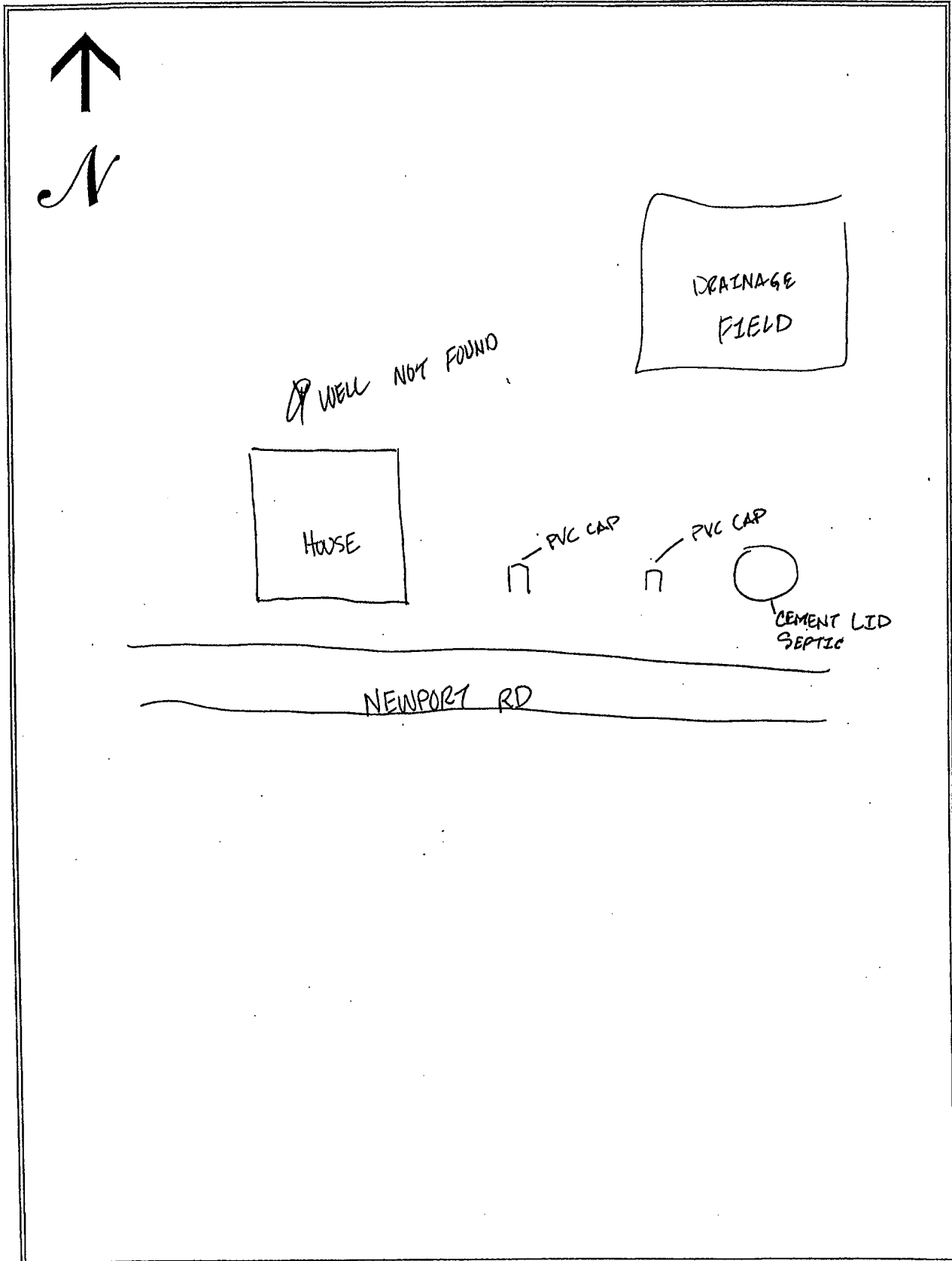
SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:



## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

5 / 21 / 02

161

PENN (Boro/Twp) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: BOWMAN PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 1364 CAROLIN.

1. How many people live in your house? 4 SEASONAL / ALL YEAR?
2. How large is your lot? 0.34
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? 425 ft. Cased? YES or NO  
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? 11 yrs. AGO  
What were the results? CLEAR
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

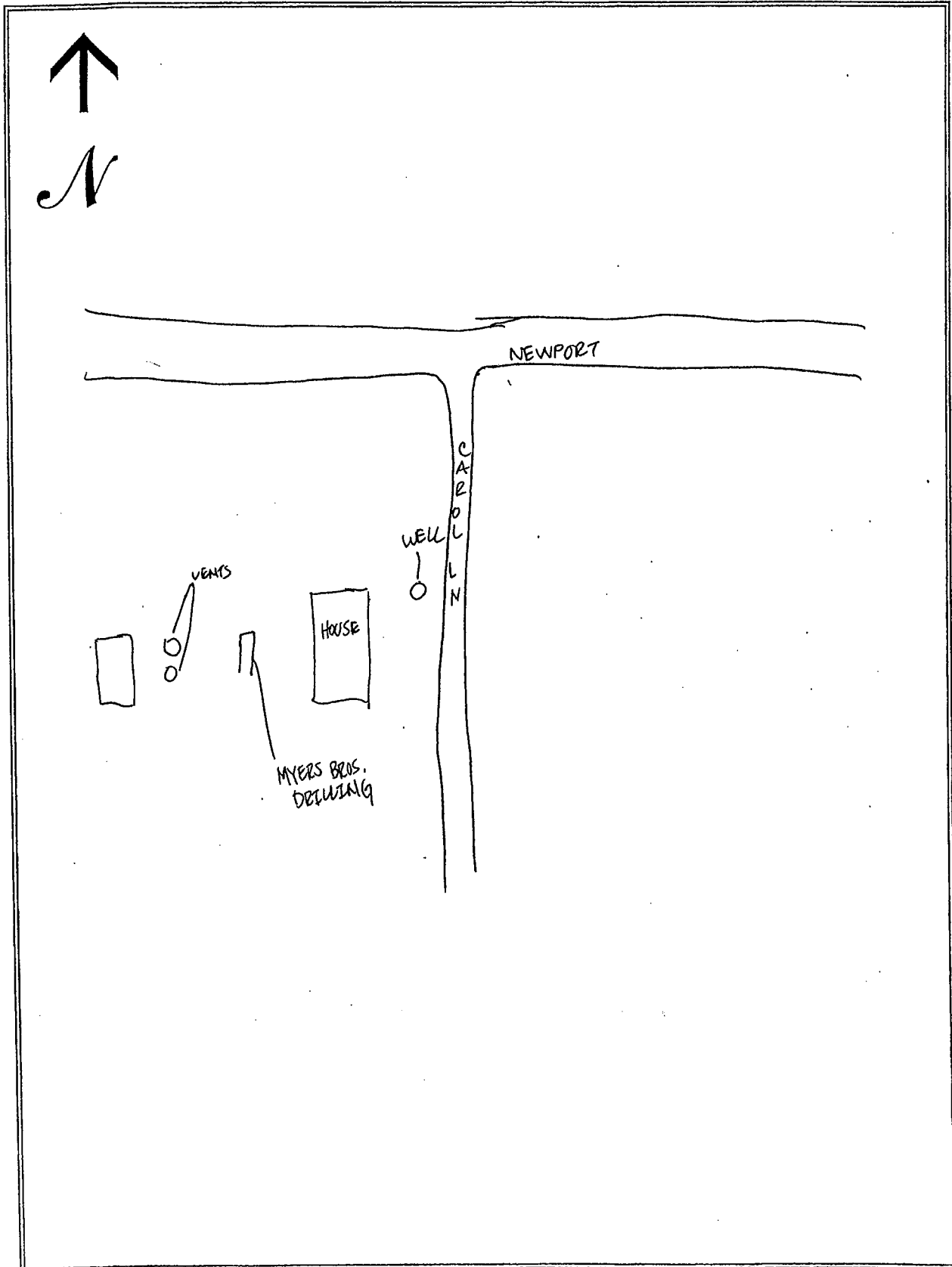
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 11 yrs. Was it permitted? Y/N When? 11 yrs.
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS	<u>NONE</u>
ODORS	WATER PONDING OR SURFACING	
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME	
SYSTEM OVERFLOW	OTHER _____	
11. Was your system every pumped out? YES or NO How often? 3 yrs. Last time? N/A  
If it was pumped, was it inspected for cracks or broken baffles? NO
12. Was your system ever repaired? YES or NO When? NO By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of? NO
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

5/21/02

SAMPLE / MAP #

163

PENN (Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: MICHAEL PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 1334 CAROL LN.

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? 0.38
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

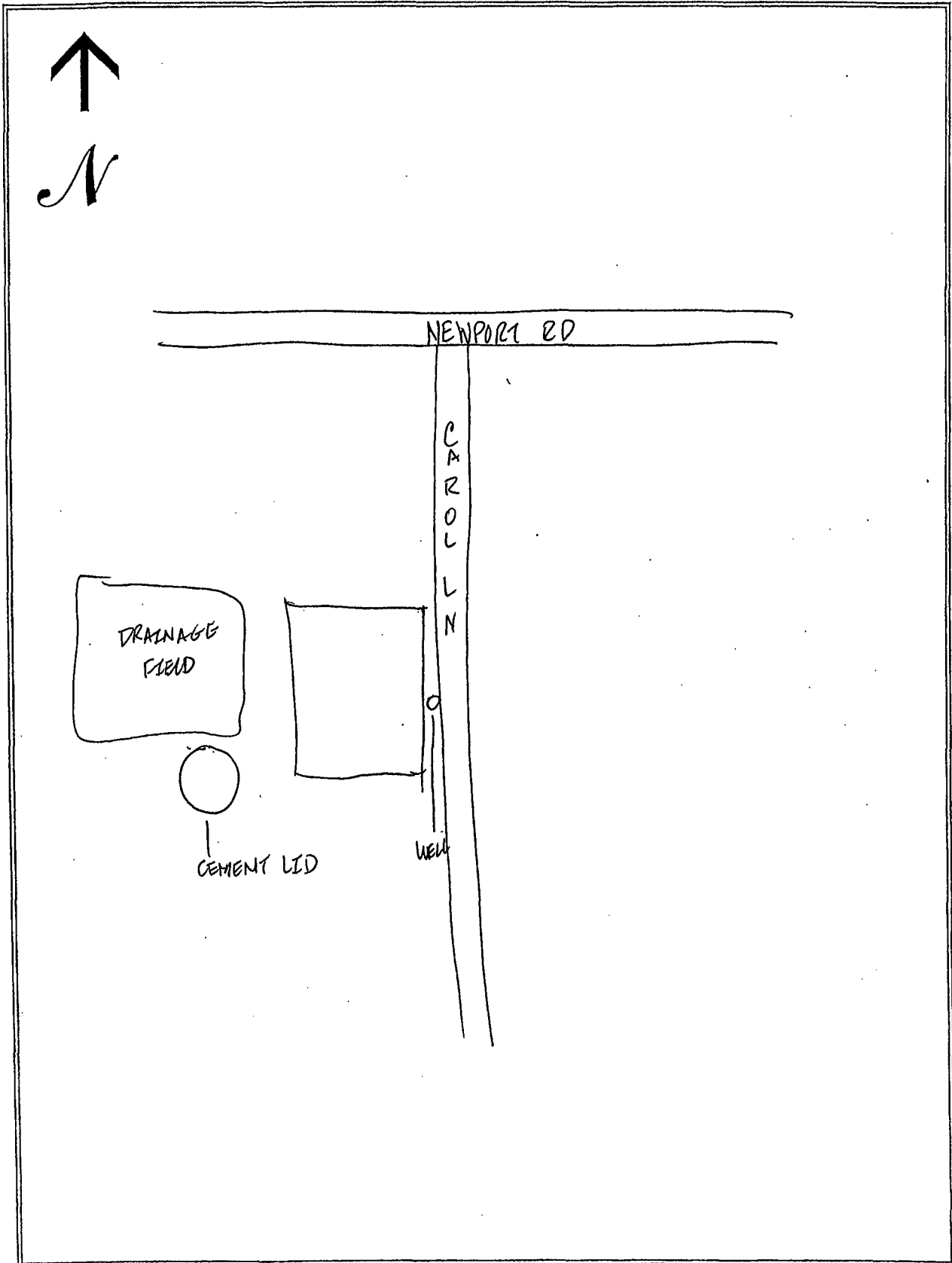
SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



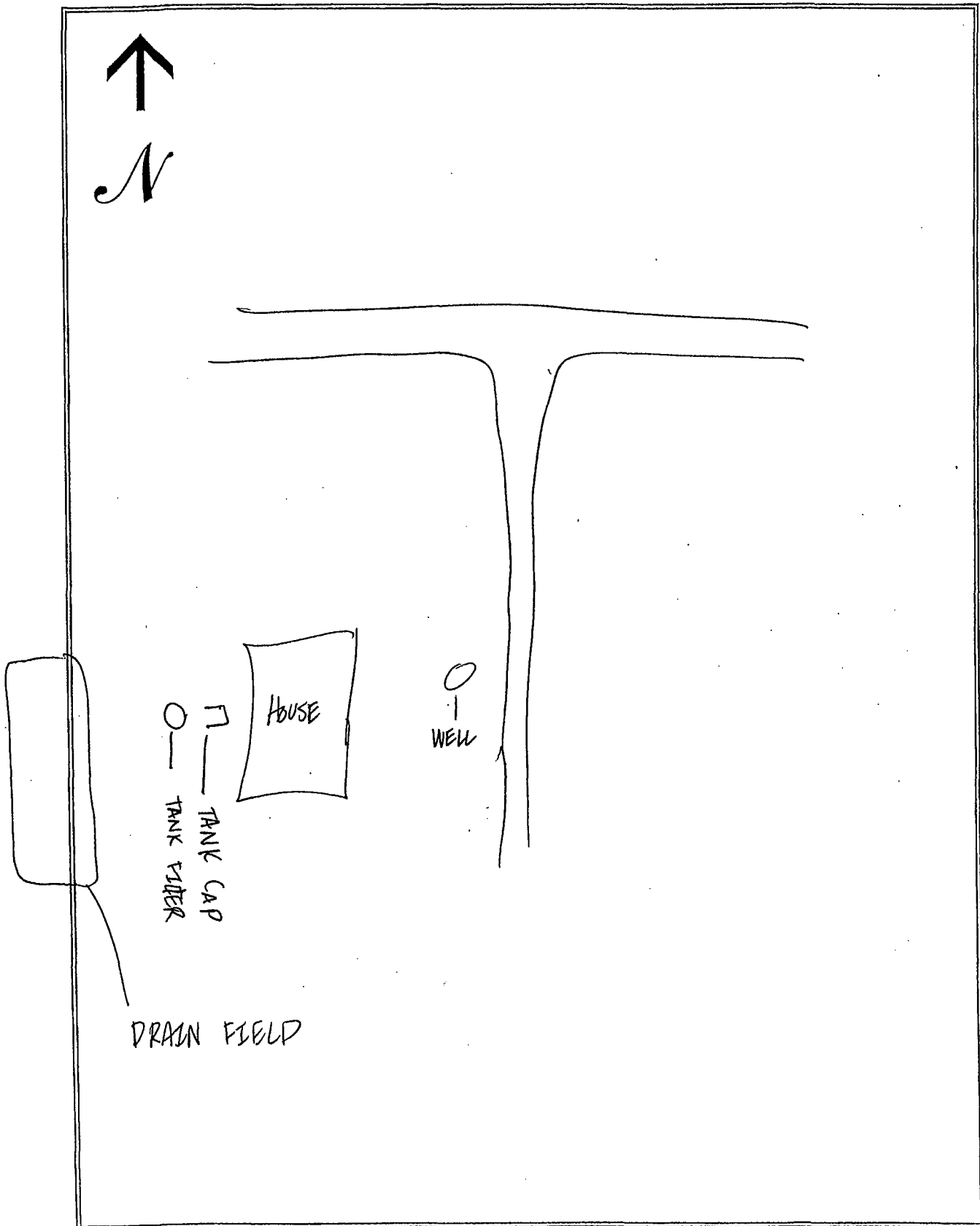
5120102

164

14. COMMENTS:

# LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

5 R1 102

SAMPLE / MAP #

165

PENN (Boro/Twp) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: ~~XXXXXXXXXX~~ FALVEY PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 17104 KIETH LANE

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? 0.34
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

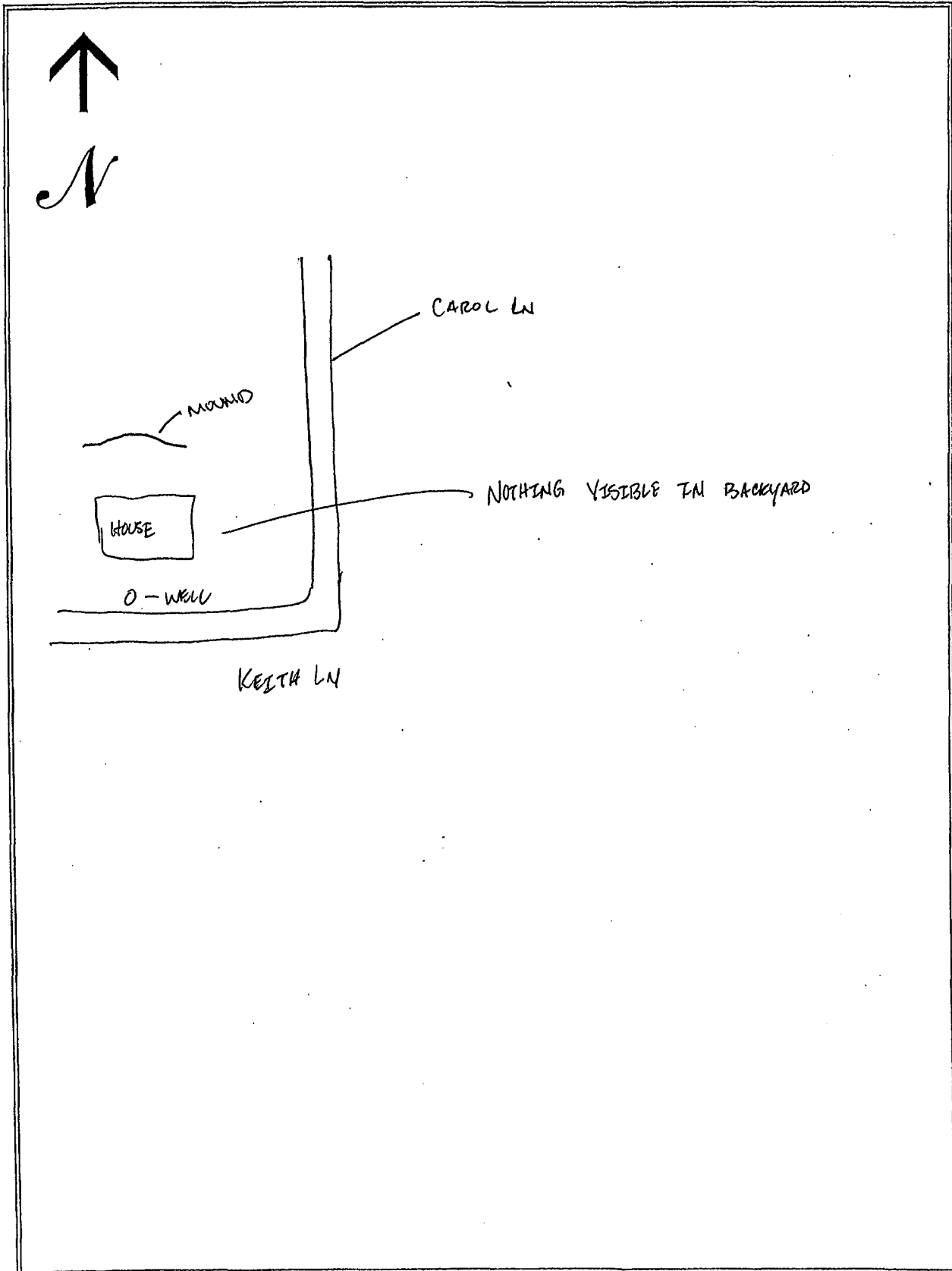
SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:



## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

5/21/02

SAMPLE / MAP #

- 166

PENN (Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: BROWN PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 1735 KEITH LN

1. How many people live in your house? 2 SEASONAL / ALL YEAR?

2. How large is your lot? 0.34

3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_

4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_

Do you treat your water? YES OR NO If yes, how? WATER SOFTENER

If you have a well: Is it DUG or DRILLED? How Deep? N/A ft. Cased? YES or NO

5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_

Have you every had your water tested? YES or NO When? N/A

What were the results? Good

7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)

SEPTIC TANK

INGROUND BED

COMMUNITY SEWER

CESSPOOL

INGROUND TRENCH

STORM SEWER

OLD WELL

ELEVATED SAND MOUND

PIPE TO DITCH

HOLDING TANK

SEEPAGE PIT

PIPE TO STEAM

PRIVY

BORE HOLE

PIPE TO SURFACE

PUBLIC SEWER

OTHER \_\_\_\_\_

8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)

SEPTIC TANK

INGROUND BED

COMMUNITY SEWER

CESSPOOL

INGROUND TRENCH

STORM SEWER

OLD WELL

ELEVATED SAND MOUND

PIPE TO DITCH

HOLDING TANK

SEEPAGE PIT

PIPE TO STEAM

PRIVY

BORE HOLE

PIPE TO SURFACE

PUBLIC SEWER

OTHER \_\_\_\_\_

9. How old is your system? 25 yrs. Was it permitted? Y / N When? \_\_\_\_\_

10. Have you every noticed any of the following near your septic system?

GREEN LUSH GRASS

WETNESS OR SPONGY AREAS

NONE

ODORS

WATER PONDING OR SURFACING

SLUGGISH DRAINS

WASTEWATER BACKING INTO THE HOME

SYSTEM OVERFLOW

OTHER \_\_\_\_\_

11. Was your system every pumped out? YES or NO How often? 3 yrs. Last time? 1999

If it was pumped, was it inspected for cracks or broken baffles? YES

12. Was your system ever repaired? YES or NO When? 5 yrs. By permit? YES / NO

What part was repaired or replaced?

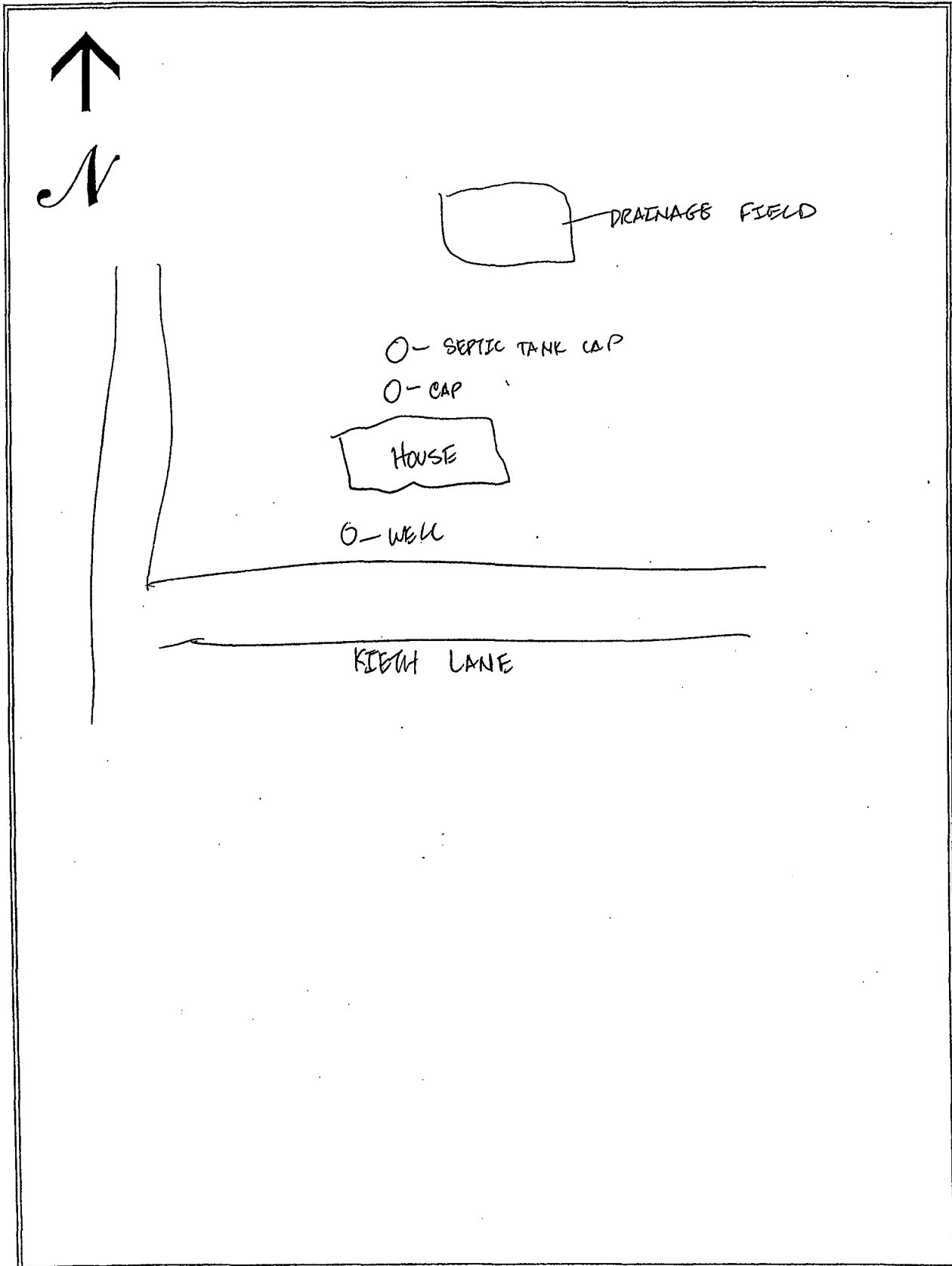
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD REPAIRED/REPLACED

13. Are there any other sewage problems you are aware of? NO

14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

5/21/02

167

PENN (Boro. 167) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by      /      /      to the municipal office at:

If you have any questions please contact      at (      )      -     .

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: LABOTZ PHONE: (      )      -     

ADDRESS: 1291 KAREN AVE

1. How many people live in your house? 1 SEASONAL / ALL YEAR
2. How large is your lot? 0.39
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain:
4. What kind of water system do you have? WELL SPRING? PUBLIC? OTHER?       
Do you treat your water? YES OR NO If yes, how? WATER SOFTENER  
If you have a well: Is it DUG or DRILLED? How Deep? 100-150 ft. Cased? YES or NO  
5. How far is the well or spring from the drain field 70 ft. Is well UP/DOWN SLOPE       
Have you every had your water tested? YES or NO When? 15 yrs.  
What were the results? HIGH NITRATES
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

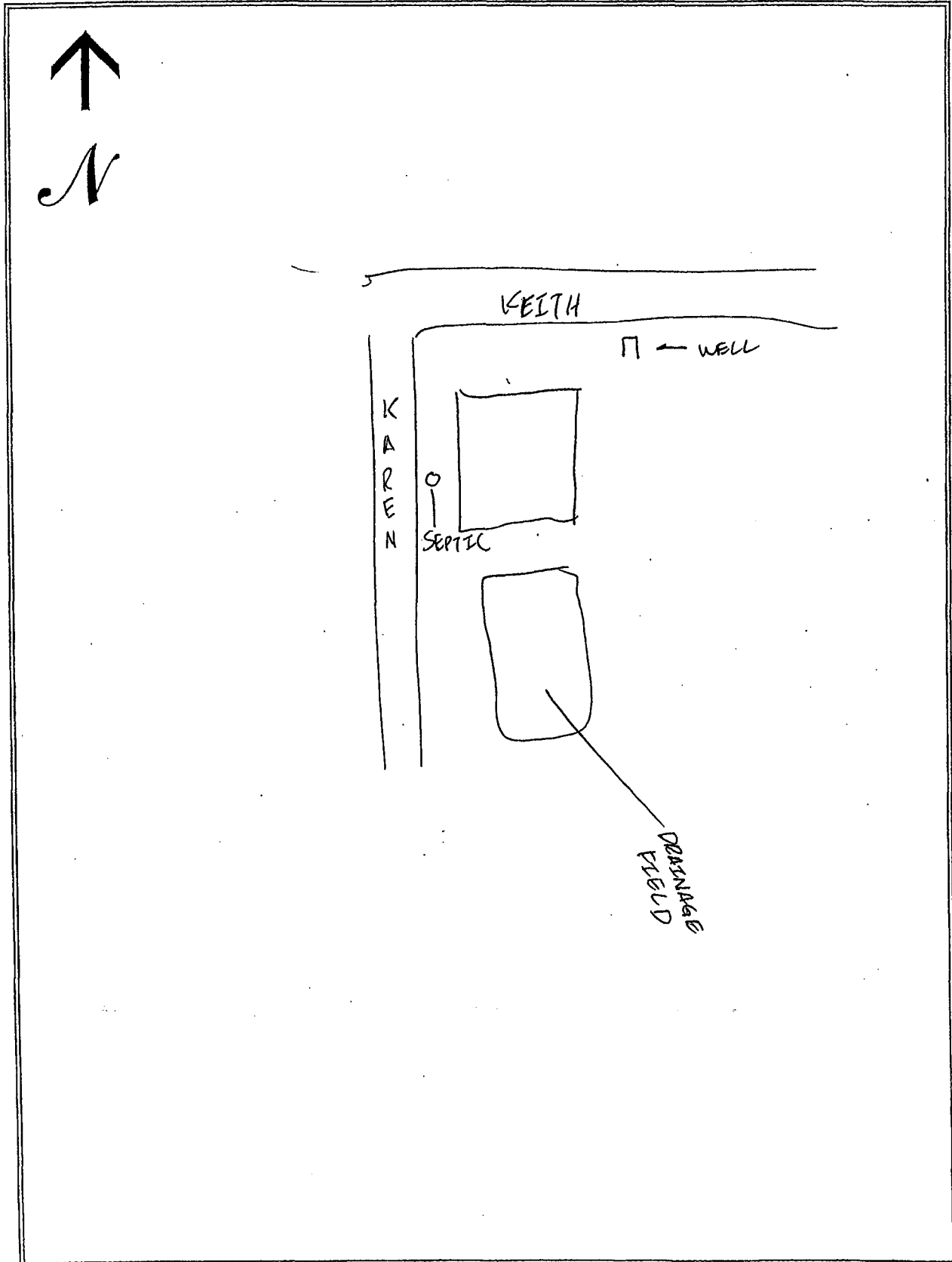
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER <u>    </u>	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER <u>    </u>	
9. How old is your system? 30 yrs. Was it permitted? Y N When? 30 yrs.
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS - <u>SULFUR, GOES AWAY AFTER INITIAL OPENING</u>	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER <u>    </u>
11. Was your system every pumped out? YES or NO How often? 3 yrs. Last time? 2001  
If it was pumped, was it inspected for cracks or broken baffles? NO
12. Was your system ever repaired? YES or NO When?      By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of? NO
14. COMMENTS:

# LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

1/1

168

Penn (Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by 1/1/ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: John Ruoss PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 1279 Karon Ave

- How many people live in your house? 2 SEASONAL / ALL YEAR?
- How large is your lot? .50 acres
- Do you have more than one sewage system on your lot? YES or (NO)  
If yes, explain: \_\_\_\_\_
- What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? desludger and RO for drinking water  
If you have a well: Is it DUG or DRILLED? How Deep? 120 ft. Cased? YES or NO
- How far is the well or spring from the drain field 200 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? fifteen years ago  
What were the results? \_\_\_\_\_
- What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

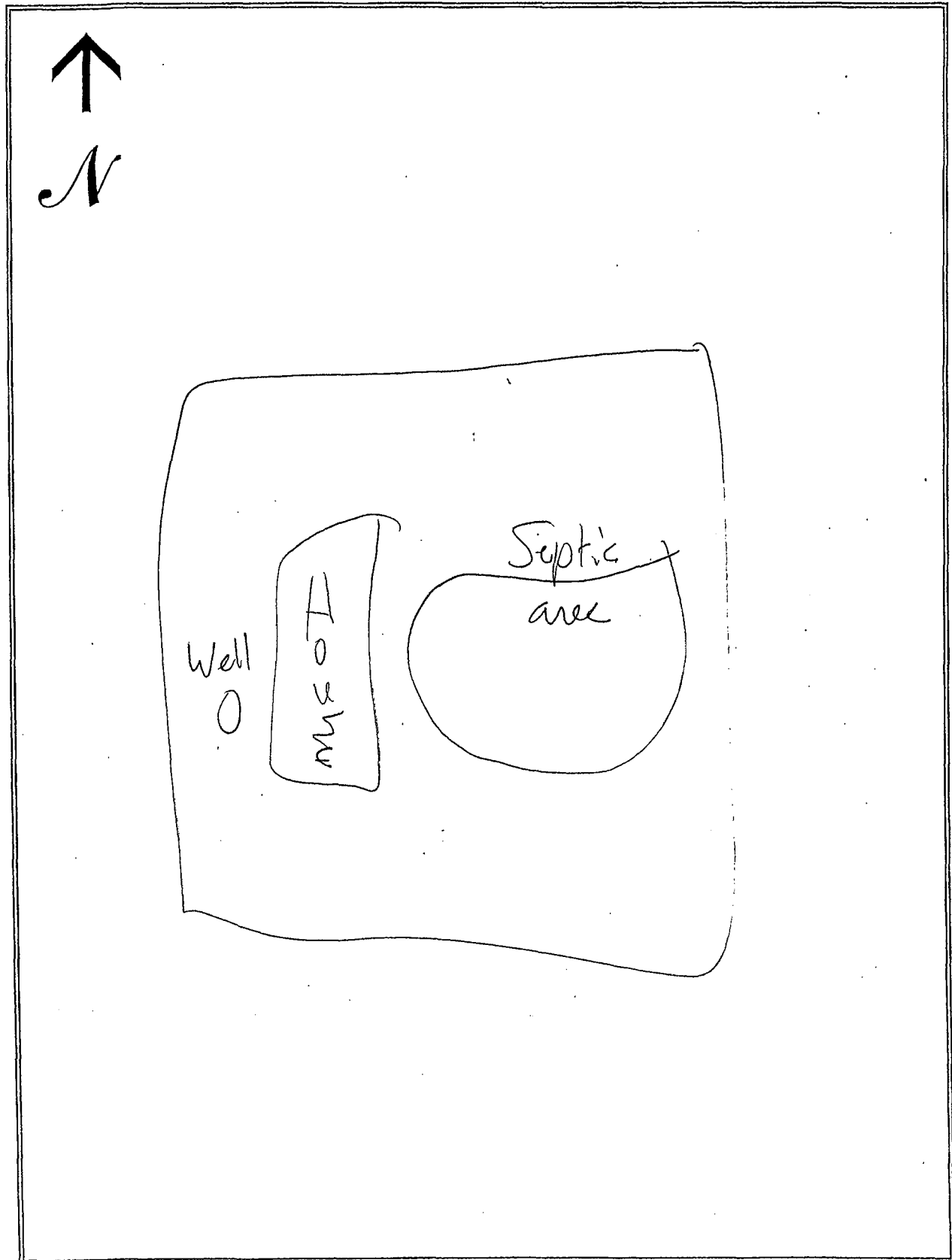
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
- Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
- How old is your system? 10yr Was it permitted? (Y) N When? \_\_\_\_\_
- Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
- Was your system every pumped out? YES or NO How often? 3yr Last time? one year ago  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
- Was your system ever repaired? YES or NO When? New drain field By permit? (YES) NO  
What part was repaired or replaced? 1000 gallon  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
- Are there any other sewage problems you are aware of?
- COMMENTS:

# LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

\_\_\_\_/\_\_\_\_/\_\_\_\_

169

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_\_/\_\_\_\_/\_\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_-\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Jeff Conway PHONE: (\_\_\_\_) \_\_\_\_-\_\_\_\_

ADDRESS: 1267 CHRISTINE LAWS

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? \_\_\_\_\_
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field 10 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

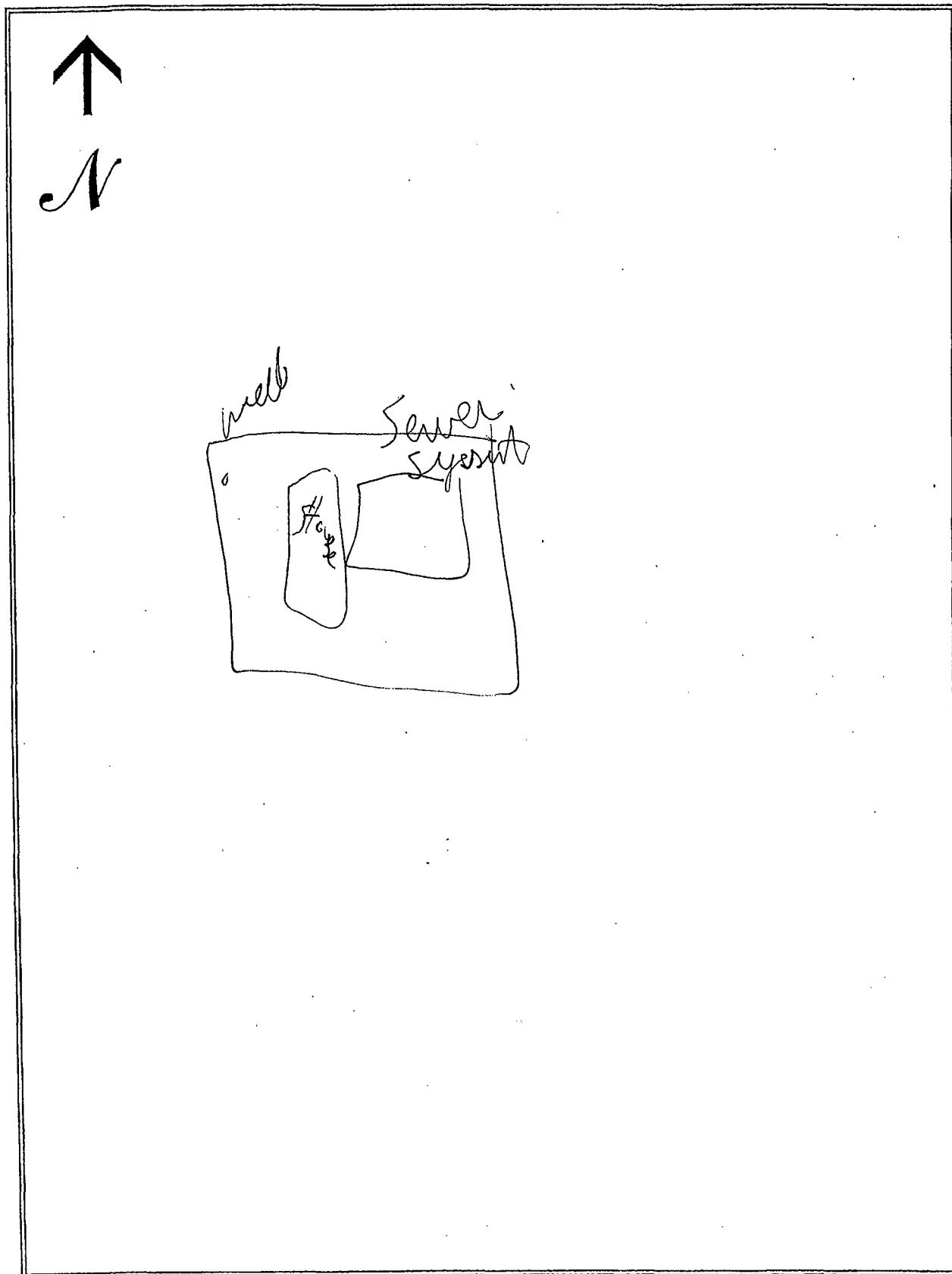
SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:



# LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

\_\_\_\_/\_\_\_\_/\_\_\_\_

100

\_\_\_\_ (Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_\_/\_\_\_\_/\_\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: DAVID STORMFELTZ PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 1278 CHURCH LANE

1. How many people live in your house? 2 SEASONAL / ALL YEAR?
2. How large is your lot? 1 acre
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO  
5. How far is the well or spring from the drain field 200 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? good
7. What kind of sewage system do you have? (CIRCLE ALL THAT APPLY)  

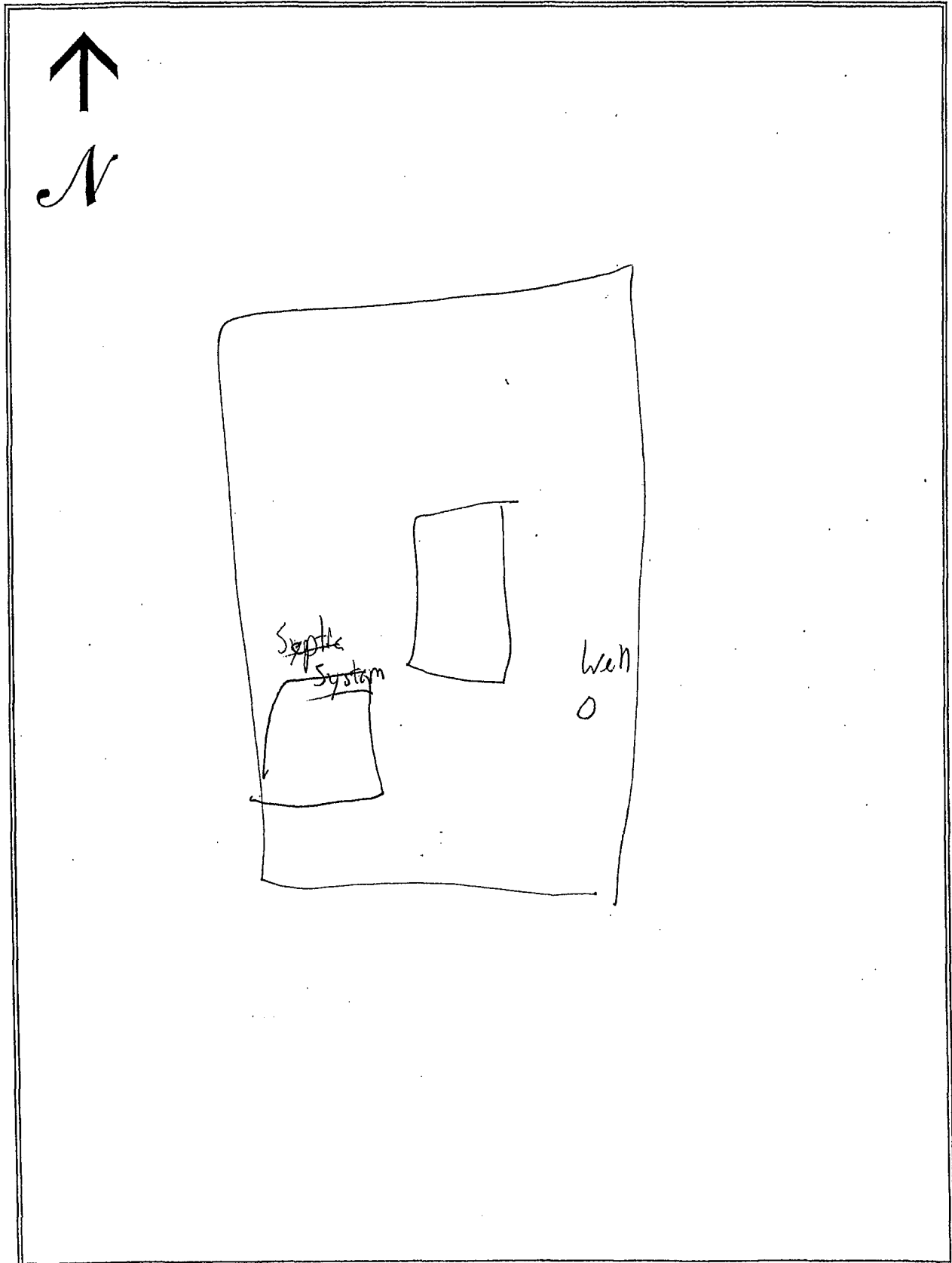
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 29 yrs Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? once Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

\_\_\_\_/\_\_\_\_/\_\_\_\_

171

\_\_\_\_ (Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_\_/\_\_\_\_/\_\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_-\_\_\_\_.  
Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Daryl Brown PHONE: (\_\_\_\_) \_\_\_\_-\_\_\_\_  
ADDRESS: 1279 C ARL LANE

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? \_\_\_\_\_
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

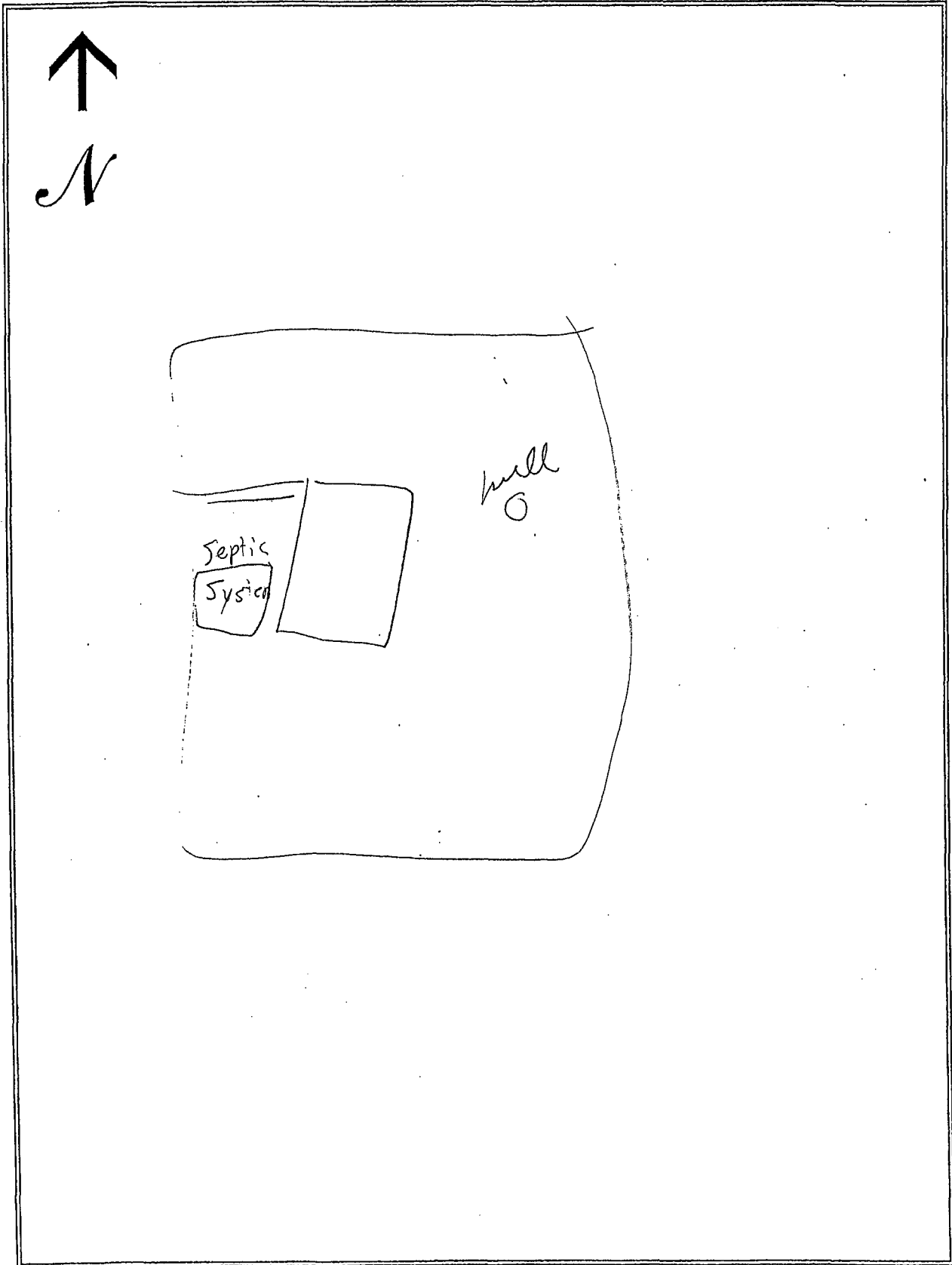
SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

172

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Michael Keller PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 1169 E Meadow Rd

1. How many people live in your house? 4 SEASONAL / ALL YEAR?
2. How large is your lot? 5 acres
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: Replace old filter
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field 80 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

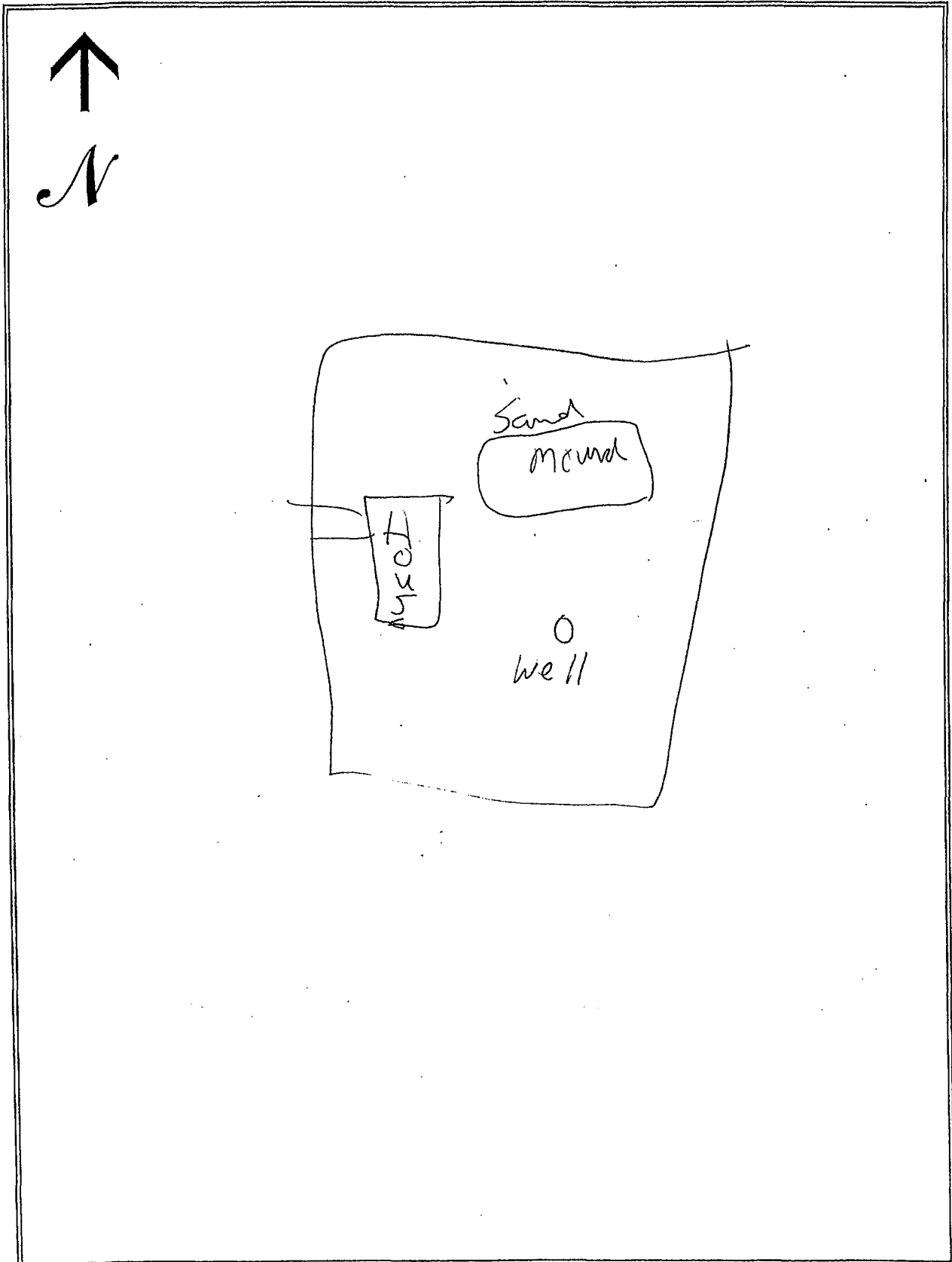
<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	<u>INGROUND TRENCH</u>	STORM SEWER
OLD WELL	<u>ELEVATED SAND MOUND</u>	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	<u>INGROUND TRENCH</u>	STORM SEWER
OLD WELL	<u>ELEVATED SAND MOUND</u>	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 2 yrs Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? Never spent By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

173

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Lester Mease PHONE: (\_\_\_\_) \_\_\_\_\_  
ADDRESS: 1102 E. Meadow Rd.

1. How many people live in your house? 2 SEASONAL / ALL YEAR?
2. How large is your lot? .5 acres
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? 120 ft. Cased? YES or NO  
5. How far is the well or spring from the drain field 200 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
<u>CESSPOOL</u>	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

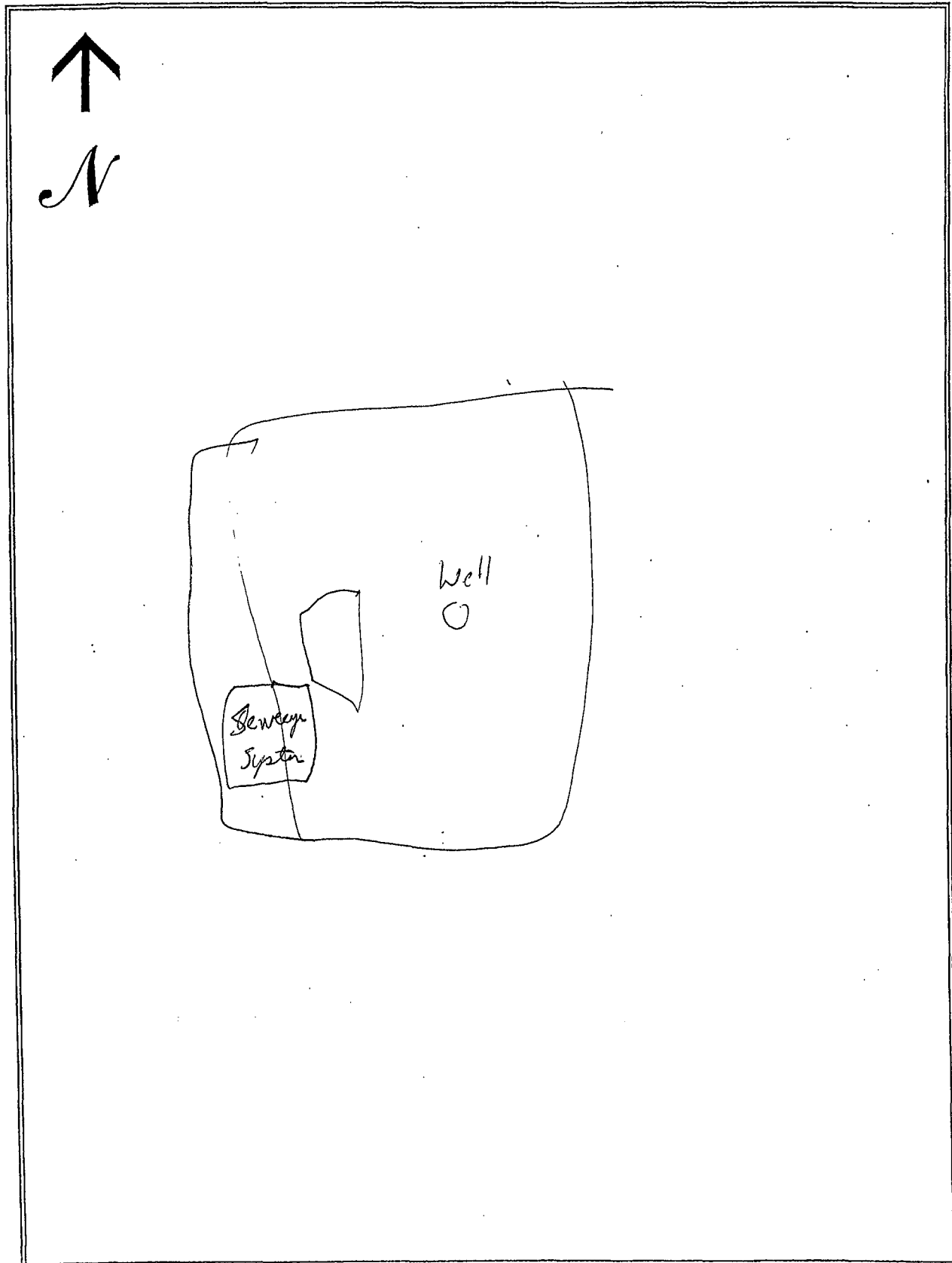
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
<u>CESSPOOL</u>	<u>INGROUND TRENCH</u>	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 20 yrs Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? 2 yrs Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:



LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

1/1/

174

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by 1/1/ to the municipal office at:

If you have any questions please contact at ( ) - .

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: George May PHONE: ( ) -

ADDRESS: 642 Walnut Drive

1. How many people live in your house? 3 SEASONAL ALL YEAR?

2. How large is your lot? 1 acre

3. Do you have more than one sewage system on your lot? YES or NO

If yes, explain: \_\_\_\_\_

4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_

Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_

If you have a well: Is it DUG or DRILLED? How Deep? 300 ft. Cased? YES or NO

5. How far is the well or spring from the drain field 250 ft. Is well UP/DOWN SLOPE \_\_\_\_\_

Have you every had your water tested? YES or NO When? \_\_\_\_\_

What were the results? \_\_\_\_\_

7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)

SEPTIC TANK  
CESSPOOL  
OLD WELL  
HOLDING TANK  
PRIVY  
PUBLIC SEWER

INGROUND BED  
INGROUND TRENCH  
ELEVATED SAND MOUND  
SEEPAGE PIT  
BORE HOLE  
OTHER \_\_\_\_\_

COMMUNITY SEWER  
STORM SEWER  
PIPE TO DITCH  
PIPE TO STEAM  
PIPE TO SURFACE

8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)

SEPTIC TANK  
CESSPOOL  
OLD WELL  
HOLDING TANK  
PRIVY  
PUBLIC SEWER

INGROUND BED  
INGROUND TRENCH  
ELEVATED SAND MOUND  
SEEPAGE PIT  
BORE HOLE  
OTHER \_\_\_\_\_

COMMUNITY SEWER  
STORM SEWER  
PIPE TO DITCH  
PIPE TO STEAM  
PIPE TO SURFACE

9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_

10. Have you every noticed any of the following near your septic system?

GREEN LUSH GRASS  
ODORS  
SLUGGISH DRAINS  
SYSTEM OVERFLOW

WETNESS OR SPONGY AREAS  
WATER PONDING OR SURFACING  
WASTEWATER BACKING INTO THE HOME  
OTHER \_\_\_\_\_

11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_

If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_

12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO

What part was repaired or replaced?

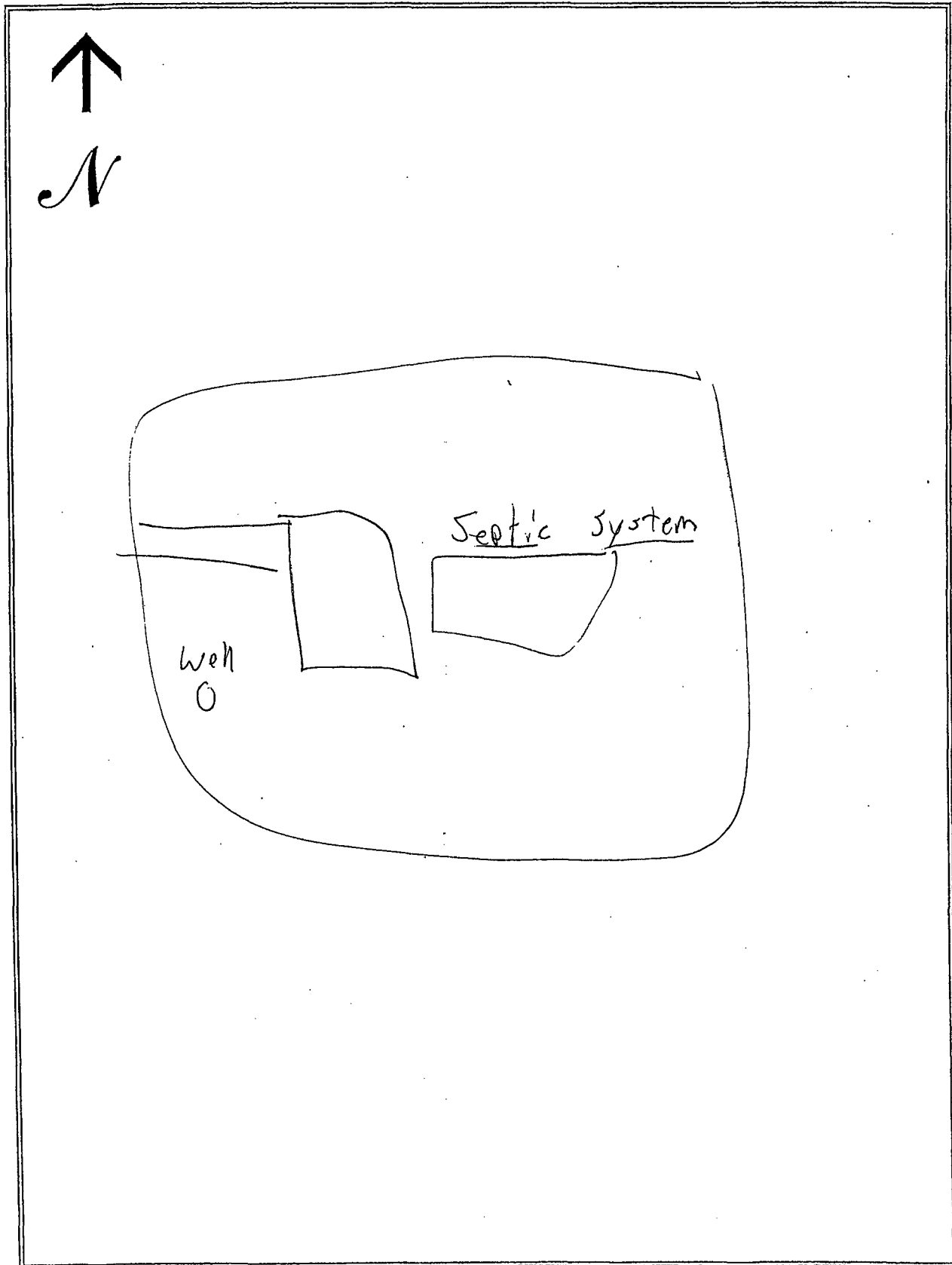
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED

13. Are there any other sewage problems you are aware of?

14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

\_\_\_\_/\_\_\_\_/\_\_\_\_

175

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_\_/\_\_\_\_/\_\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: James Sherk PHONE: (\_\_\_\_) \_\_\_\_-\_\_\_\_

ADDRESS: 670 Walnut Dr.

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? 35 acres
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field 150 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

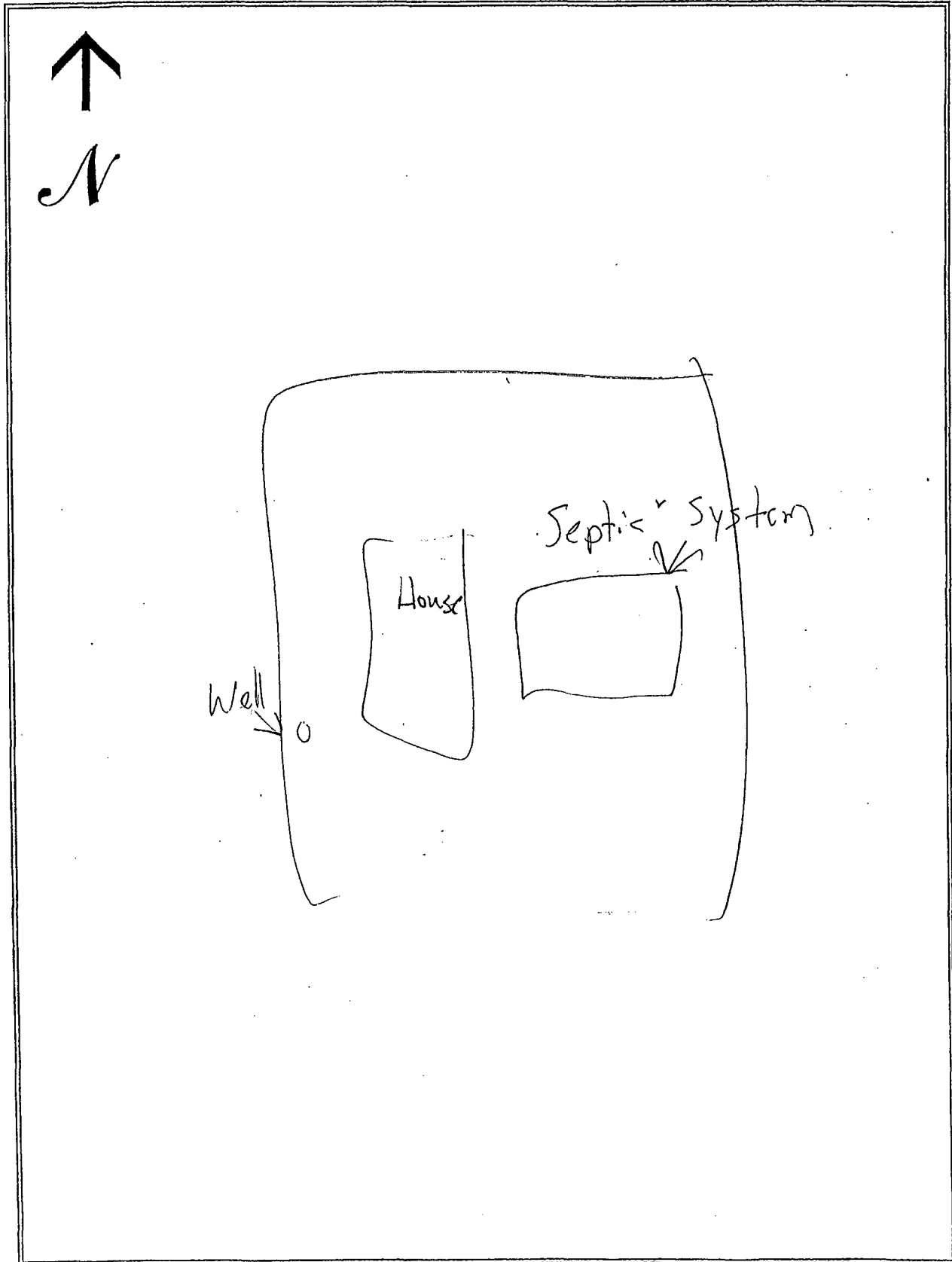
SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

<u>GREEN LUSH GRASS</u>	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE/MAP #

176

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: John McGinty PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 680 Walnut Drive

- How many people live in your house? 7 SEASONAL / ALL YEAR?
- How large is your lot? 1 acre
- Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
- What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? Softner  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
- How far is the well or spring from the drain field 250 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? No bacteria
- What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

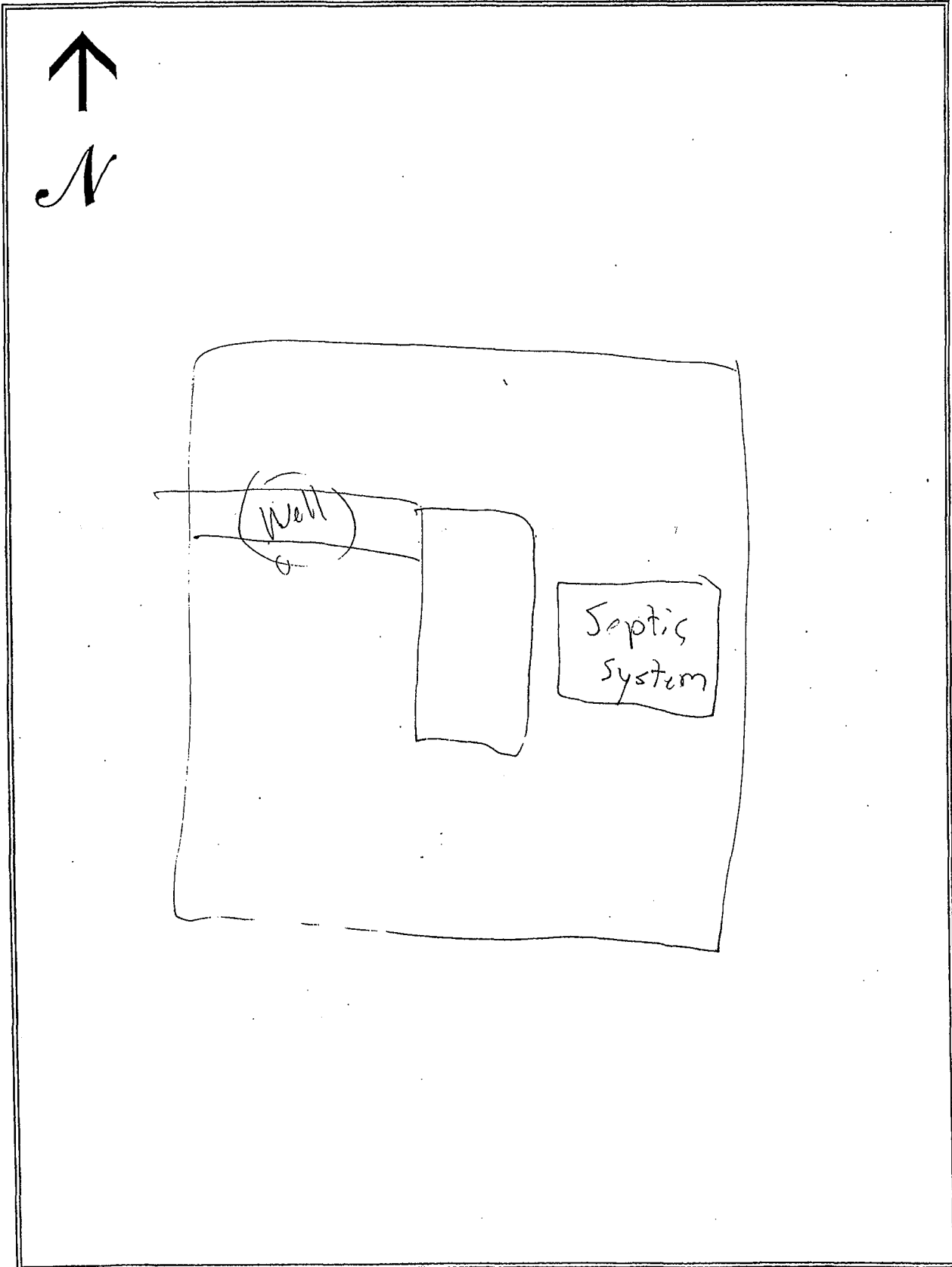
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
- Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
- How old is your system? 6.5 yr Was it permitted? Y / N When? \_\_\_\_\_
- Have you every noticed any of the following near your septic system?  

<u>GREEN LUSH GRASS</u>	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
- Was your system every pumped out? YES or NO How often? 2 yr Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
- Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
- Are there any other sewage problems you are aware of?
- COMMENTS: water has a sulfur smell to it

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

\_\_\_\_/\_\_\_\_/\_\_\_\_

177

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_\_/\_\_\_\_/\_\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: John Shank PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 686 Walnut Drive.

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? .46 acres
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field 200 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

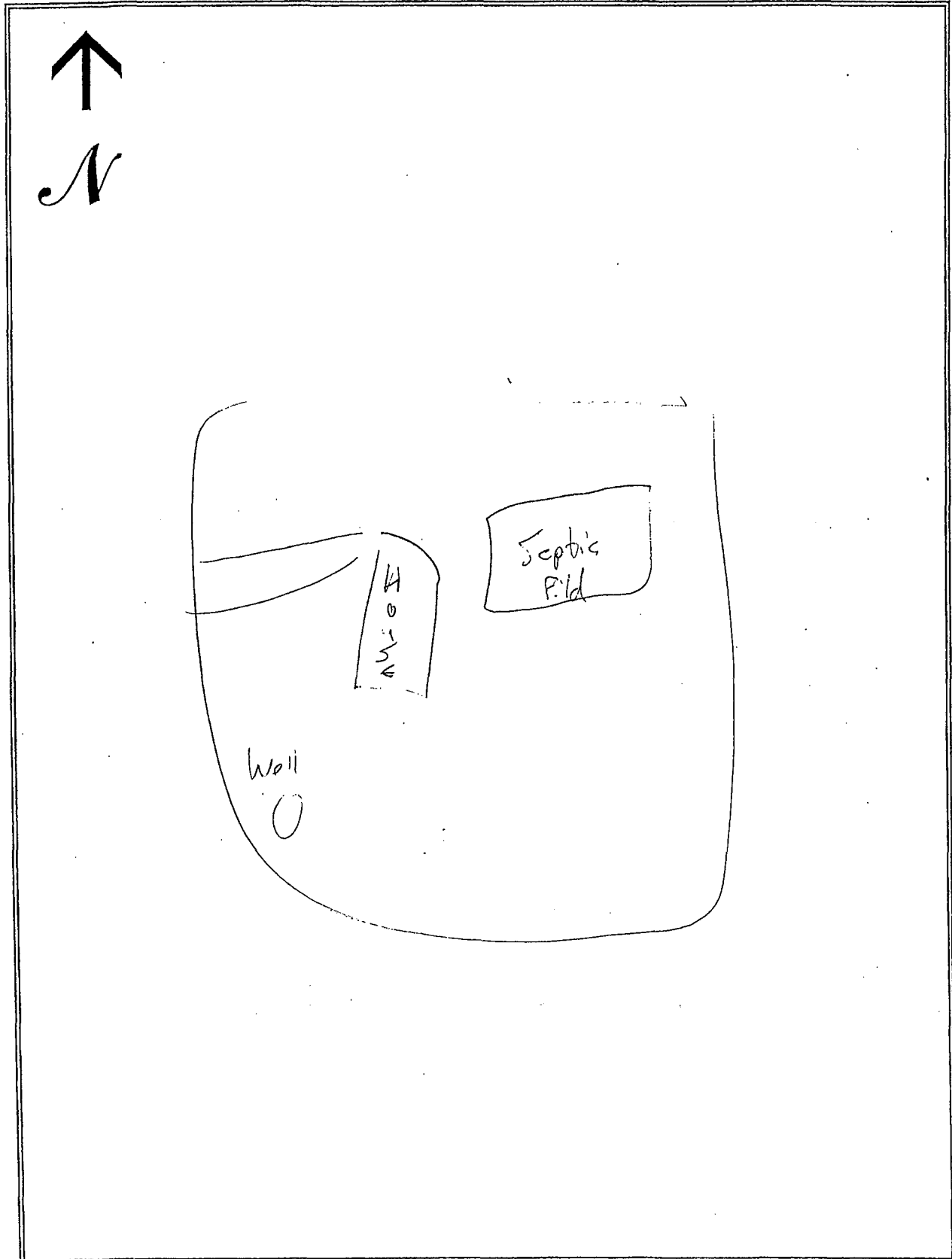
SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:



## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

\_\_\_\_/\_\_\_\_/\_\_\_\_

178

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_\_/\_\_\_\_/\_\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Michael Horvath PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 694 Walnut Drive

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? \_\_\_\_\_
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field 150 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system do you have? (CIRCLE ALL THAT APPLY)
 

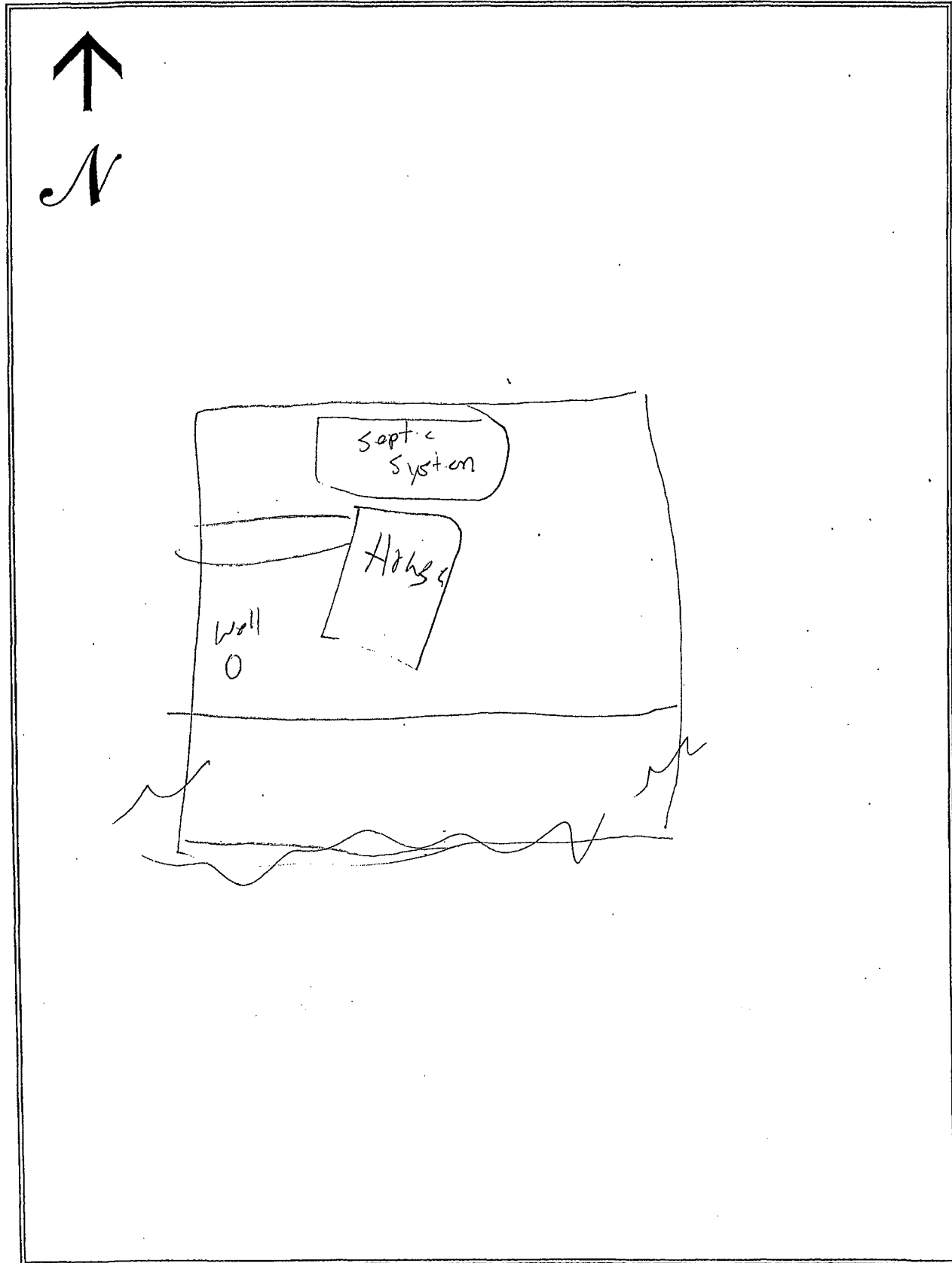
SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

179

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Scott Martin PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 683 Walnut Drive

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? \_\_\_\_\_
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field 100 ft. Is well UP/DOWNSLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

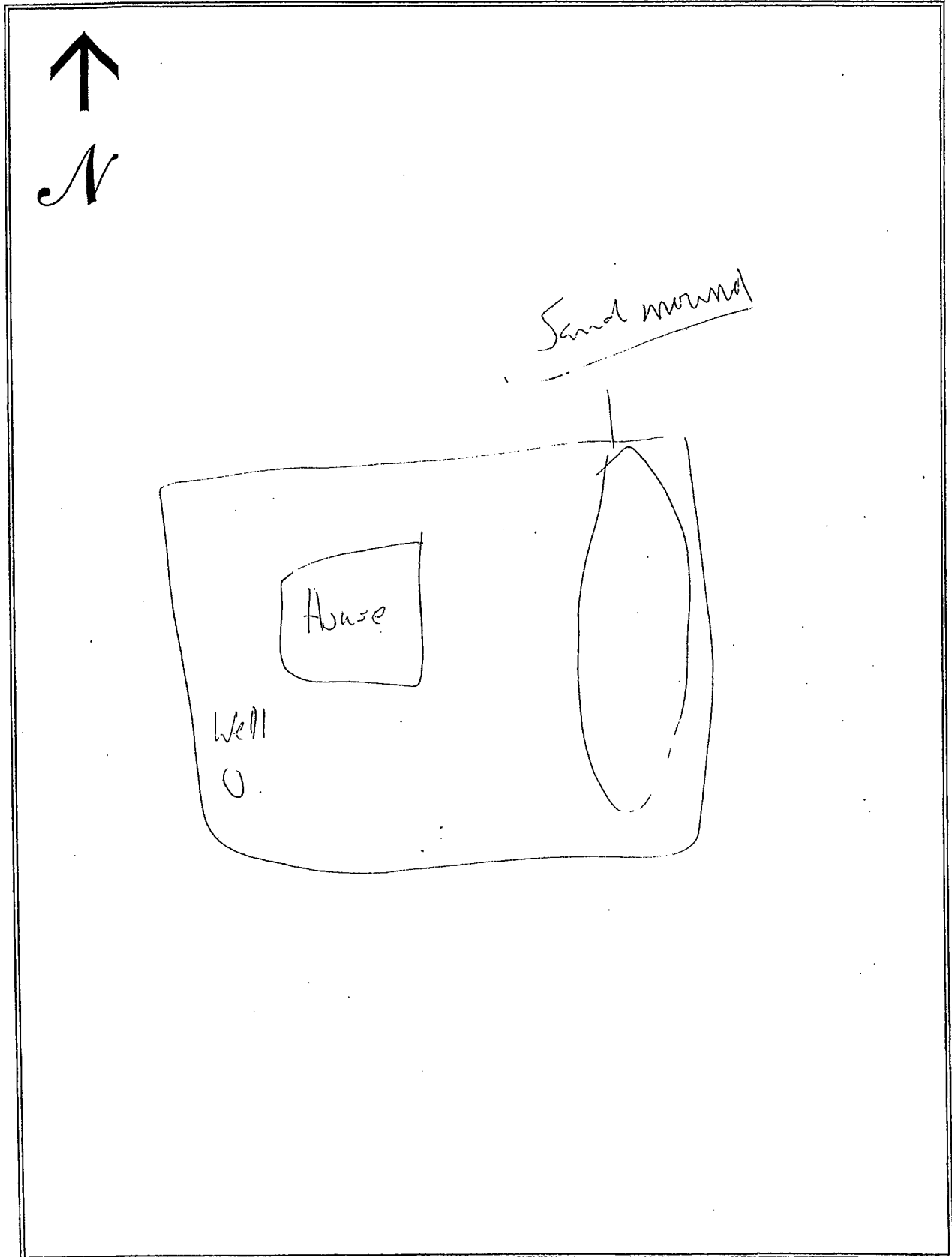
<input checked="" type="checkbox"/> SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
<input checked="" type="checkbox"/> CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	<input checked="" type="checkbox"/> ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

<input checked="" type="checkbox"/> SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
<input checked="" type="checkbox"/> CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

\_\_\_\_/\_\_\_\_/\_\_\_\_

180

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_\_/\_\_\_\_/\_\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: CAROL FREDERICK PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 1062 Bickerton Ct

- How many people live in your house? 4 SEASONAL / ALL YEAR?
- How large is your lot? .75 acres
- Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
- What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? 300 ft. Cased? YES or NO
- How far is the well or spring from the drain field 100 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
- What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

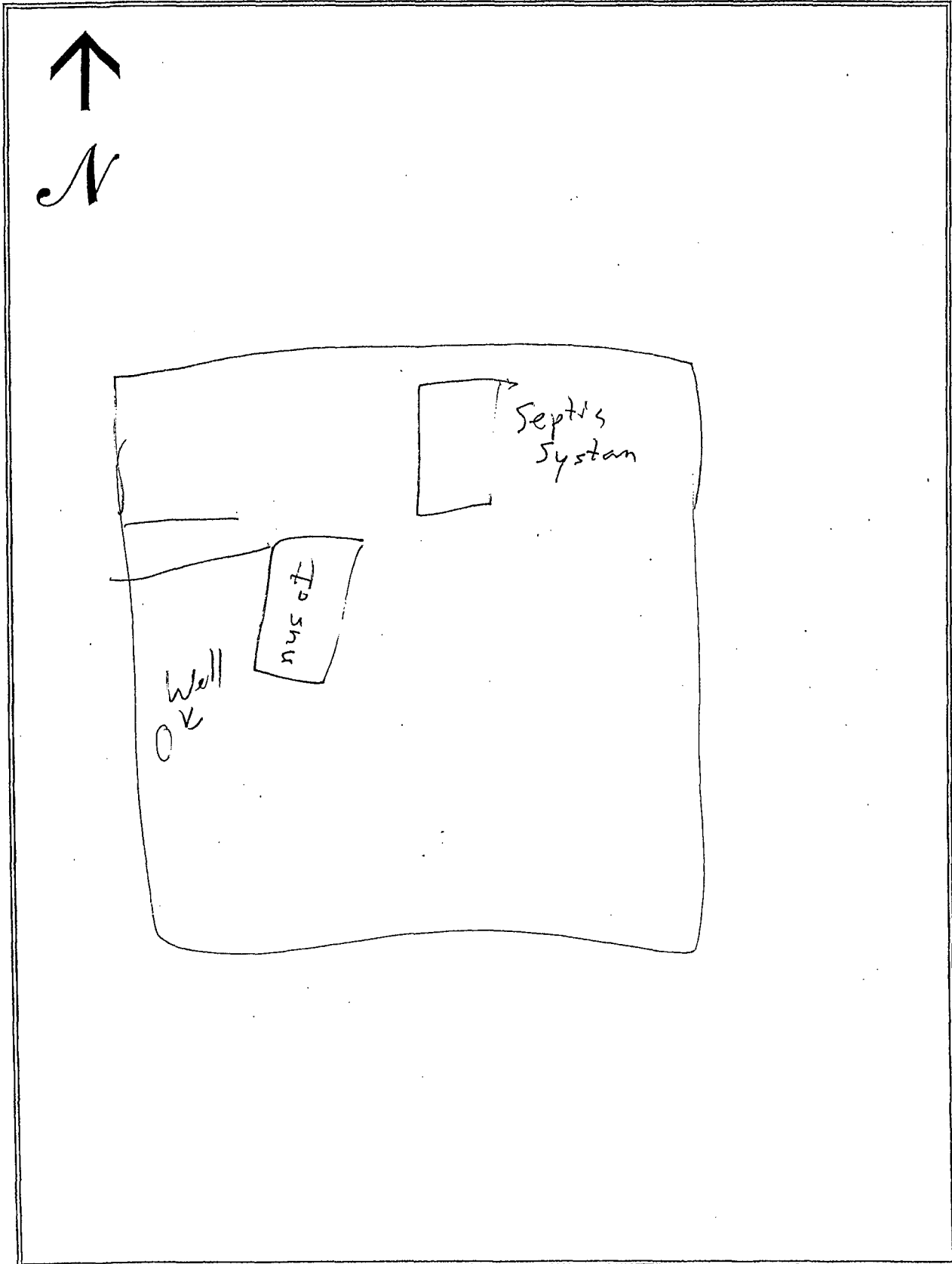
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
- Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
- How old is your system? 18 1/2 yr Was it permitted? Y / N When? \_\_\_\_\_
- Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
- Was your system every pumped out? YES or NO How often? once Last time? 10 t  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
- Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
- Are there any other sewage problems you are aware of?
- COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include:* tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

\_\_\_\_/\_\_\_\_/\_\_\_\_

181

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_\_/\_\_\_\_/\_\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: CHARLES PODLESNY PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 1069 ~~Station~~ 1071 E. Meadow Rd.

- How many people live in your house? 2 SEASONAL / (ALL YEAR?)
- How large is your lot? .75 Acres
- Do you have more than one sewage system on your lot? YES or (NO)  
If yes, explain: \_\_\_\_\_
- What kind of water system do you have? (WELL?) SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? (YES) OR NO If yes, how? Basin water softener  
If you have a well: Is it DUG or (DRILLED?) How Deep? 300 ft. Cased? (YES) or NO  
How far is the well or spring from the drain field 100 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or (NO) When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
- What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

<u>(SEPTIC TANK)</u>	<u>(INGROUND BED)</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
- Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

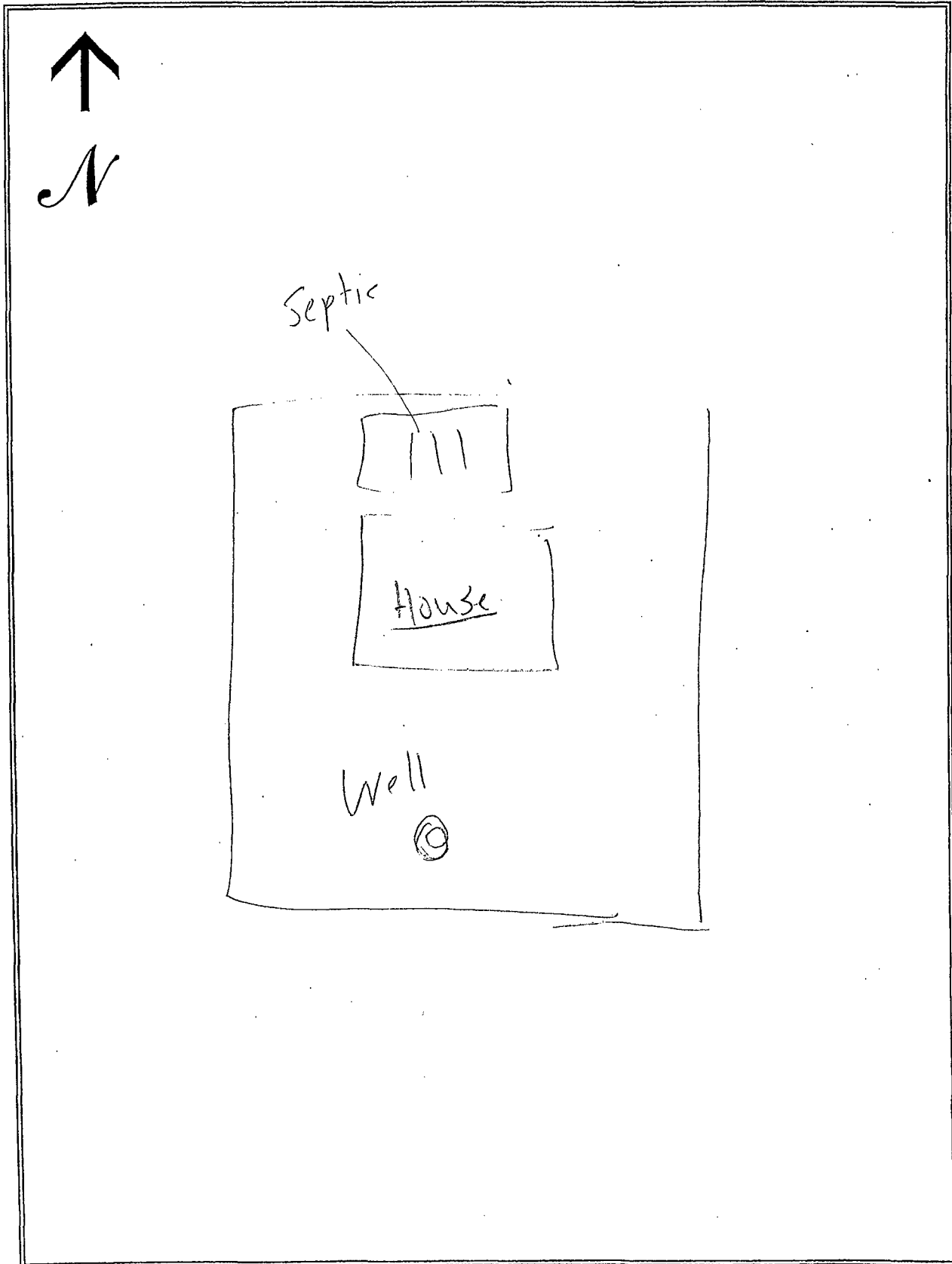
<u>(SEPTIC TANK)</u>	<u>(INGROUND BED)</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
- How old is your system? 25 Was it permitted? Y (N) When? \_\_\_\_\_
- Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
- Was your system every pumped out? (YES) or NO How often? 3 to 5 yrs Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
- Was your system ever repaired? YES or (NO) When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
- Are there any other sewage problems you are aware of?
- COMMENTS:



LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

5/29/02

SAMPLE / MAP #

182

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Paul Bucher PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 1715 Locust Grove Rd

1. How many people live in your house? 6 SEASONAL / ALL YEAR?
2. How large is your lot? 1 3/4 Acre
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? 400 ft. Cased? YES or NO  
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

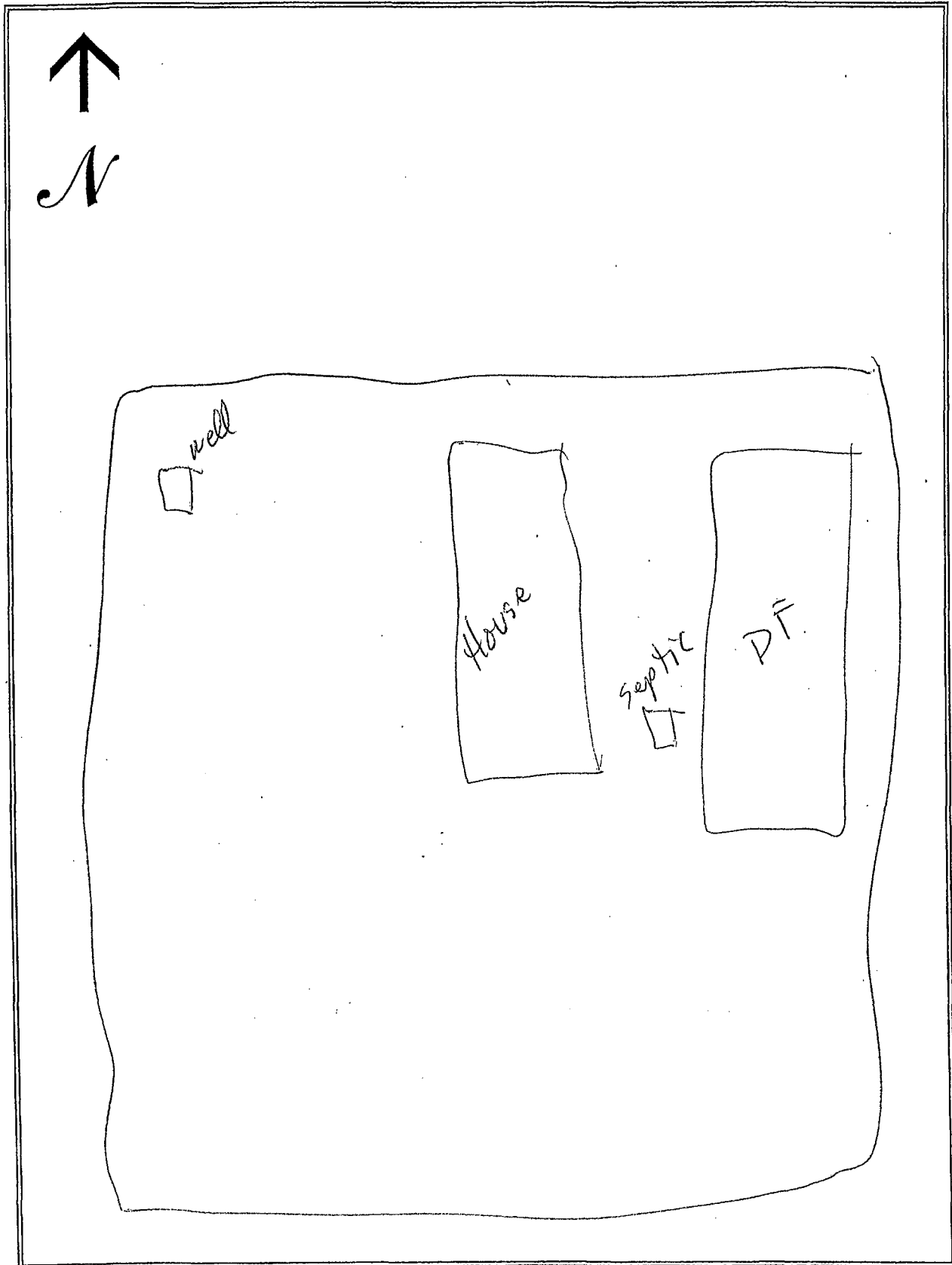
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 26yrs Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? 3yrs  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

\_\_\_\_/\_\_\_\_/\_\_\_\_

183

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_\_/\_\_\_\_/\_\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Roger Stofflet PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 1043 E. meadow Rd.

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? \_\_\_\_\_
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? 100 ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

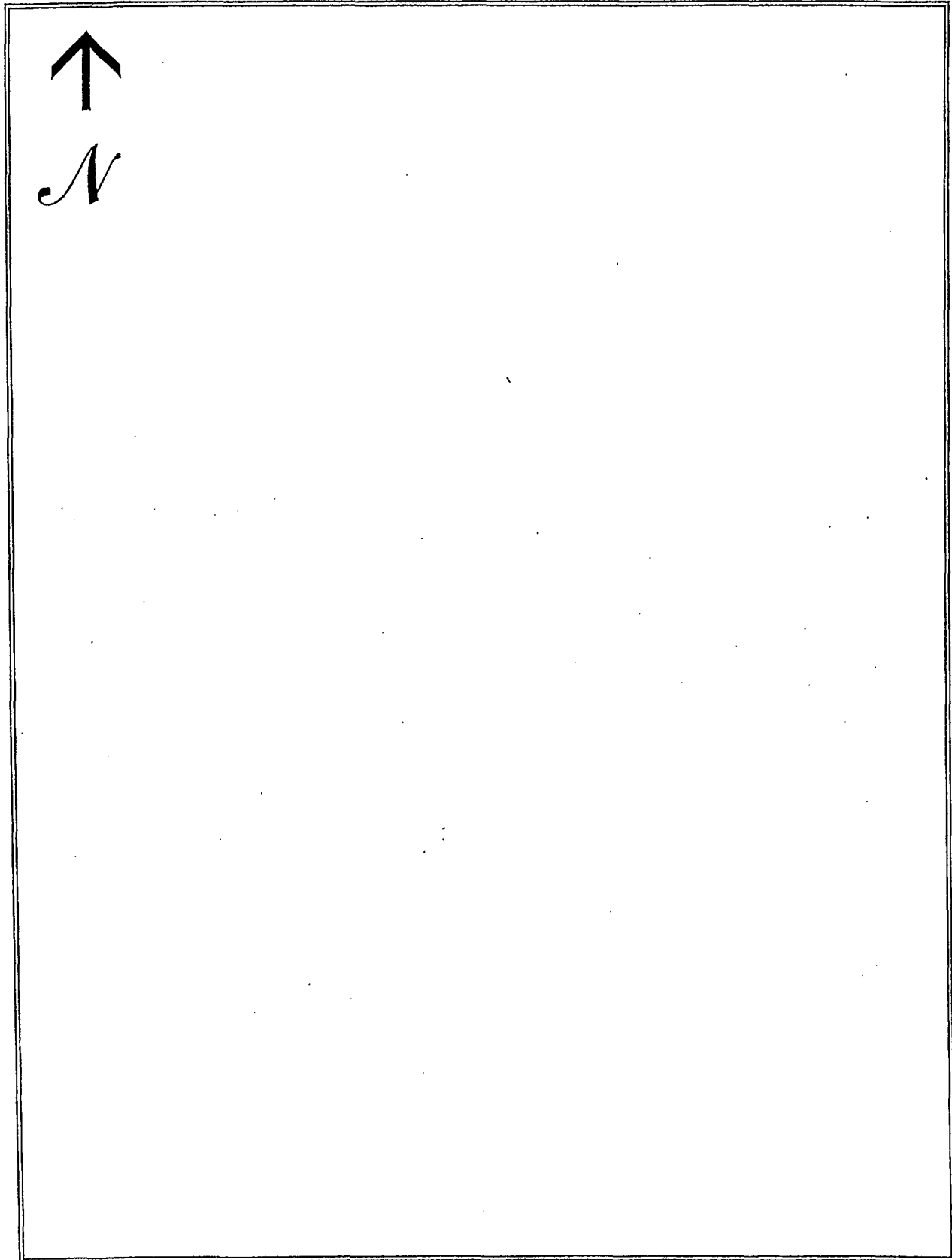
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
<u>CESSPOOL</u>	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
<u>CESSPOOL</u>	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

184

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: JOSEPH COPE PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 1029 E. McAdon Rd.

- How many people live in your house? 5 SEASONAL / (ALL YEAR?)
- How large is your lot? 1/2 acre
- Do you have more than one sewage system on your lot? YES or (NO)  
If yes, explain: \_\_\_\_\_
- What kind of water system do you have? (WELL?) SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR (NO) If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or (DRILLED?) How Deep? 310 ft. Cased? (YES) or NO  
5. How far is the well or spring from the drain field 200 ft. Is well UP/DOWNSLOPE \_\_\_\_\_  
Have you every had your water tested? (YES) or NO When? 4 yrs  
What were the results? good
- What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

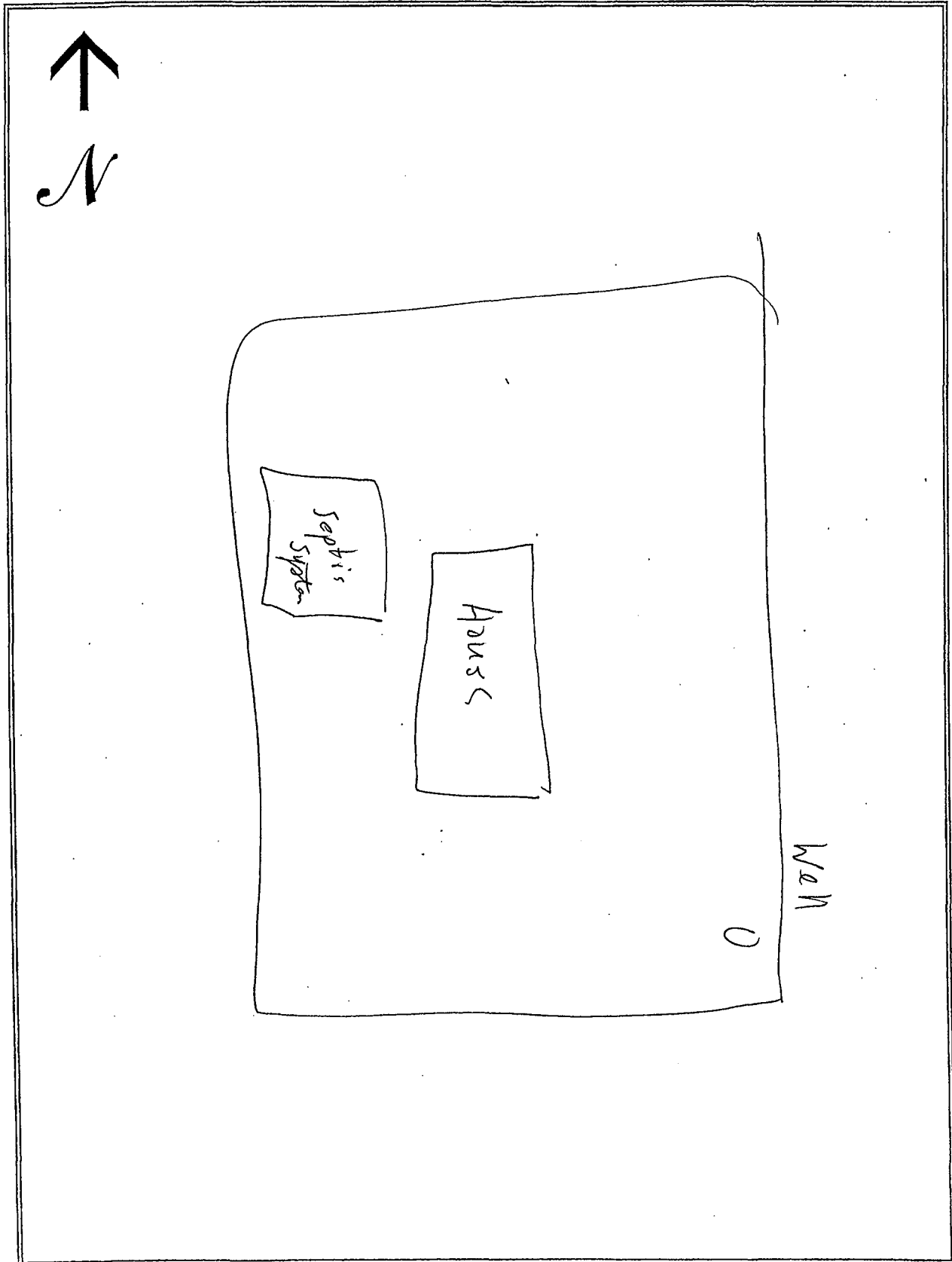
<u>(SEPTIC TANK)</u>	<u>(INGROUND BED)</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
- Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>(SEPTIC TANK)</u>	<u>(INGROUND BED)</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
- How old is your system? 25 yrs Was it permitted? Y / N When? \_\_\_\_\_
- Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
- Was your system every pumped out? (YES) or NO How often? 2 yrs Last time? 2 yrs  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
- Was your system ever repaired? YES or (NO) When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
- Are there any other sewage problems you are aware of?
- COMMENTS:

LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

185

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Margaret Garvey PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 1021 E. Meadow Rd.

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? \_\_\_\_\_
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

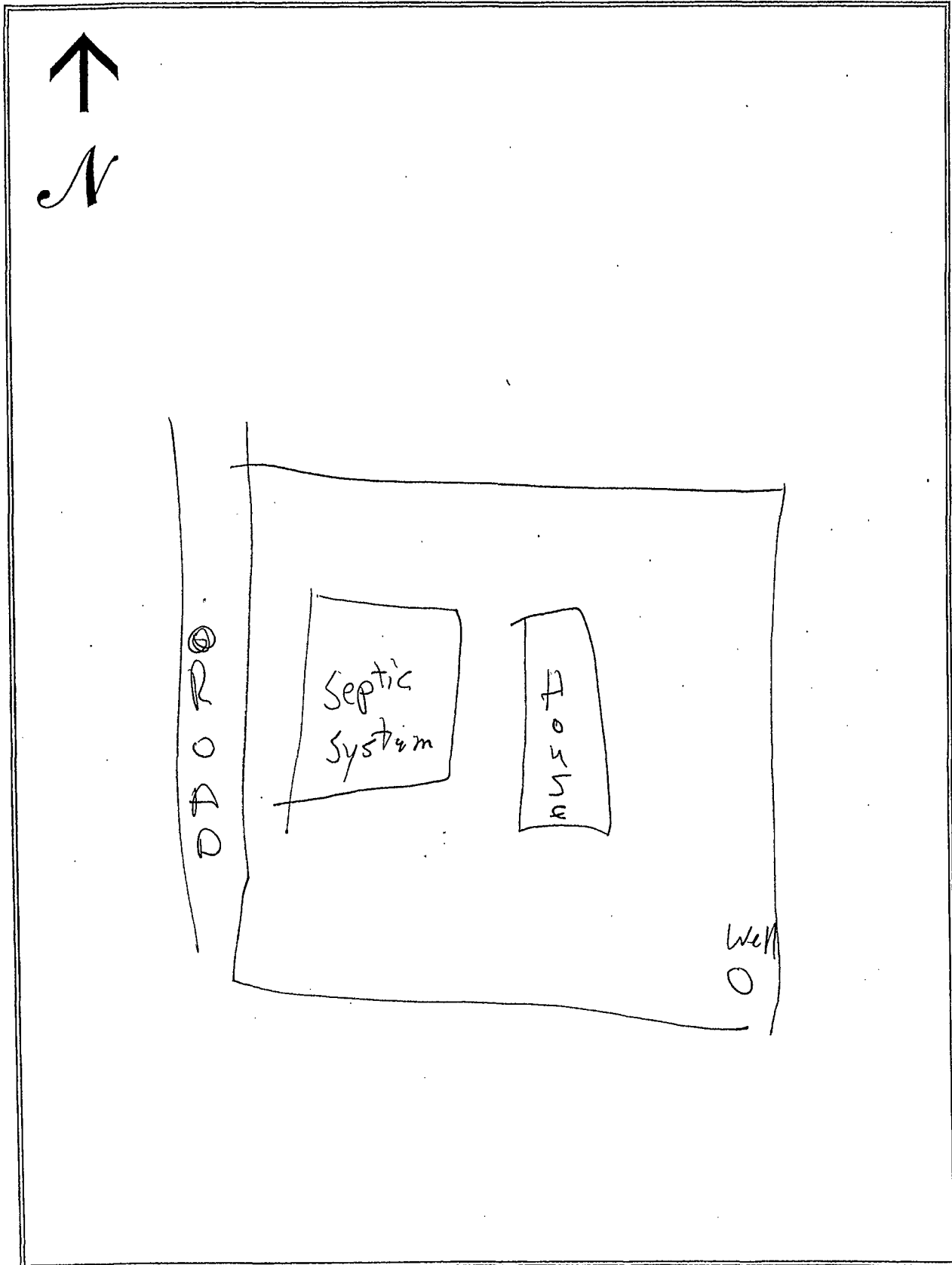
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:



## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

1/1/

186

Penn (Boro/Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by 5/16/00 to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: DAVID MCBETH PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 657 Bedington Cir

- How many people live in your house? 5 SEASONAL / ALL YEAR?
- How large is your lot? .50 Acres
- Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
- What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO  
5. How far is the well or spring from the drain field 100 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? Last year  
What were the results? No Nitrates
- What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

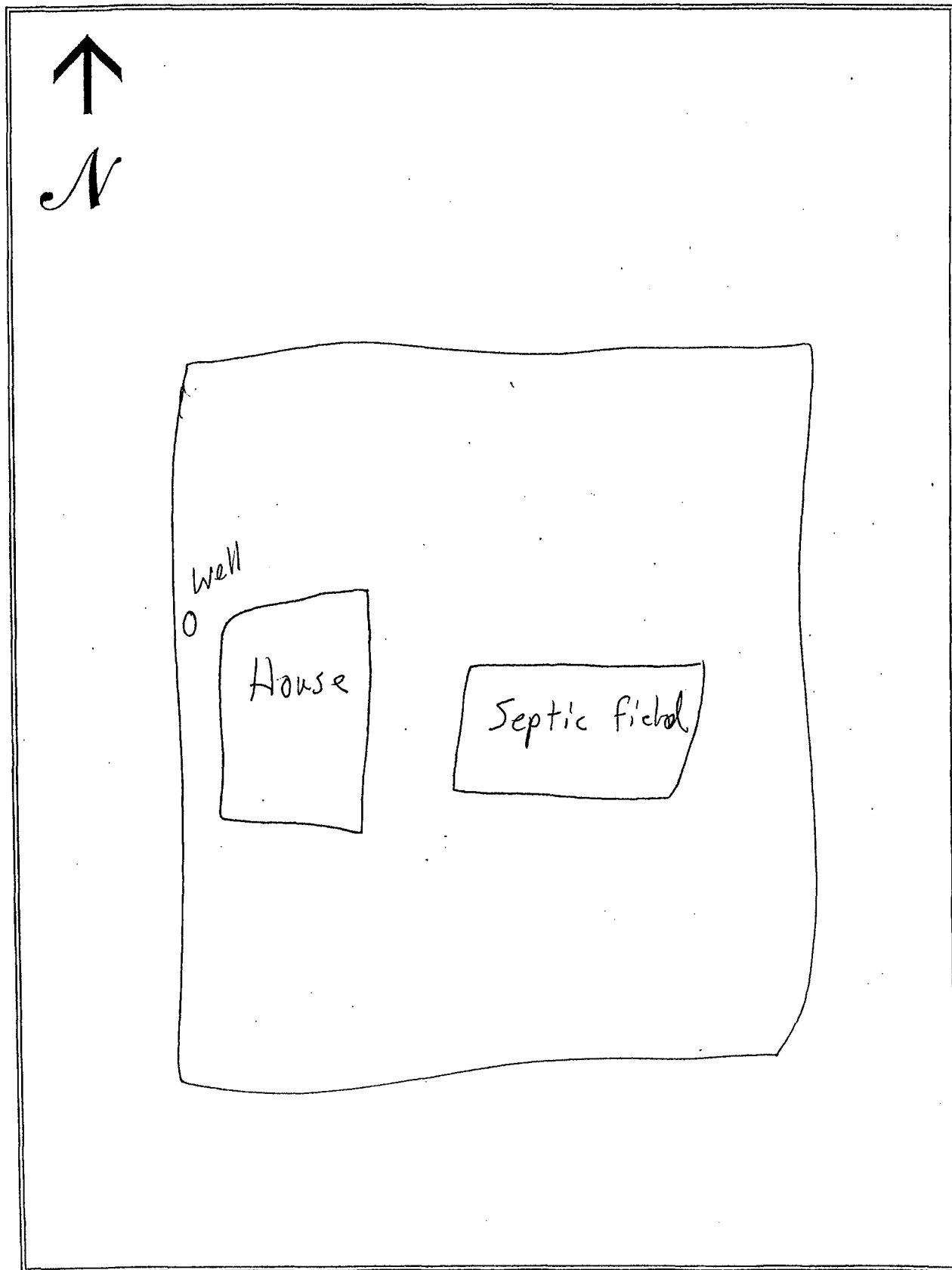
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
- Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
- How old is your system? 20 yrs Was it permitted? Y / N When? \_\_\_\_\_
- Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
- Was your system every pumped out? YES or NO How often? 3 yrs Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
- Was your system ever repaired? YES or NO When? 5 yrs By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
- Are there any other sewage problems you are aware of? NO
- COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

187

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Andrew Brackbill PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 244 Silverwood Dr.

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? \_\_\_\_\_
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

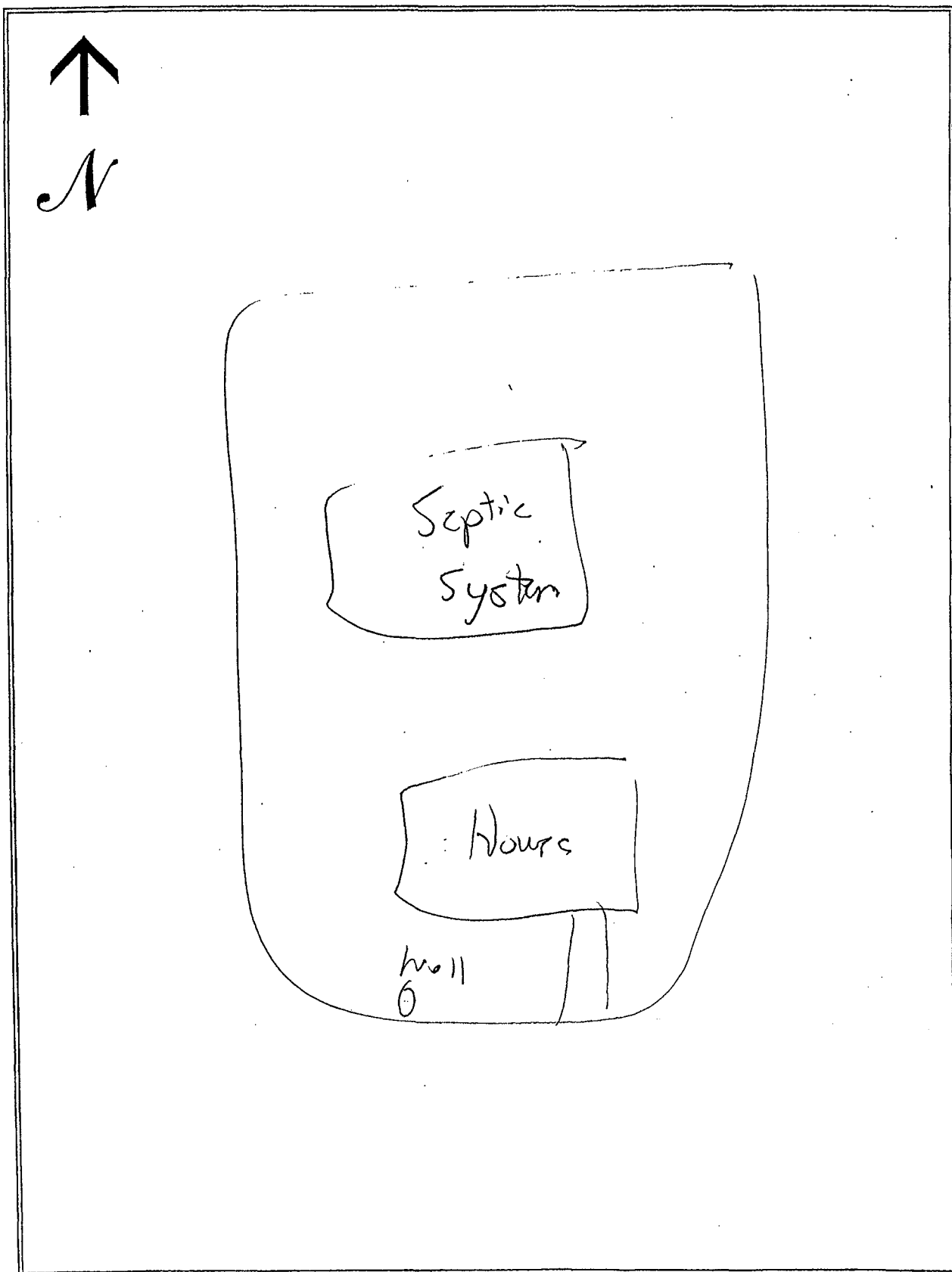
<u>SEPTIC TANK</u>	<u>INGROUND-BED</u>	COMMUNITY SEWER
<u>CESSPOOL</u>	<u>INGROUND TRENCH</u>	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
<u>CESSPOOL</u>	<u>INGROUND TRENCH</u>	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

# LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

1/1/1

188

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by 1/1/1 to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Herbert Edward PHONE: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_

ADDRESS: 247 Silverwood Dr

1. How many people live in your house? 4 SEASONAL / ALL YEAR?
2. How large is your lot? 6.1 acres
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? Softener  
If you have a well: Is it DUG or DRILLED? How Deep? 350 ft. Cased? YES or NO  
5. How far is the well or spring from the drain field 300 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

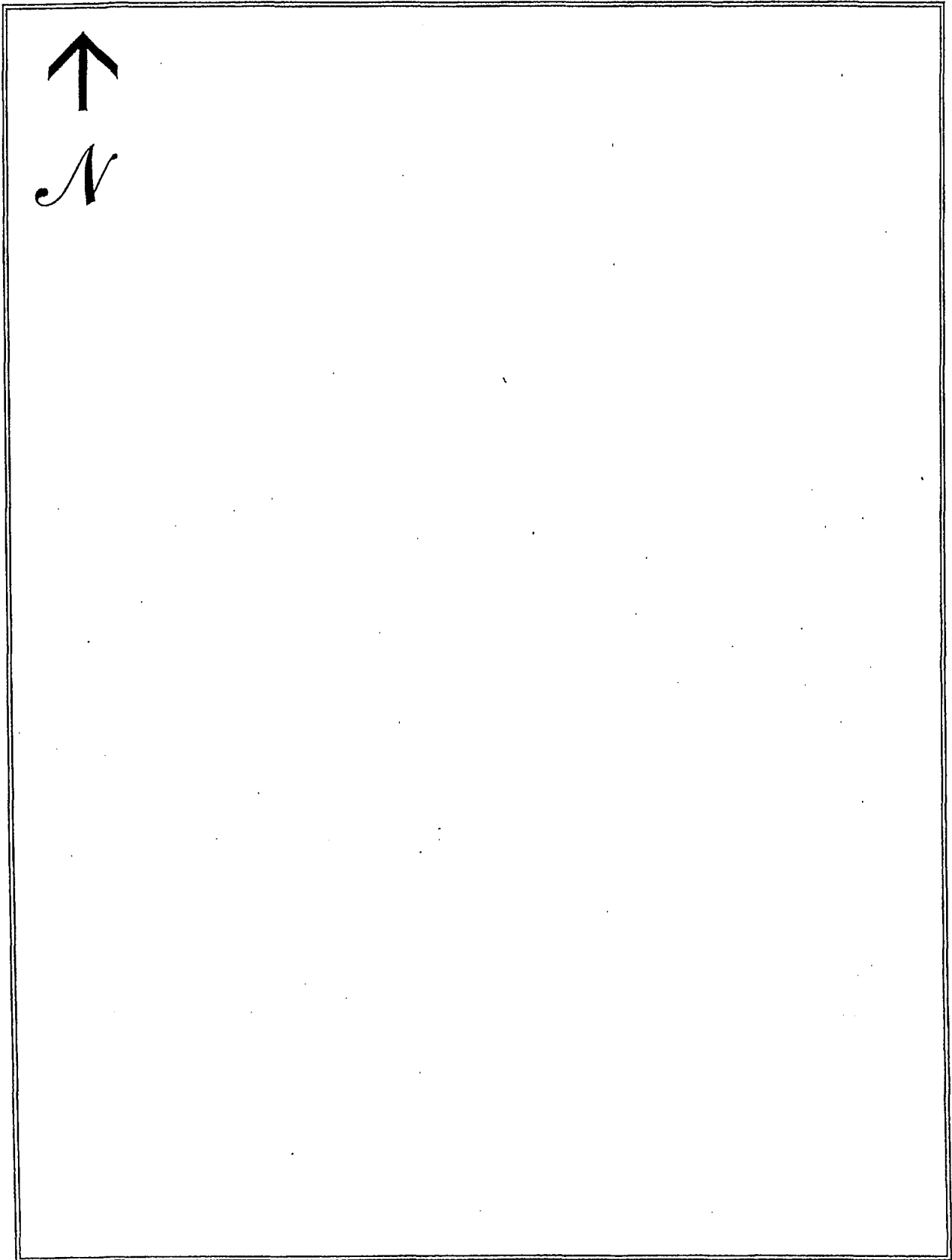
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	<u>INGROUND TRENCH</u>	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 9 yrs Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? 2 yrs Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? replaced pump By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

1/1/

189

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Larry Ziegler PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 265 Silverwood Dr.

- How many people live in your house? 2 SEASONAL / ALL YEAR?
- How large is your lot? 1.5 Acre
- Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
- What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? Rain soft  
If you have a well: Is it DUG or DRILLED? How Deep? 250 ft. Cased? YES or NO  
5. How far is the well or spring from the drain field 80 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? good
- What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	<u>INGROUND TRENCH</u>	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
- Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

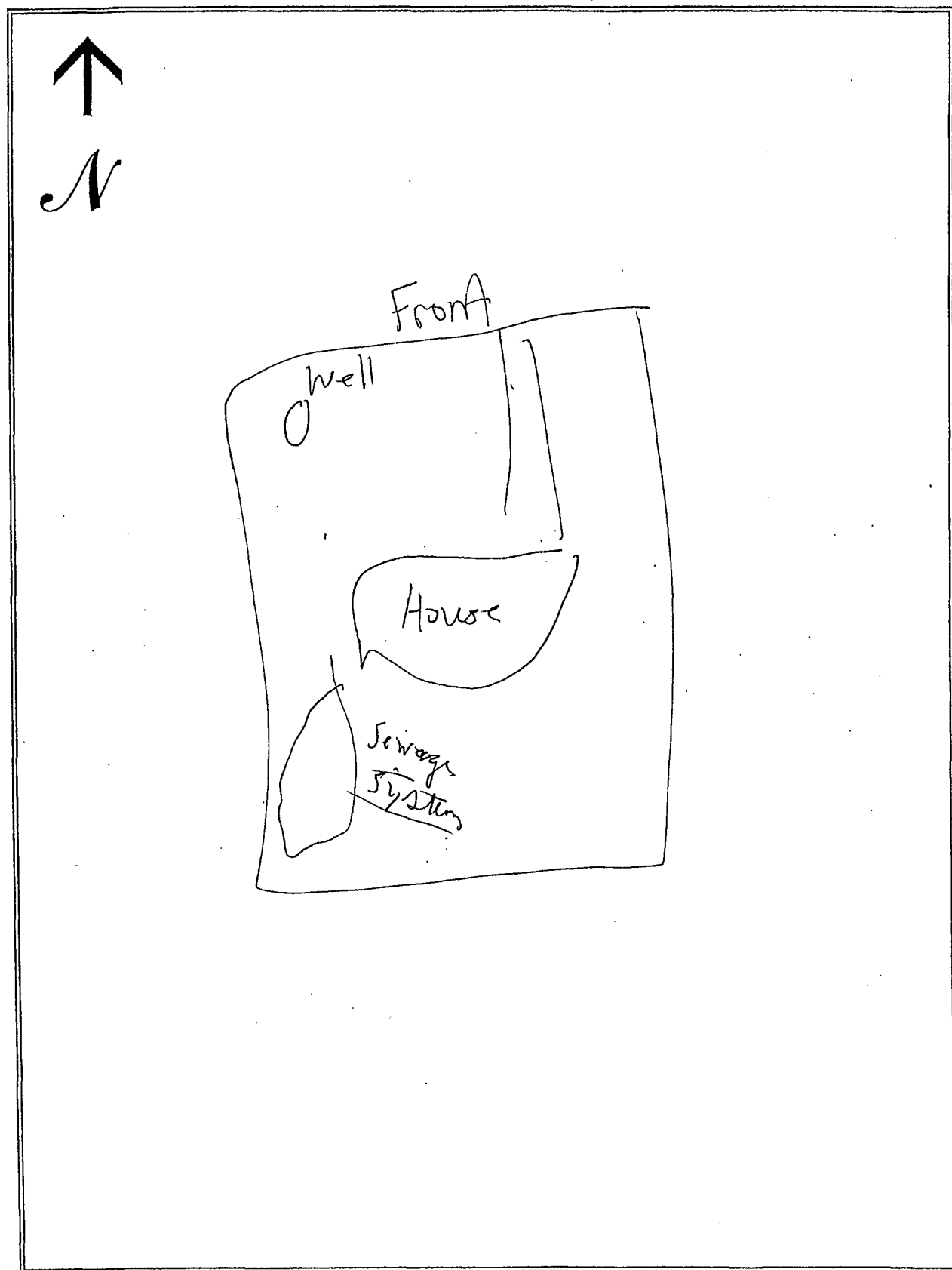
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
- How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
- Have you every noticed any of the following near your septic system?  

<u>GREEN LUSH GRASS</u>	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
- Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
- Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
- Are there any other sewage problems you are aware of?
- COMMENTS:



## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

\_\_\_\_/\_\_\_\_/\_\_\_\_

190

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_\_/\_\_\_\_/\_\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: CHARLES Thompson PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 285 S. Verwood Dr.

1. How many people live in your house? 2 SEASONAL / ALL YEAR?
2. How large is your lot? \_\_\_\_\_
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field 120 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? good
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

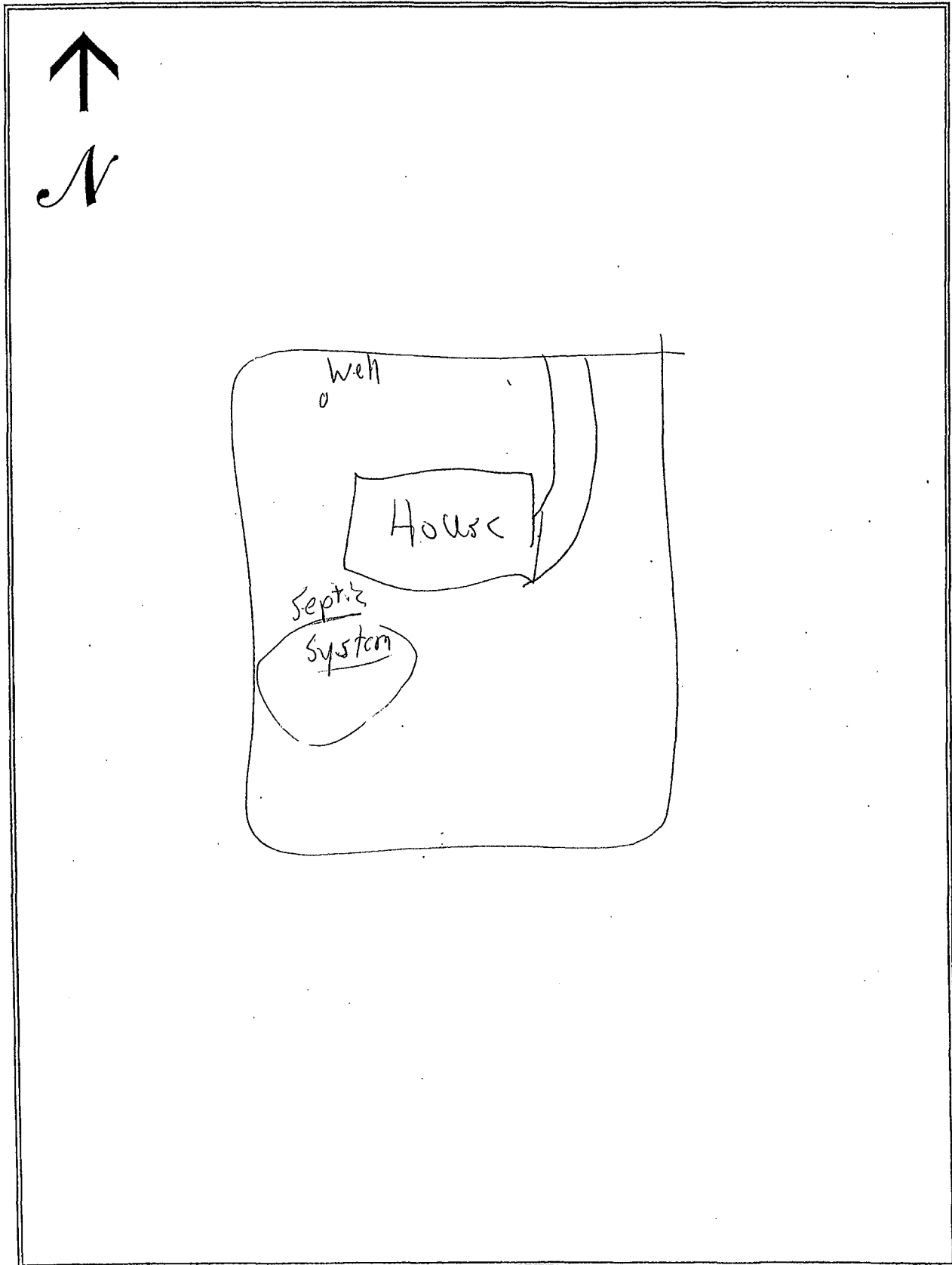
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	<u>INGROUND TRENCH</u>	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	<u>INGROUND TRENCH</u>	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 10 yrs Was it permitted? Y N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

\_\_\_\_/\_\_\_\_/\_\_\_\_

101

\_\_\_\_ (Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_\_/\_\_\_\_/\_\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: DAVID HUGG PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 224 Elm St.

1. How many people live in your house? 2 SEASONAL / ALL YEAR?
2. How large is your lot? 10.00 Acres
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? 300 ft. Cased? YES or NO  
5. How far is the well or spring from the drain field 300 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? good
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
<u>CESSPOOL</u>	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

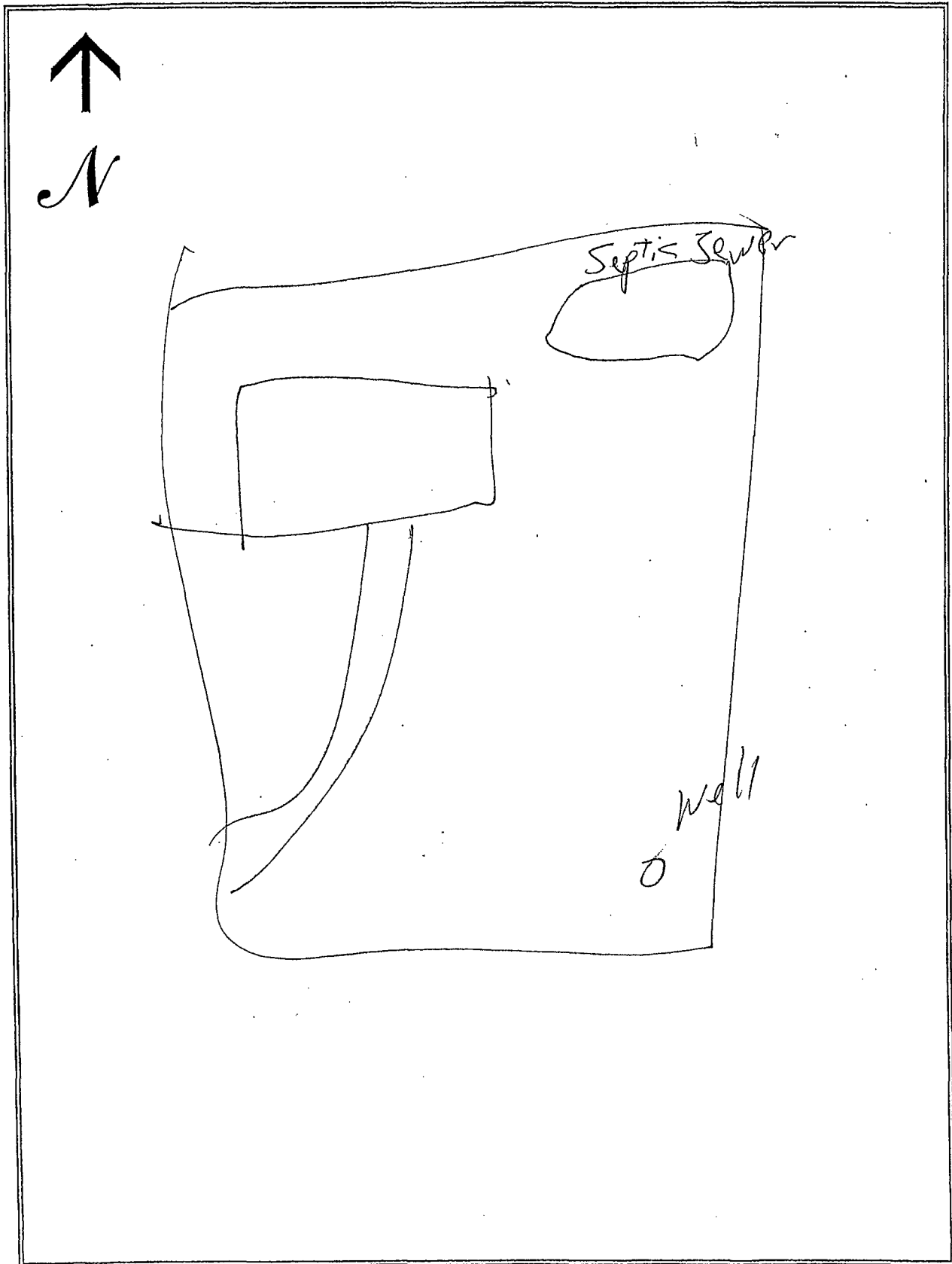
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
<u>CESSPOOL</u>	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 17 yrs Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? 5 years  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS: \_\_\_\_\_

2:45

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

\_\_\_\_/\_\_\_\_/\_\_\_\_

192

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_\_/\_\_\_\_/\_\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: AYERS ANDREW PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 330 Silverwood Dr

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? \_\_\_\_\_
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field 250 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

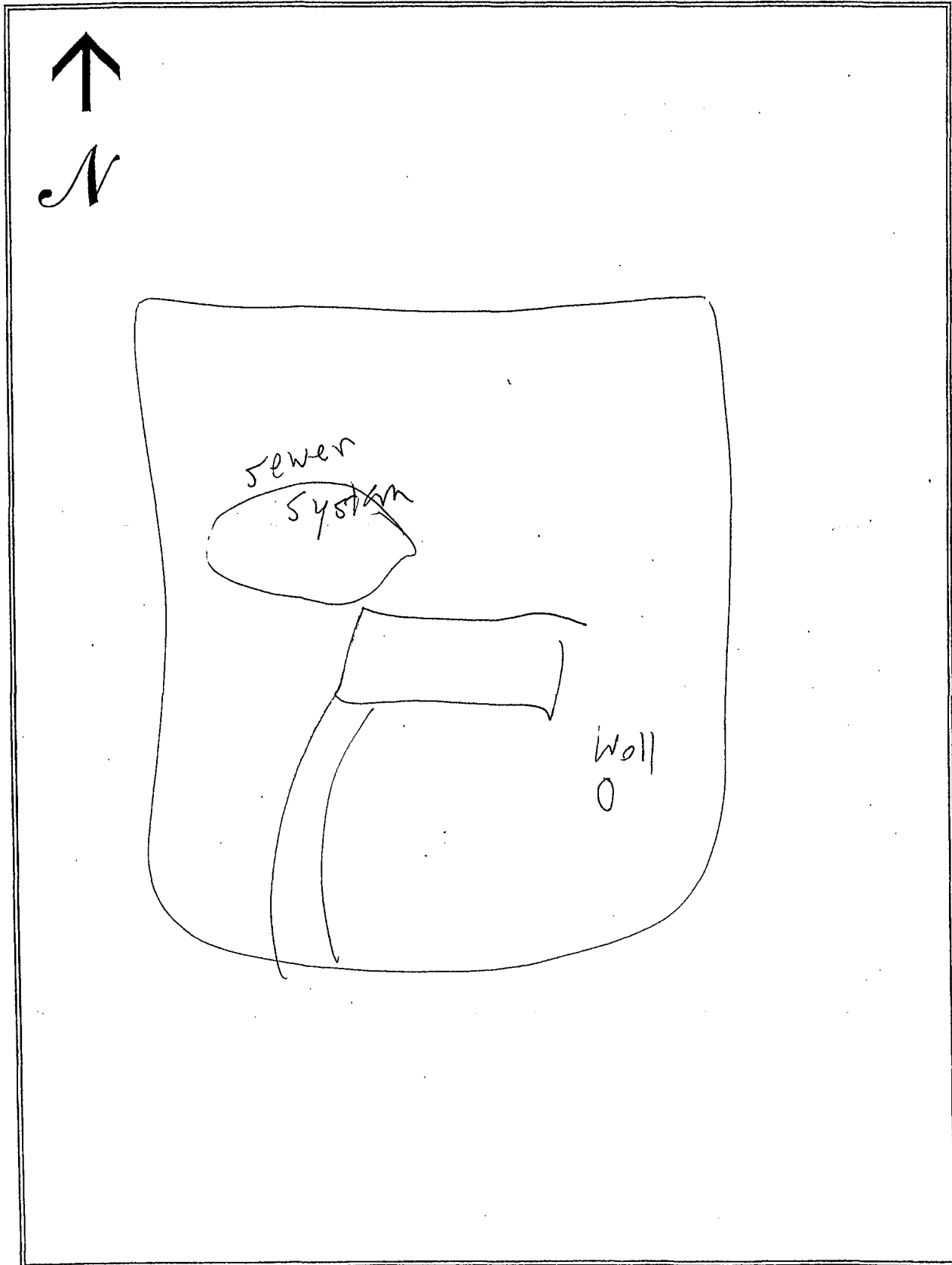
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

193

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Edward Everett PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 333 Silverwood Dr

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? \_\_\_\_\_
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field 250 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

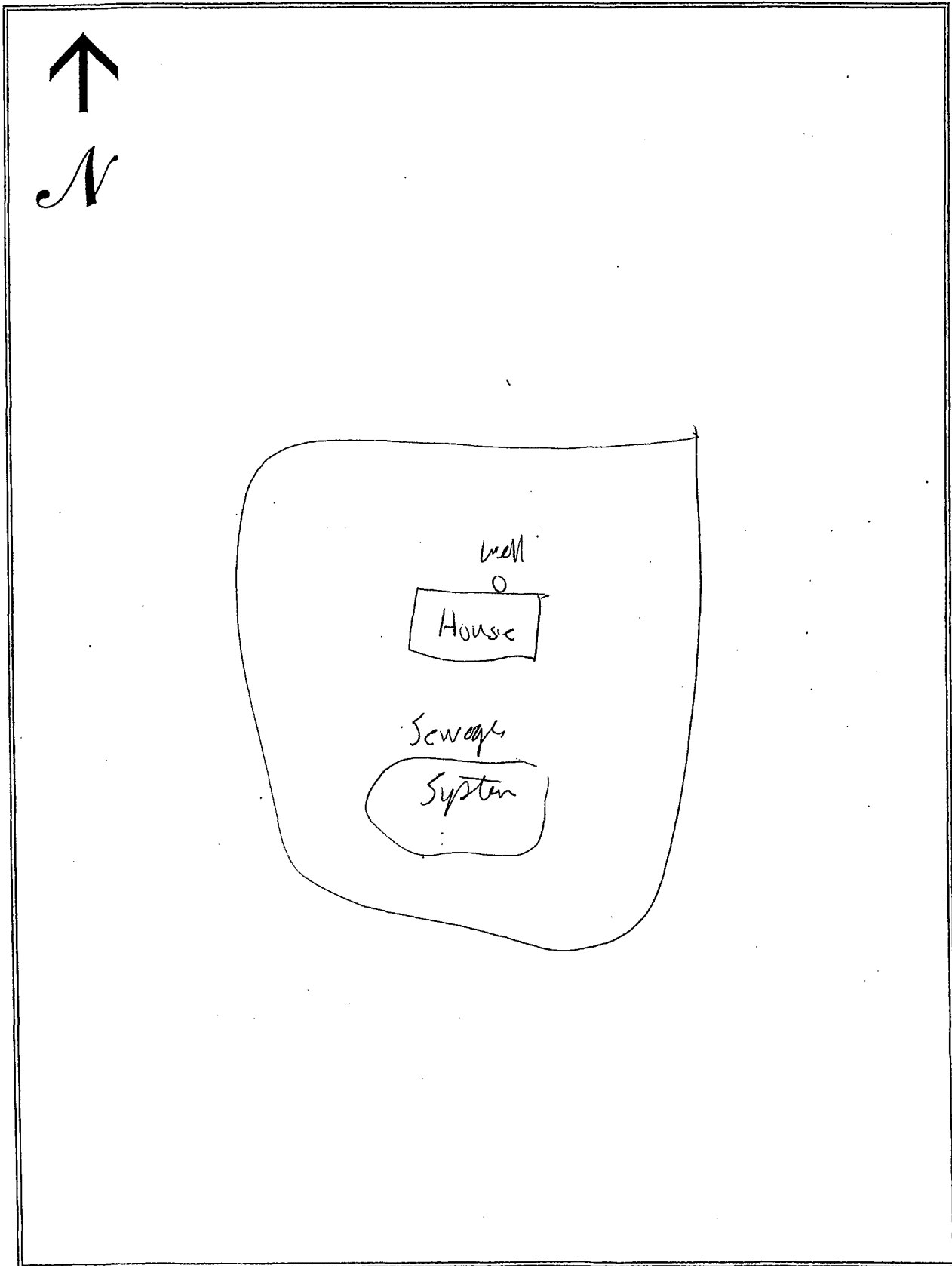
SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:



## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

194

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: DAVID Painter PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 210 Elm Rd.

1. How many people live in your house? 5 SEASONAL / ALL YEAR?
2. How large is your lot? 50 acres
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? Softner  
If you have a well: Is it DUG or DRILLED? How Deep? 246 ft. Cased? YES or NO  
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? good
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

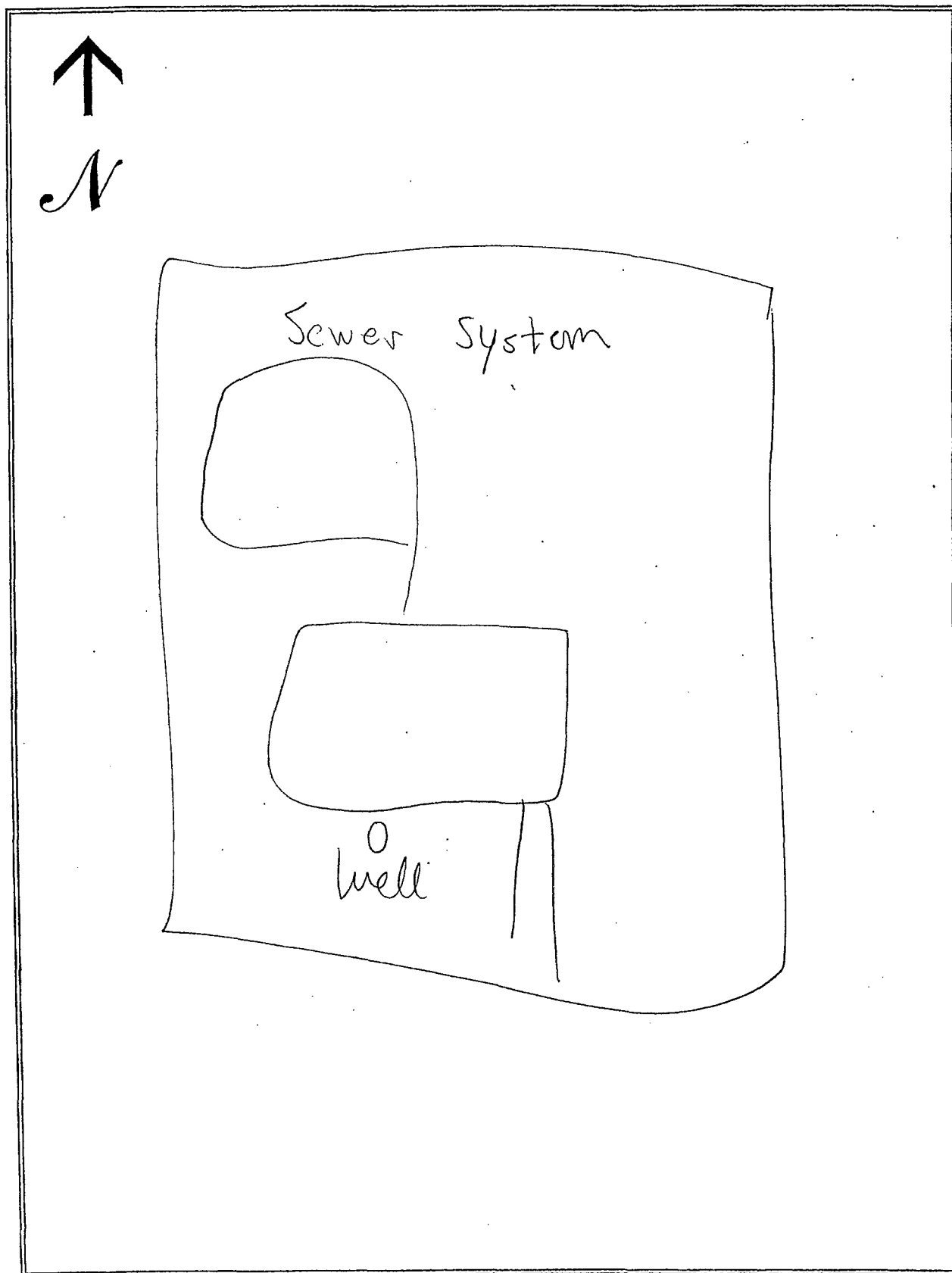
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 35yr Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

<u>GREEN LUSH GRASS</u>	WETNESS OR SPONGY AREAS
<u>ODORS</u>	WATER PONDING OR SURFACING
<u>SLUGGISH DRAINS</u>	WASTEWATER BACKING INTO THE HOME
<u>SYSTEM OVERFLOW</u>	OTHER _____
11. Was your system every pumped out? YES or NO How often? 9 months Last time? month ago  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

1/1/

195

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: CHARLOTTE RUONICK PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 32 Furrow Rd

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? \_\_\_\_\_
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field 300 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

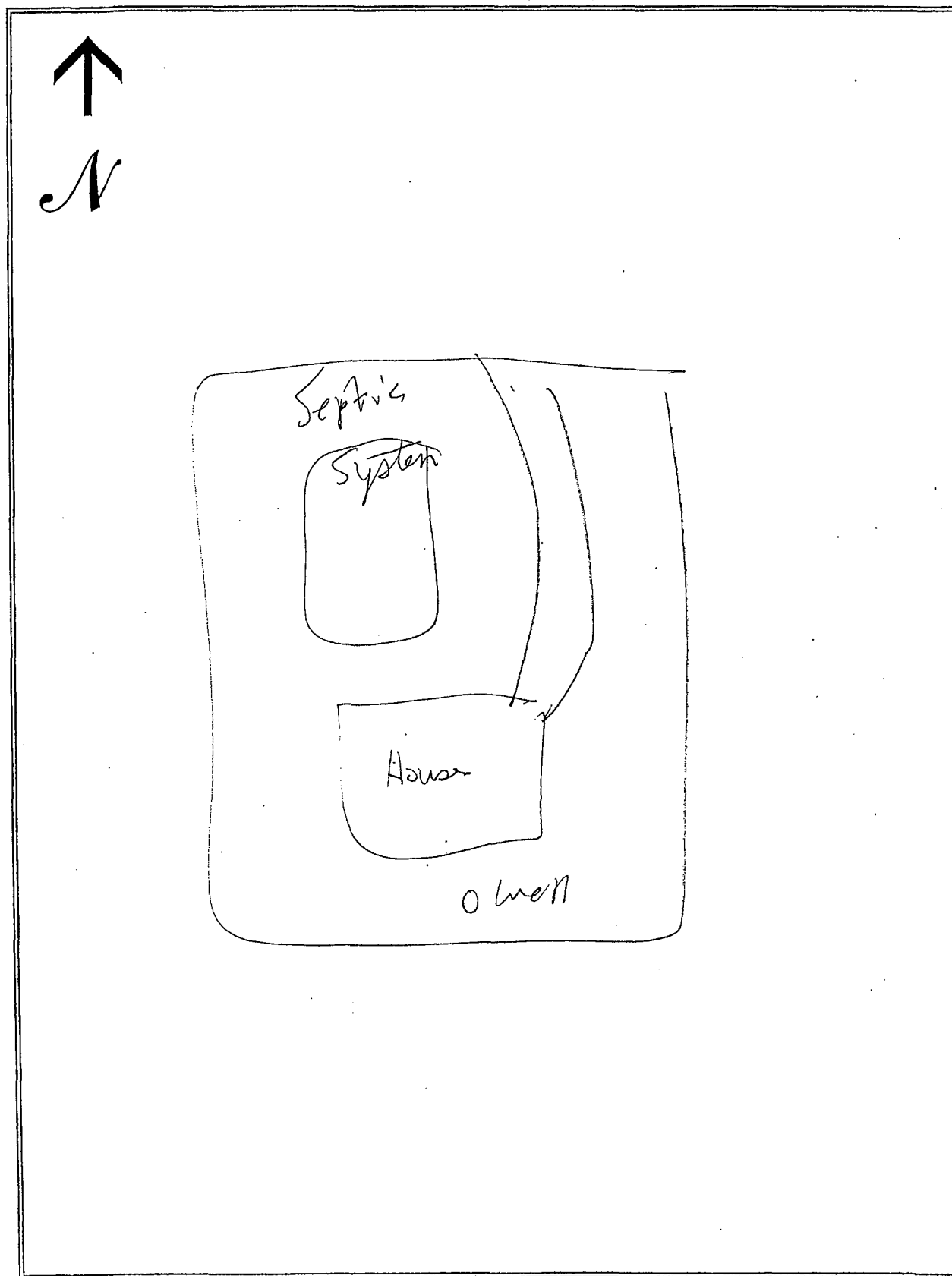
<input checked="" type="checkbox"/> SEPTIC TANK	<input checked="" type="checkbox"/> INGROUND BED	<input type="checkbox"/> COMMUNITY SEWER
<input type="checkbox"/> CESSPOOL	<input type="checkbox"/> INGROUND TRENCH	<input type="checkbox"/> STORM SEWER
<input type="checkbox"/> OLD WELL	<input type="checkbox"/> ELEVATED SAND MOUND	<input type="checkbox"/> PIPE TO DITCH
<input type="checkbox"/> HOLDING TANK	<input type="checkbox"/> SEEPAGE PIT	<input type="checkbox"/> PIPE TO STEAM
<input type="checkbox"/> PRIVY	<input type="checkbox"/> BORE HOLE	<input type="checkbox"/> PIPE TO SURFACE
<input type="checkbox"/> PUBLIC SEWER	<input type="checkbox"/> OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

<input checked="" type="checkbox"/> SEPTIC TANK	<input checked="" type="checkbox"/> INGROUND BED	<input type="checkbox"/> COMMUNITY SEWER
<input type="checkbox"/> CESSPOOL	<input type="checkbox"/> INGROUND TRENCH	<input type="checkbox"/> STORM SEWER
<input type="checkbox"/> OLD WELL	<input type="checkbox"/> ELEVATED SAND MOUND	<input type="checkbox"/> PIPE TO DITCH
<input type="checkbox"/> HOLDING TANK	<input type="checkbox"/> SEEPAGE PIT	<input type="checkbox"/> PIPE TO STEAM
<input type="checkbox"/> PRIVY	<input type="checkbox"/> BORE HOLE	<input type="checkbox"/> PIPE TO SURFACE
<input type="checkbox"/> PUBLIC SEWER	<input type="checkbox"/> OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

<input type="checkbox"/> GREEN LUSH GRASS	<input type="checkbox"/> WETNESS OR SPONGY AREAS
<input type="checkbox"/> ODORS	<input type="checkbox"/> WATER PONDING OR SURFACING
<input type="checkbox"/> SLUGGISH DRAINS	<input type="checkbox"/> WASTEWATER BACKING INTO THE HOME
<input type="checkbox"/> SYSTEM OVERFLOW	<input type="checkbox"/> OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

196

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Stephen Riley PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 275 Memorial Rd

1. How many people live in your house? 5 SEASONAL / ALL YEAR
2. How large is your lot? .50 acre
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? UV TREATMENT  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO  
5. How far is the well or spring from the drain field 200 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? 1 yr ago  
What were the results? fine
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

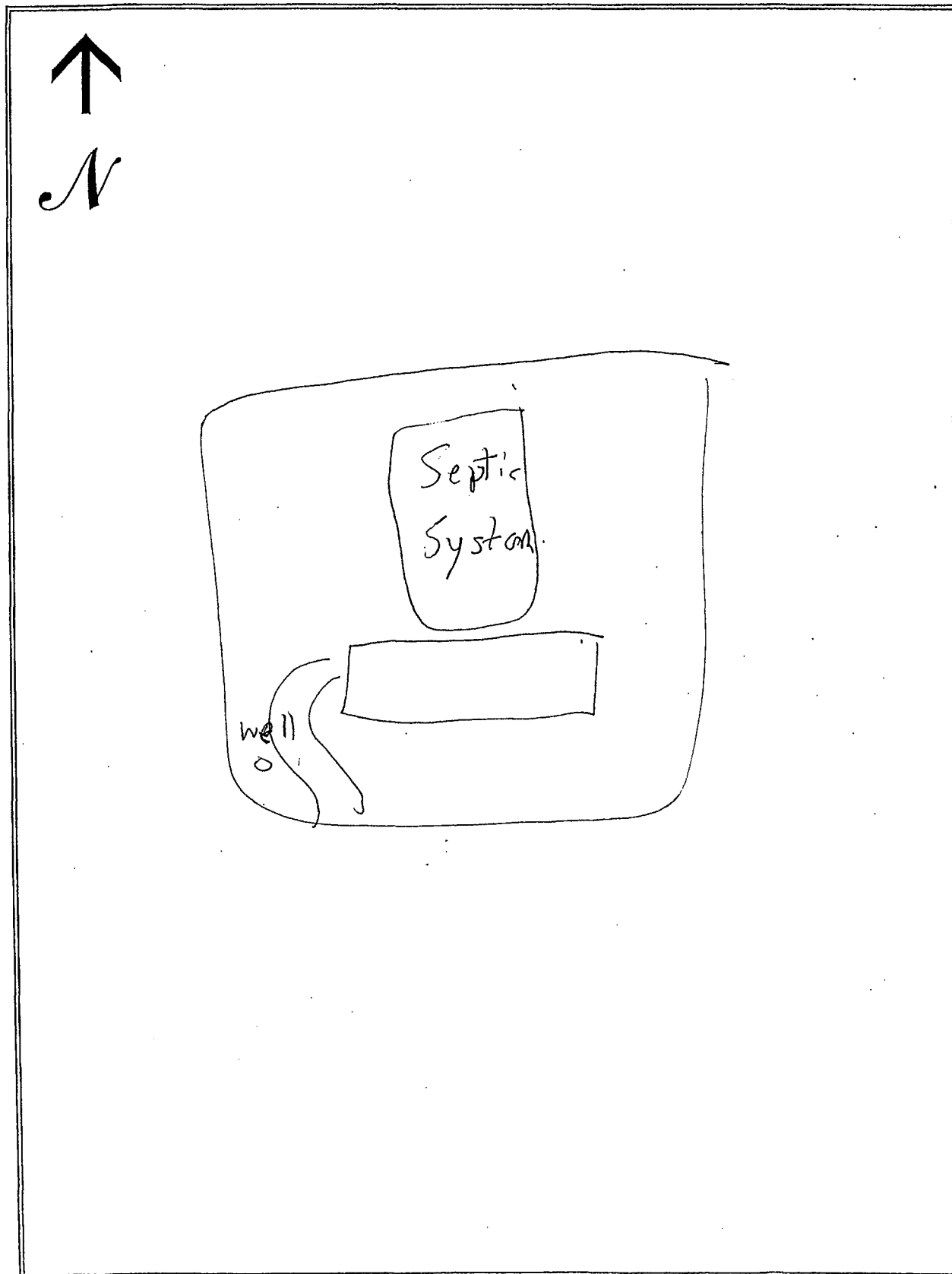
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
<u>CESSPOOL</u>	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
<u>CESSPOOL</u>	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 5 yr Was it permitted? Y N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

<u>GREEN LUSH GRASS</u>	WETNESS OR SPONGY AREAS
<u>ODORS</u>	WATER PONDING OR SURFACING
<u>SLUGGISH DRAINS</u>	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? Aug 2000  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #  
197

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_-\_\_\_\_.  
Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Stoppard, Harold PHONE: (\_\_\_\_) \_\_\_\_-\_\_\_\_  
ADDRESS: 406 W. Lexington Rd.

1. How many people live in your house? 4 SEASONAL / ALL YEAR?
2. How large is your lot? \_\_\_\_\_
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? Waterworks / Handness treatment  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field 200 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? good magnesium
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
<u>CESSPOOL</u>	<u>INGROUND TRENCH</u>	STORM SEWER
OLD WELL	<u>ELEVATED SAND MOUND</u>	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	<u>PIPE TO STEAM</u>
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

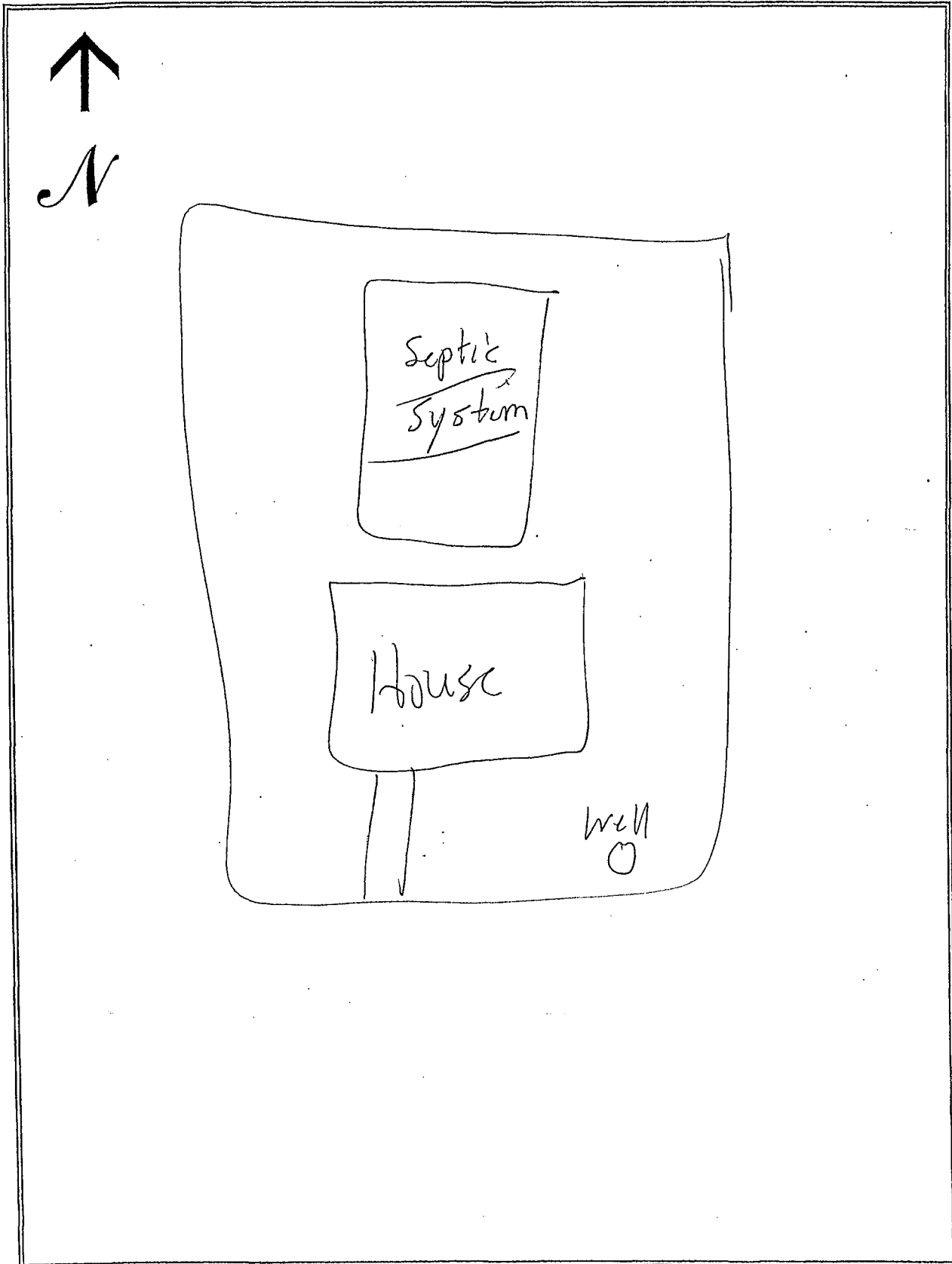
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
<u>CESSPOOL</u>	<u>INGROUND TRENCH</u>	STORM SEWER
OLD WELL	<u>ELEVATED SAND MOUND</u>	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 1 yr. Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	<u>WETNESS OR SPONGY AREAS</u>
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:



## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

198

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Reanda Koller PHONE: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_

ADDRESS: 400 Lexington Rd.

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? \_\_\_\_\_
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field 150 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

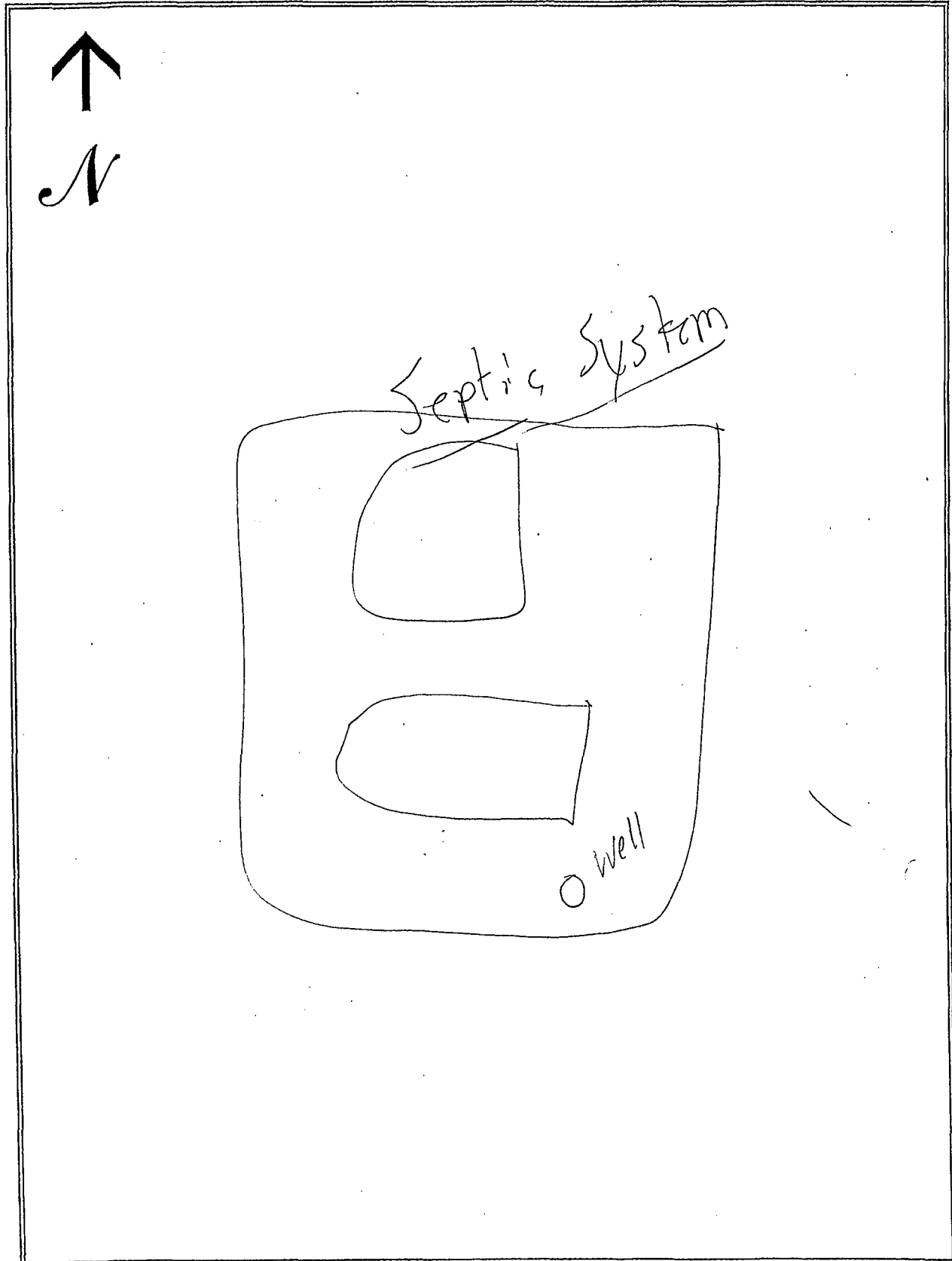
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
<u>CESSPOOL</u>	<u>INGROUND TRENCH</u>	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
<u>HOLDING TANK</u>	<u>SEEPAGE PIT</u>	<u>PIPE TO STEAM</u>
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
<u>CESSPOOL</u>	<u>INGROUND TRENCH</u>	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
<u>HOLDING TANK</u>	<u>SEEPAGE PIT</u>	<u>PIPE TO STEAM</u>
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

\_\_\_\_/\_\_\_\_/\_\_\_\_

199

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_\_/\_\_\_\_/\_\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_-\_\_\_\_.  
Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Joel Gorman PHONE: (\_\_\_\_) \_\_\_\_-\_\_\_\_  
ADDRESS: 226 Weaver Dr

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? .56 acre
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWNSLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

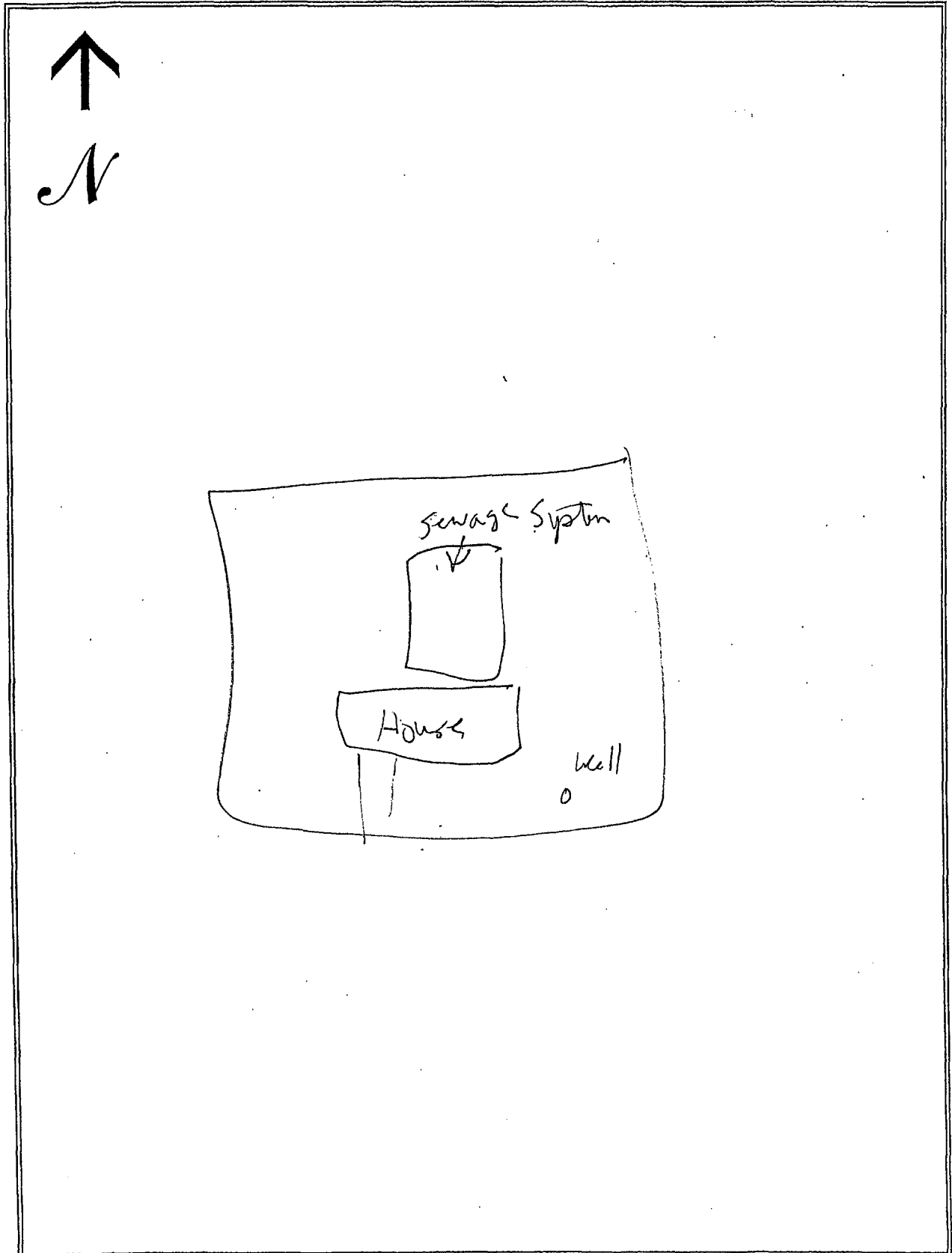
<input checked="" type="checkbox"/> SEPTIC TANK	<input checked="" type="checkbox"/> INGROUND BED	<input type="checkbox"/> COMMUNITY SEWER
<input type="checkbox"/> CESSPOOL	<input type="checkbox"/> INGROUND TRENCH	<input type="checkbox"/> STORM SEWER
<input type="checkbox"/> OLD WELL	<input type="checkbox"/> ELEVATED SAND MOUND	<input type="checkbox"/> PIPE TO DITCH
<input type="checkbox"/> HOLDING TANK	<input type="checkbox"/> SEEPAGE PIT	<input type="checkbox"/> PIPE TO STEAM
<input type="checkbox"/> PRIVY	<input type="checkbox"/> BORE HOLE	<input type="checkbox"/> PIPE TO SURFACE
<input type="checkbox"/> PUBLIC SEWER	<input type="checkbox"/> OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

<input type="checkbox"/> SEPTIC TANK	<input type="checkbox"/> INGROUND BED	<input type="checkbox"/> COMMUNITY SEWER
<input type="checkbox"/> CESSPOOL	<input type="checkbox"/> INGROUND TRENCH	<input type="checkbox"/> STORM SEWER
<input type="checkbox"/> OLD WELL	<input type="checkbox"/> ELEVATED SAND MOUND	<input type="checkbox"/> PIPE TO DITCH
<input type="checkbox"/> HOLDING TANK	<input type="checkbox"/> SEEPAGE PIT	<input type="checkbox"/> PIPE TO STEAM
<input type="checkbox"/> PRIVY	<input type="checkbox"/> BORE HOLE	<input type="checkbox"/> PIPE TO SURFACE
<input type="checkbox"/> PUBLIC SEWER	<input type="checkbox"/> OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

<input type="checkbox"/> GREEN LUSH GRASS	<input type="checkbox"/> WETNESS OR SPONGY AREAS
<input type="checkbox"/> ODORS	<input type="checkbox"/> WATER PONDING OR SURFACING
<input type="checkbox"/> SLUGGISH DRAINS	<input type="checkbox"/> WASTEWATER BACKING INTO THE HOME
<input type="checkbox"/> SYSTEM OVERFLOW	<input type="checkbox"/> OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

200

Perin twp (Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by      /      /      to the municipal office at:

If you have any questions please contact                      at (      )      -     .

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: George Swartz PHONE: (      )      -     

ADDRESS: 46 TROY DR

1. How many people live in your house? 4 SEASONAL / ALL YEAR?

2. How large is your lot? 1.30 acres

3. Do you have more than one sewage system on your lot? YES or NO

If yes, explain:                     

4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER?             

Do you treat your water? YES OR NO If yes, how?             

If you have a well: Is it DUG or DRILLED? How Deep? 375 ft. Cased? YES or NO

5. How far is the well or spring from the drain field 250 ft. Is well UP/DOWN SLOPE             

Have you every had your water tested? YES or NO When?             

What were the results? good

7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)

SEPTIC TANK

CESSPOOL

OLD WELL

HOLDING TANK

PRIVY

PUBLIC SEWER

INGROUND BED

INGROUND TRENCH

ELEVATED SAND MOUND

SEEPAGE PIT

BORE HOLE

OTHER             

COMMUNITY SEWER

STORM SEWER

PIPE TO DITCH

PIPE TO STEAM

PIPE TO SURFACE

8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)

SEPTIC TANK

CESSPOOL

OLD WELL

HOLDING TANK

PRIVY

PUBLIC SEWER

INGROUND BED

INGROUND TRENCH

ELEVATED SAND MOUND

SEEPAGE PIT

BORE HOLE

OTHER             

COMMUNITY SEWER

STORM SEWER

PIPE TO DITCH

PIPE TO STEAM

PIPE TO SURFACE

9. How old is your system? 24 yrs Was it permitted? Y / N When?             

10. Have you every noticed any of the following near your septic system?

GREEN LUSH GRASS

ODORS

SLUGGISH DRAINS

SYSTEM OVERFLOW

WETNESS OR SPONGY AREAS

WATER PONDING OR SURFACING

WASTEWATER BACKING INTO THE HOME

OTHER             

11. Was your system every pumped out? YES or NO How often? 2 yrs Last time?             

If it was pumped, was it inspected for cracks or broken baffles?             

12. Was your system ever repaired? YES or NO When?              By permit? YES / NO

What part was repaired or replaced?

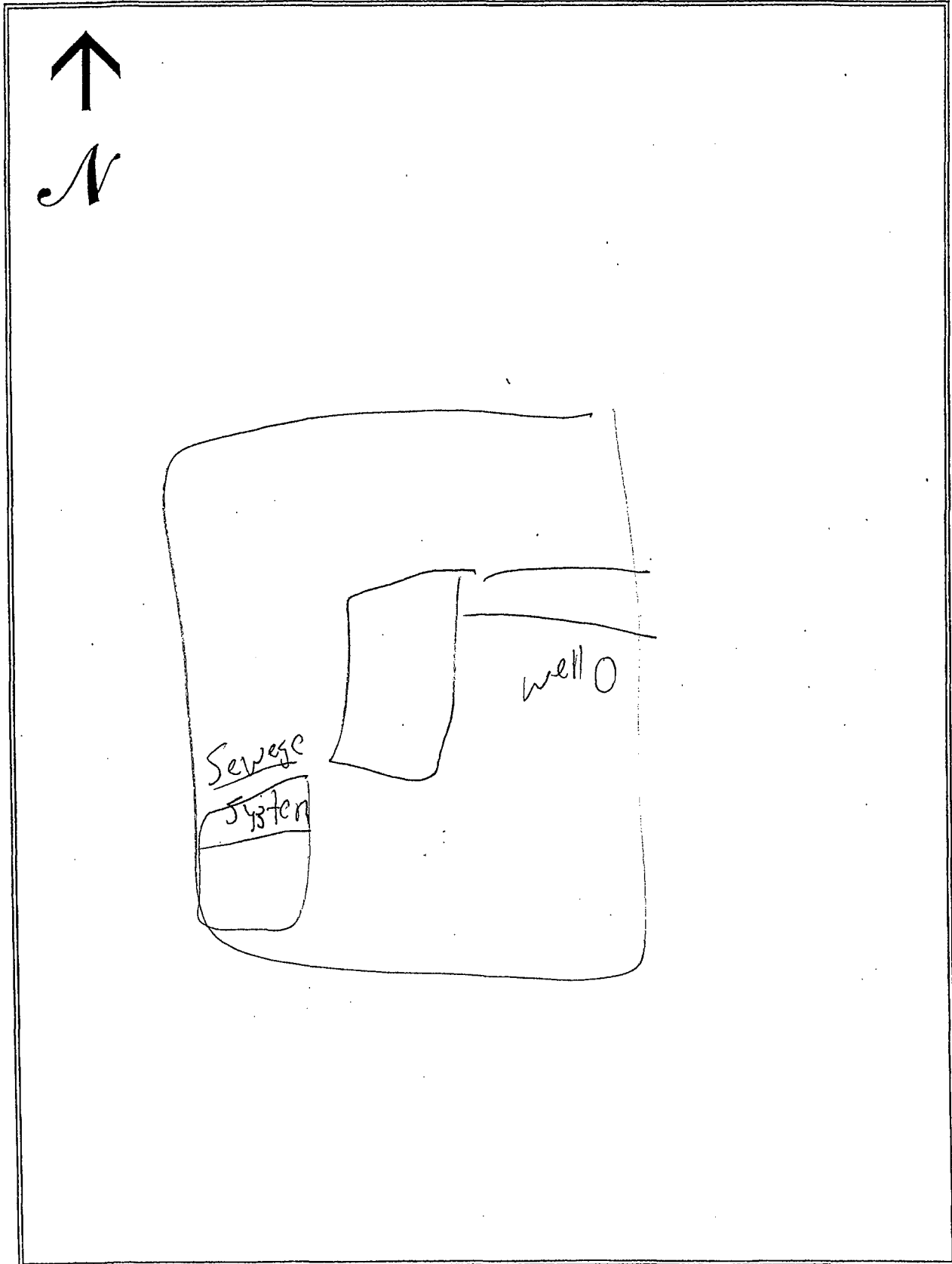
TANK REPAIRED/REPLACED      LINE: REPAIRED/REPLACED      DRAIN FIELD: REPAIRED/REPLACED     

13. Are there any other sewage problems you are aware of?

14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

201

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Richard Schissler PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 36 TROY DR.

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? \_\_\_\_\_
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field 150 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

<input checked="" type="checkbox"/> SEPTIC TANK	<input checked="" type="checkbox"/> INGROUND BED	<input type="checkbox"/> COMMUNITY SEWER
<input type="checkbox"/> CESSPOOL	<input type="checkbox"/> INGROUND TRENCH	<input type="checkbox"/> STORM SEWER
<input type="checkbox"/> OLD WELL	<input type="checkbox"/> ELEVATED SAND MOUND	<input type="checkbox"/> PIPE TO DITCH
<input type="checkbox"/> HOLDING TANK	<input type="checkbox"/> SEEPAGE PIT	<input type="checkbox"/> PIPE TO STEAM
<input type="checkbox"/> PRIVY	<input type="checkbox"/> BORE HOLE	<input type="checkbox"/> PIPE TO SURFACE
<input type="checkbox"/> PUBLIC SEWER	<input type="checkbox"/> OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

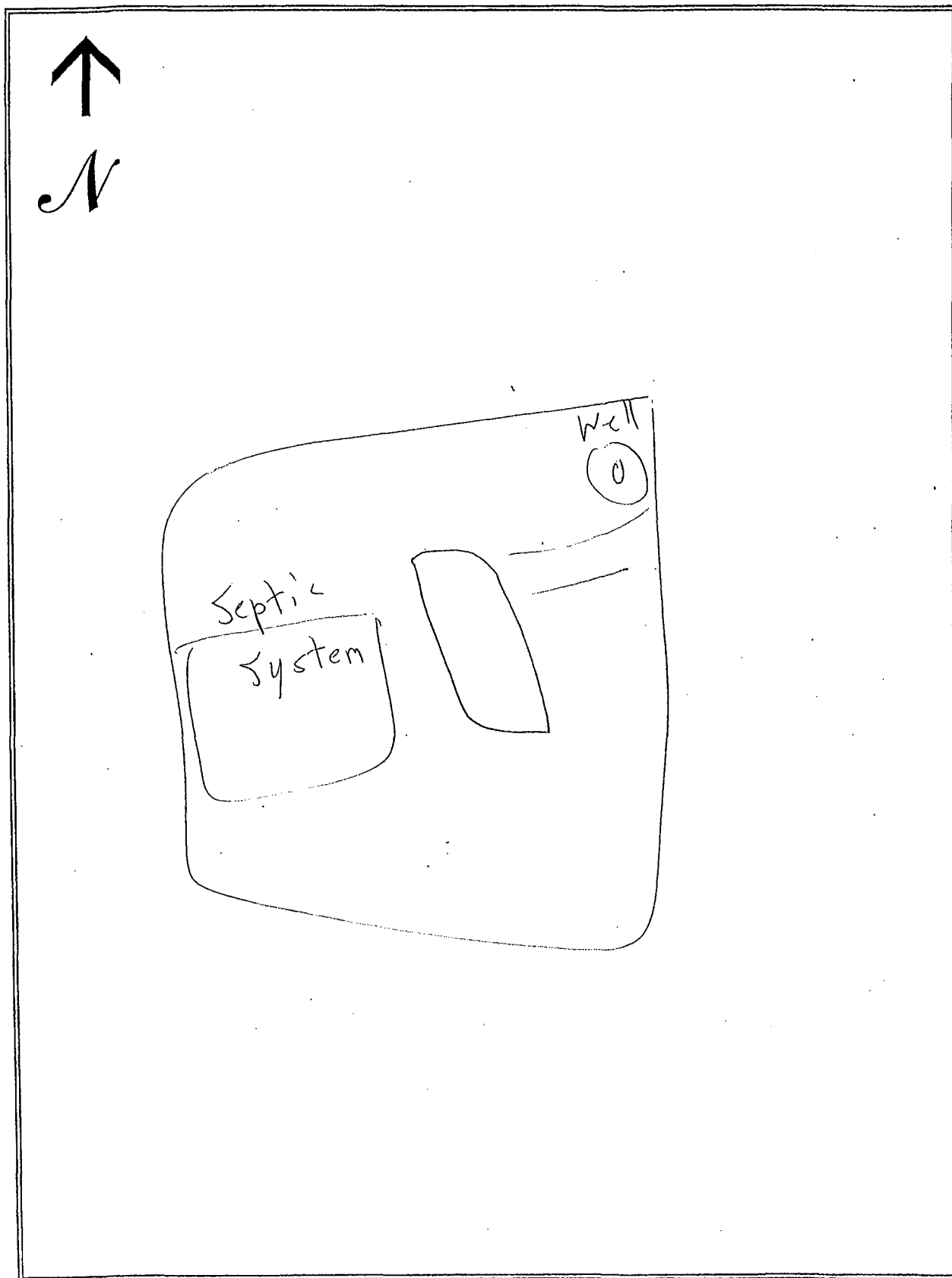
<input type="checkbox"/> SEPTIC TANK	<input type="checkbox"/> INGROUND BED	<input type="checkbox"/> COMMUNITY SEWER
<input type="checkbox"/> CESSPOOL	<input type="checkbox"/> INGROUND TRENCH	<input type="checkbox"/> STORM SEWER
<input type="checkbox"/> OLD WELL	<input type="checkbox"/> ELEVATED SAND MOUND	<input type="checkbox"/> PIPE TO DITCH
<input type="checkbox"/> HOLDING TANK	<input type="checkbox"/> SEEPAGE PIT	<input type="checkbox"/> PIPE TO STEAM
<input type="checkbox"/> PRIVY	<input type="checkbox"/> BORE HOLE	<input type="checkbox"/> PIPE TO SURFACE
<input type="checkbox"/> PUBLIC SEWER	<input type="checkbox"/> OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

<input type="checkbox"/> GREEN LUSH GRASS	<input type="checkbox"/> WETNESS OR SPONGY AREAS
<input type="checkbox"/> ODORS	<input type="checkbox"/> WATER PONDING OR SURFACING
<input type="checkbox"/> SLUGGISH DRAINS	<input type="checkbox"/> WASTEWATER BACKING INTO THE HOME
<input type="checkbox"/> SYSTEM OVERFLOW	<input type="checkbox"/> OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:



## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include:* tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

1/1/1

202

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by 1/1/1 to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: DAVID STEWART PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 34 TROY DR

1. How many people live in your house? 4 SEASONAL / ALL YEAR?
2. How large is your lot? .75 acres
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? UV light & water softener  
If you have a well: Is it DUG or DRILLED? How Deep? 500 ft. Cased? YES or NO  
5. How far is the well or spring from the drain field 200 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? failed Bacteria
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

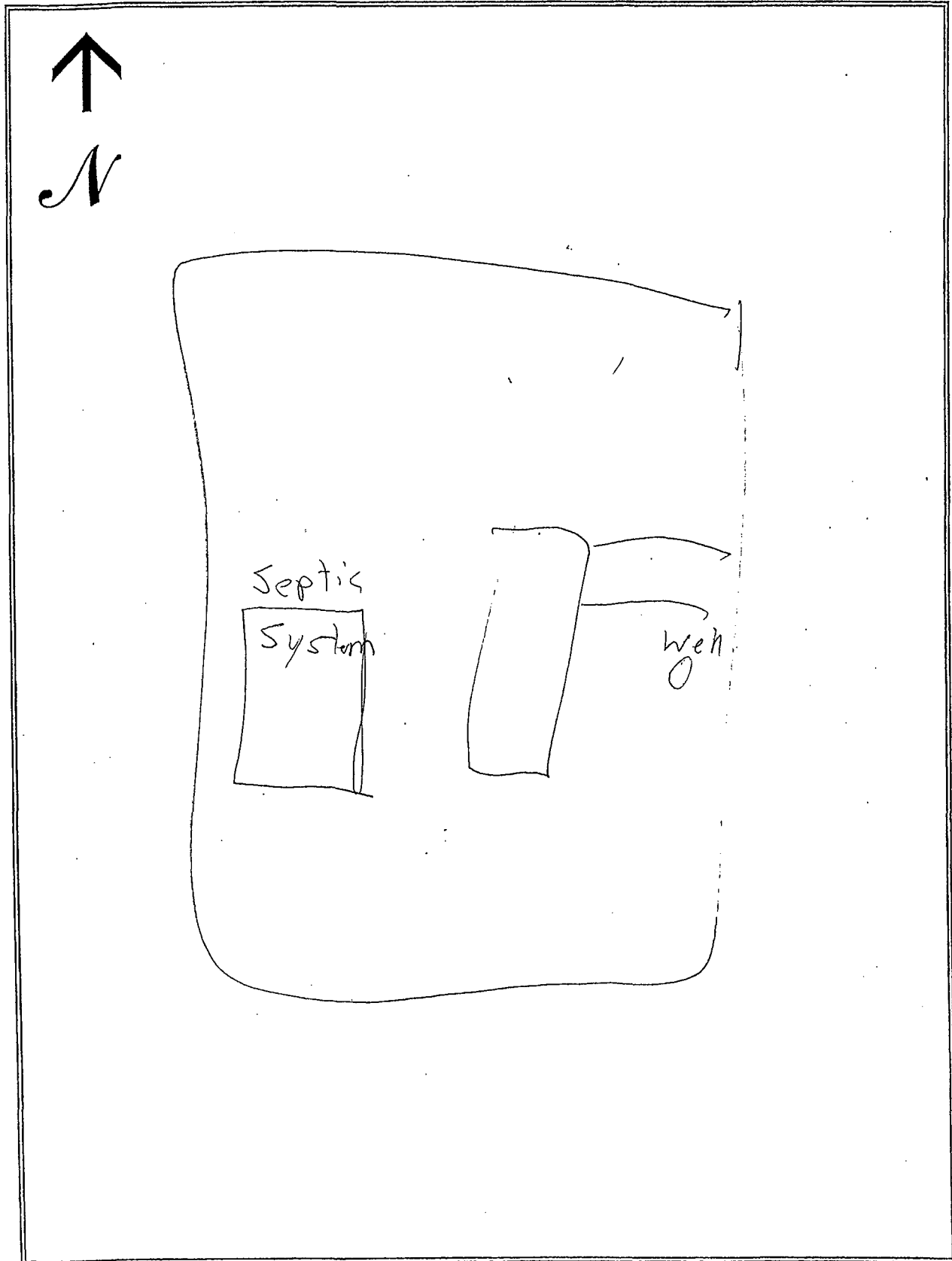
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 22 yrs Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? 3 yrs Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

203

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: DAVID SINGER PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 35 TROY DR.

- How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
- How large is your lot? \_\_\_\_\_
- Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
- What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
- How far is the well or spring from the drain field 175 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
- What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

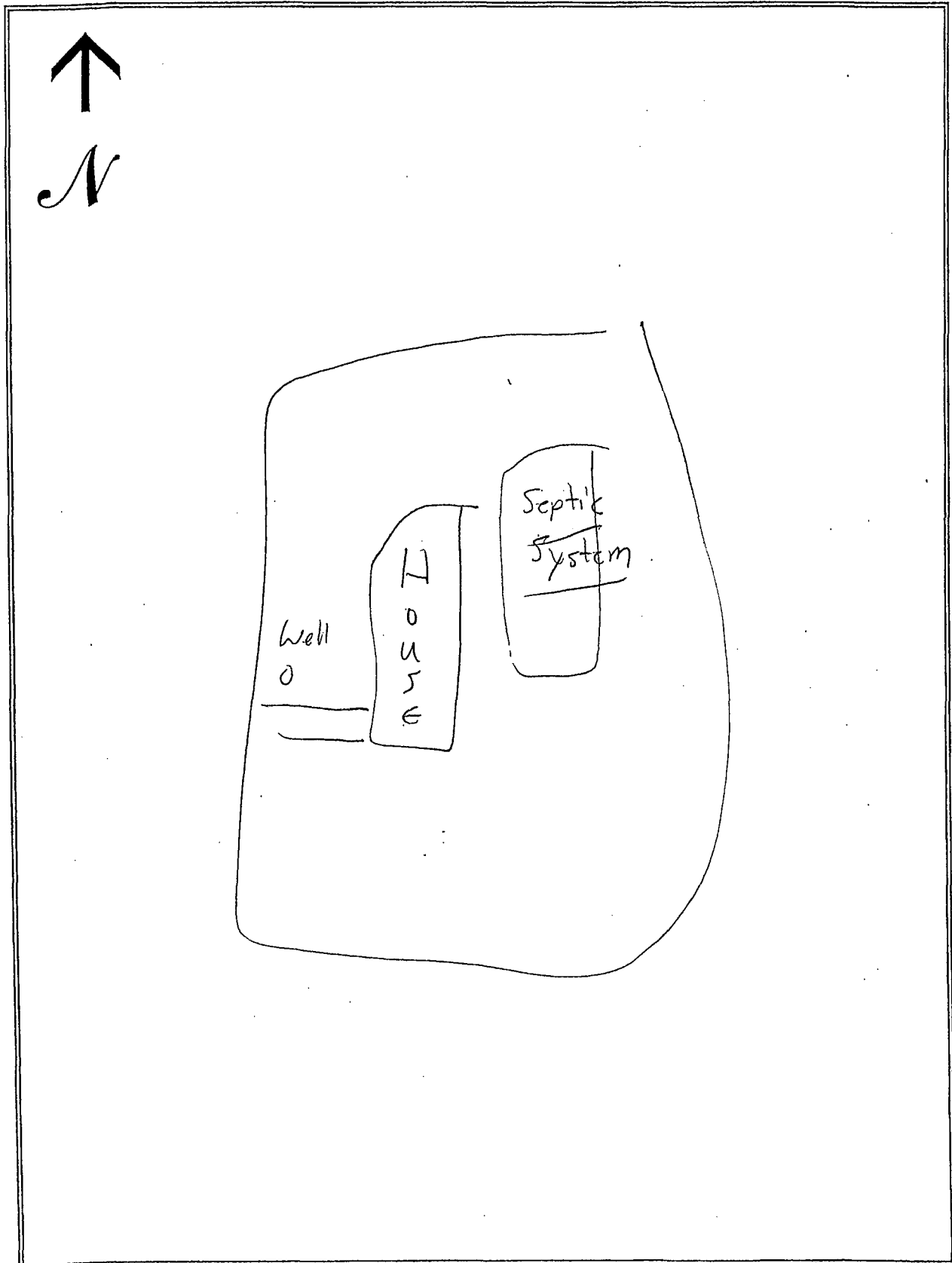
SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
- Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
- How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
- Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
- Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
- Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
- Are there any other sewage problems you are aware of?
- COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

204

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: GREGORY WILSON PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 214 Weaver DR.

1. How many people live in your house? 4 SEASONAL / ALL YEAR
2. How large is your lot? .75 acre
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? 175 ft. Cased? YES or NO \_\_\_\_\_
5. How far is the well or spring from the drain field 200 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? high in nitrate
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

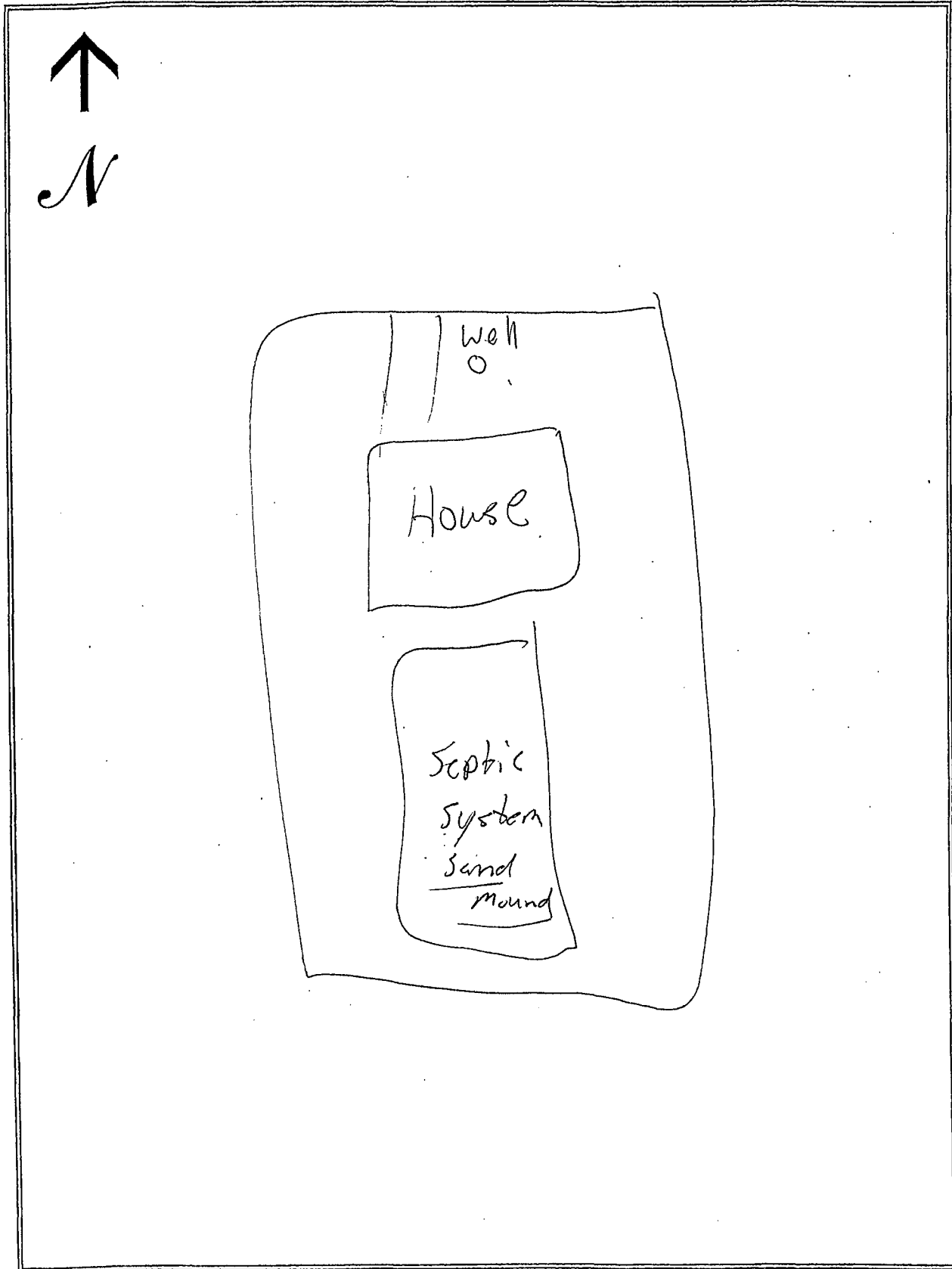
<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	<u>INGROUND TRENCH</u>	STORM SEWER
OLD WELL	<u>ELEVATED SAND MOUND</u>	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	<u>INGROUND TRENCH</u>	STORM SEWER
OLD WELL	<u>ELEVATED SAND MOUND</u>	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 13 yrs Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? twice Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

5/21/02

SAMPLE / MAP #

205

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Giambino PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 905 NEWPORT RD.

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? 0.44
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

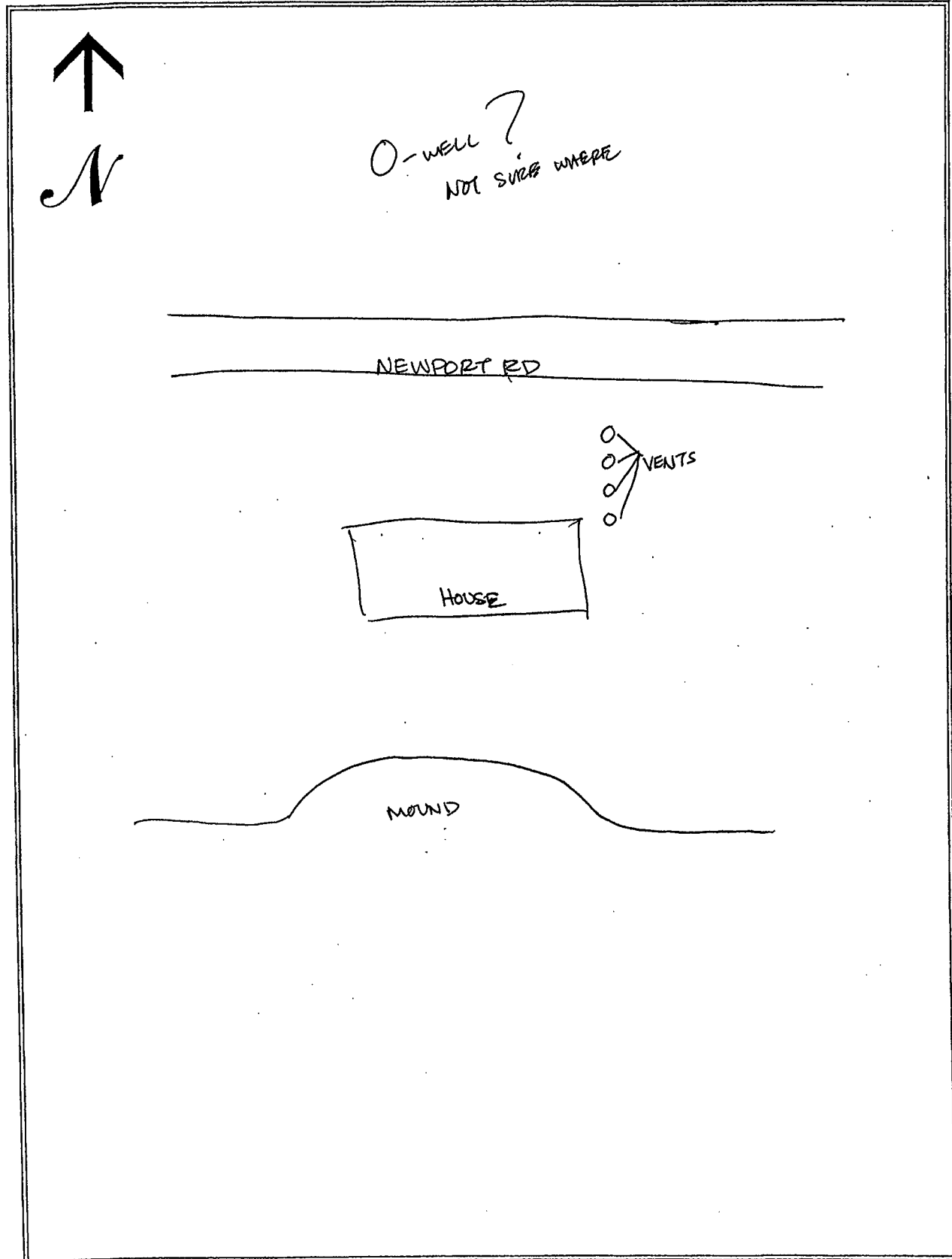
SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:



# LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

SAMPLE/MAP #

1/1/

206 (1.00)

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by 1/1/ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: McLaughlin PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 438 W Newport Rd

- How many people live in your house? 3 SEASONAL ALL YEAR?
- How large is your lot? .50 ac
- Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
- What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? 200 ft. Cased? YES or NO  
5. How far is the well or spring from the drain field 200 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? NOV 1967  
What were the results? \_\_\_\_\_
- What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

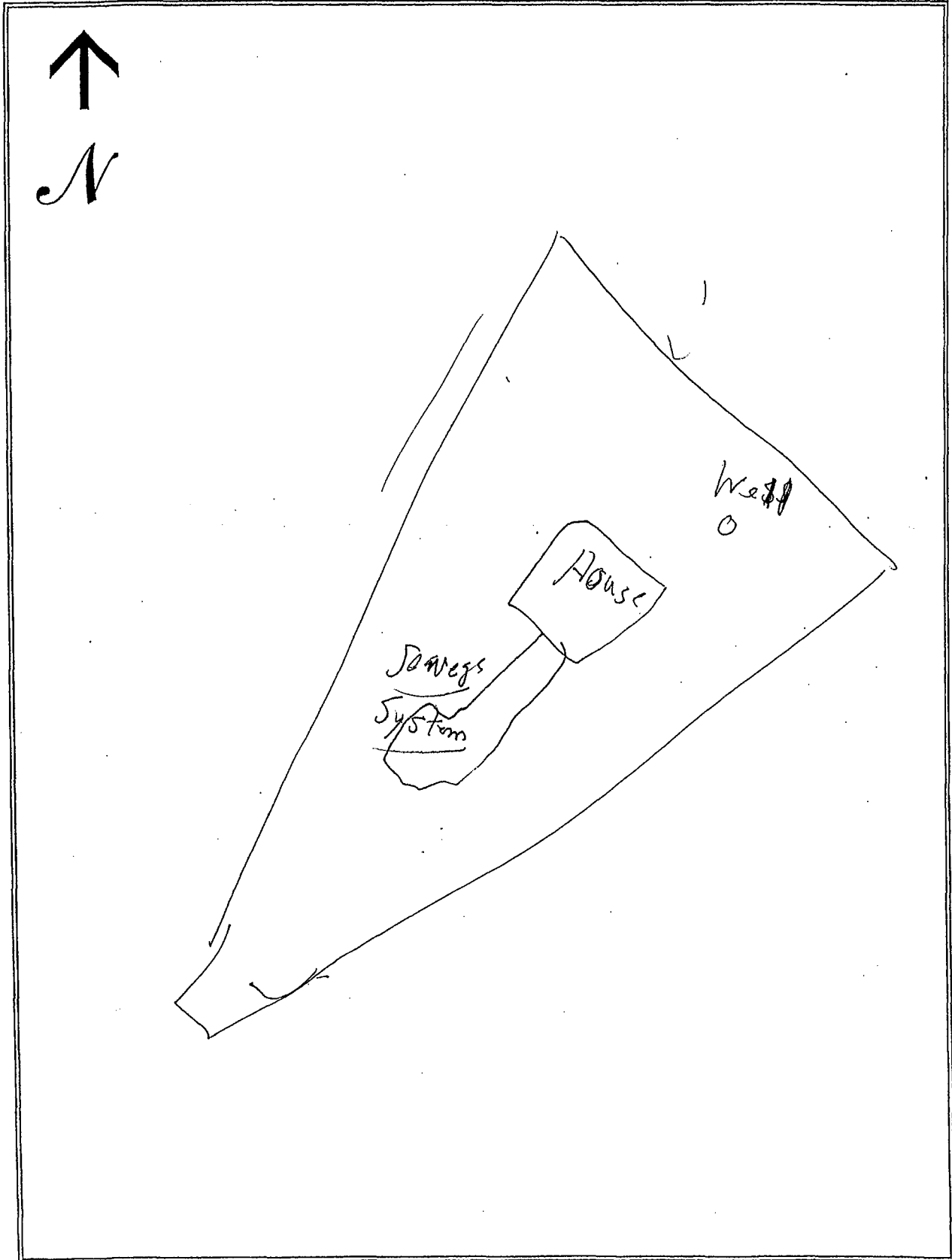
<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
<u>CESSPOOL</u>	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
- Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
<u>CESSPOOL</u>	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
- How old is your system? 40 yrs Was it permitted? Y / N When? \_\_\_\_\_
- Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
- Was your system every pumped out? YES or NO How often? 2 yrs Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
- Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
- Are there any other sewage problems you are aware of?
- COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

5/29/02

SAMPLE / MAP #

207

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Brian Dill PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 1120 Mountain Rd

1. How many people live in your house? 2 SEASONAL / ALL YEAR?
2. How large is your lot? 1 1/2 Acre
3. Do you have more than one sewage system on your lot? YES or (NO)  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR (NO) If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or (DRILLED) How Deep? 270 ft. Cased? YES or NO \_\_\_\_\_
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or (NO) When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

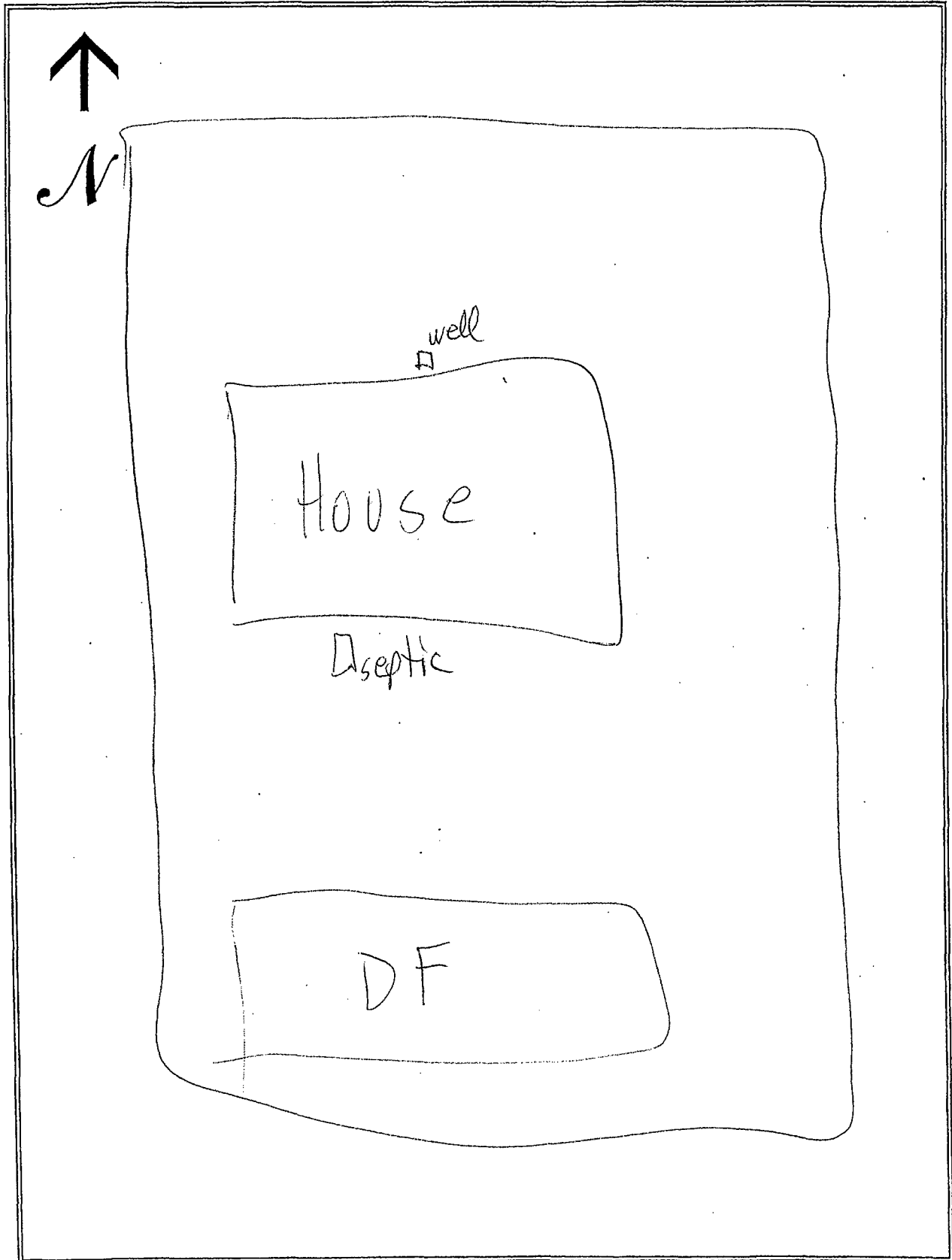
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 20 yrs Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? (YES) or NO How often? 2 yrs Last time? 9 months  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or (NO) When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



208-222  
EXCEPT 217

SEWAGE NEEDS  
MAIL SURVEY

5/20/02

SAMPLE / MAP #

208

PENN (Boro./Twp) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by      /      /      to the municipal office at:

If you have any questions please contact                      at (      )      -     .

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: AUCKER PHONE: (      )      -       
ADDRESS: 759 PENN AVE (POSSIBLE APT COMPLEX)

1. How many people live in your house?      SEASONAL / ALL YEAR?
2. How large is your lot? 0.37
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain:
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER?       
Do you treat your water? YES OR NO If yes, how?                       
If you have a well: Is it DUG or DRILLED? How Deep?      ft. Cased? YES or NO
5. How far is the well or spring from the drain field      ft. Is well UP/DOWNSLOPE       
Have you every had your water tested? YES or NO When?                       
What were the results?
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)

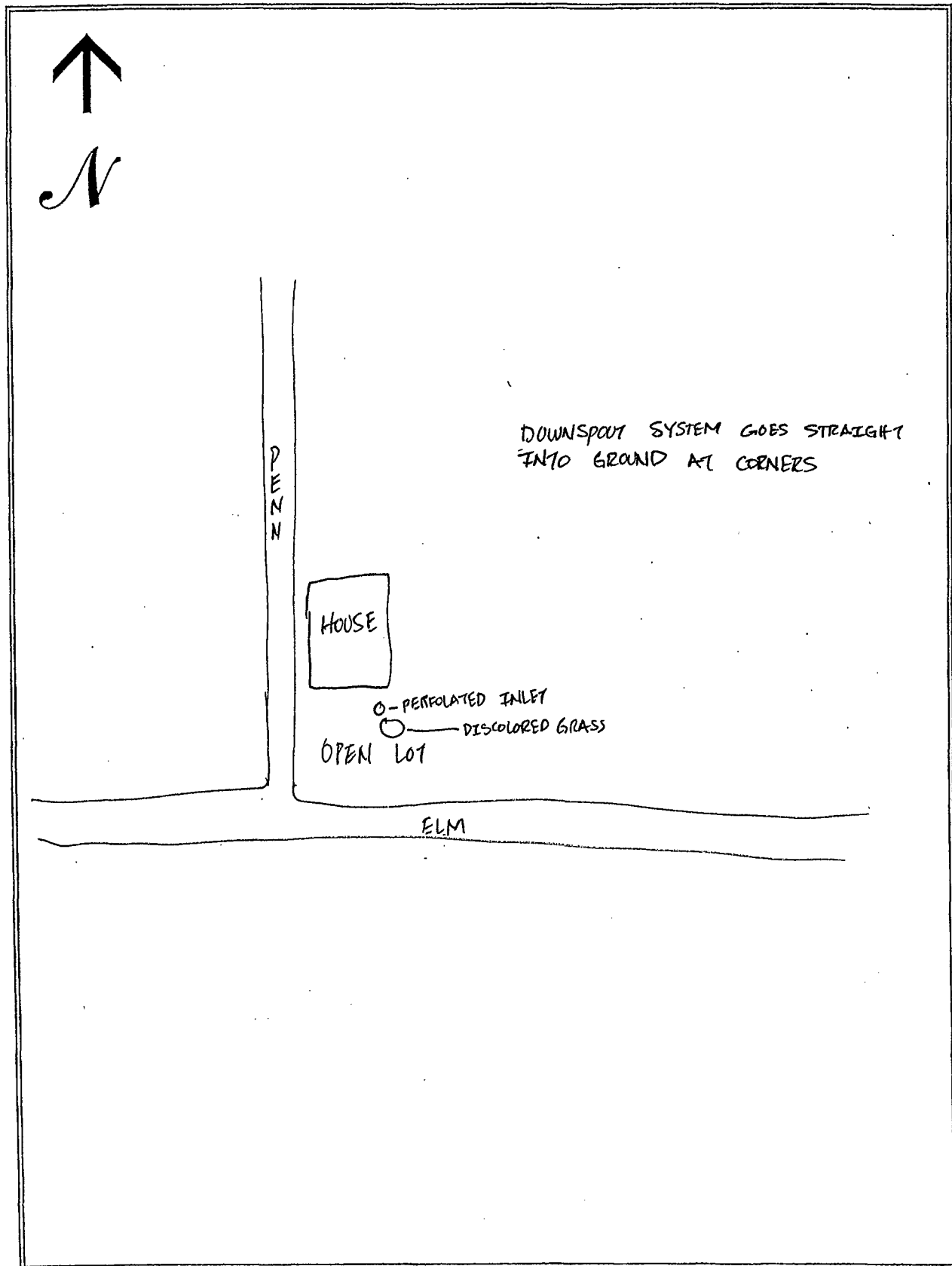
SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER <u>                    </u>	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER <u>                    </u>	
9. How old is your system?      Was it permitted? Y / N When?
10. Have you every noticed any of the following near your septic system?

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER <u>                    </u>
11. Was your system every pumped out? YES or NO How often?      Last time?       
If it was pumped, was it inspected for cracks or broken baffles?
12. Was your system ever repaired? YES or NO When?                      By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

5/20/02

SAMPLE / MAP #

209

PENN (Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: MARTIN PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 725 PENN ROAD

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? 0.37
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

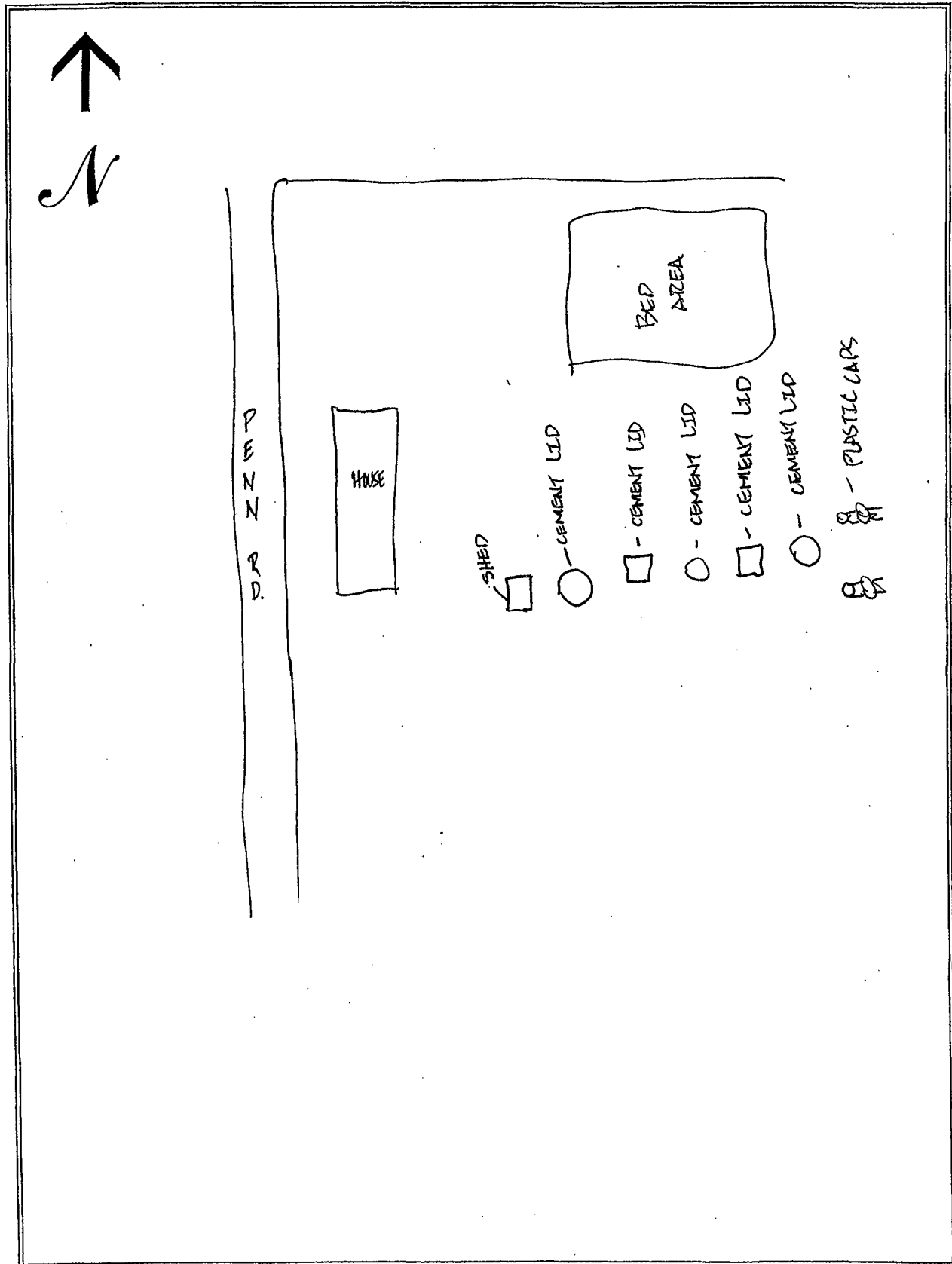
SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

<u>GREEN LUSH GRASS</u>	WETNESS OR SPONGY AREAS
<u>ODORS</u>	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:



## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

5/20/02

SAMPLE / MAP #

210

PENN (Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: MILLER PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 723 PENN ROAD

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? 0.40
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

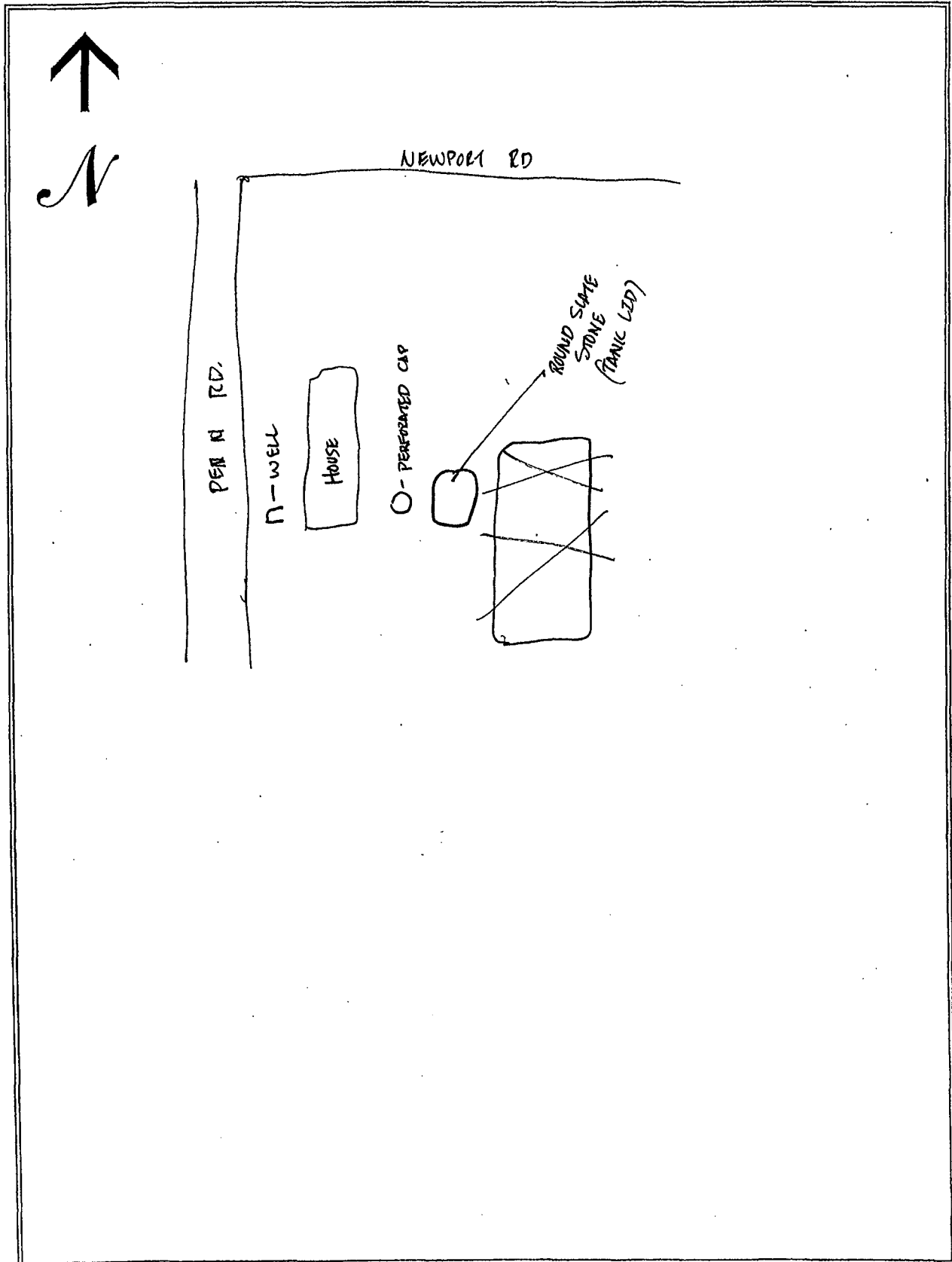
<input checked="" type="checkbox"/> SEPTIC TANK	<input checked="" type="checkbox"/> INGROUND BED	COMMUNITY SEWER
<input type="checkbox"/> CESSPOOL	<input type="checkbox"/> INGROUND TRENCH	STORM SEWER
<input type="checkbox"/> OLD WELL	<input type="checkbox"/> ELEVATED SAND MOUND	PIPE TO DITCH
<input type="checkbox"/> HOLDING TANK	<input type="checkbox"/> SEEPAGE PIT	PIPE TO STEAM
<input type="checkbox"/> PRIVY	<input type="checkbox"/> BORE HOLE	PIPE TO SURFACE
<input type="checkbox"/> PUBLIC SEWER	<input type="checkbox"/> OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

<input checked="" type="checkbox"/> SEPTIC TANK	<input checked="" type="checkbox"/> INGROUND BED	COMMUNITY SEWER
<input type="checkbox"/> CESSPOOL	<input type="checkbox"/> INGROUND TRENCH	STORM SEWER
<input type="checkbox"/> OLD WELL	<input type="checkbox"/> ELEVATED SAND MOUND	PIPE TO DITCH
<input type="checkbox"/> HOLDING TANK	<input type="checkbox"/> SEEPAGE PIT	PIPE TO STEAM
<input type="checkbox"/> PRIVY	<input type="checkbox"/> BORE HOLE	PIPE TO SURFACE
<input type="checkbox"/> PUBLIC SEWER	<input type="checkbox"/> OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

<input type="checkbox"/> GREEN LUSH GRASS	<input type="checkbox"/> WETNESS OR SPONGY AREAS
<input type="checkbox"/> ODORS	<input type="checkbox"/> WATER PONDING OR SURFACING
<input type="checkbox"/> SLUGGISH DRAINS	<input type="checkbox"/> WASTEWATER BACKING INTO THE HOME
<input type="checkbox"/> SYSTEM OVERFLOW	<input type="checkbox"/> OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

5/20/02

SAMPLE/MAP #

211

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: FARRINGTON PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 636 W NEWDET RD

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? 0.42
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

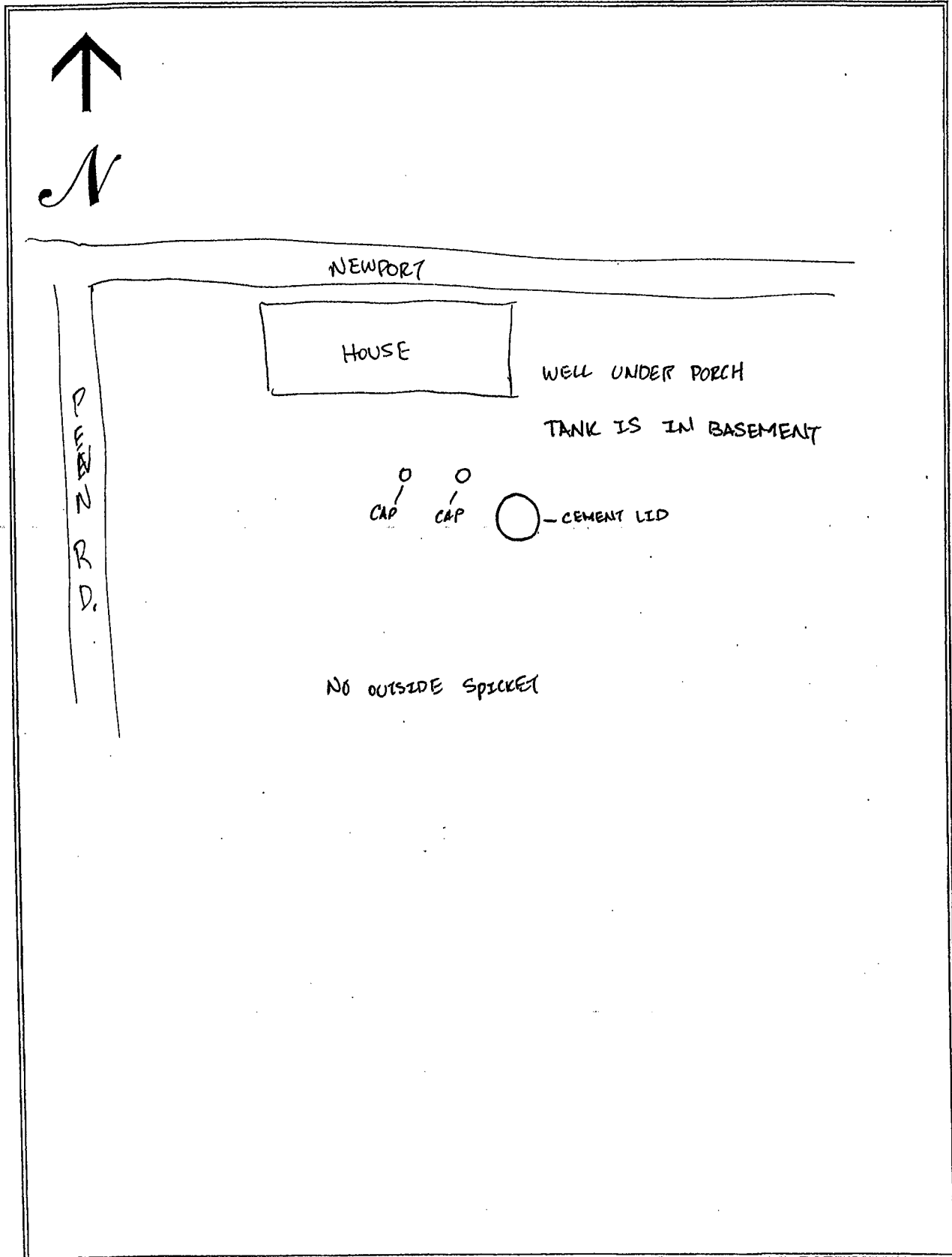
SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

# LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

5/20/02

SAMPLE / MAP #

212

PENN (Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by 5/20/02 to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: DOUGLAS LONGENECKER PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 632 NEWPORT RD

- How many people live in your house? 4 SEASONAL / ALL YEAR?
- How large is your lot? 0.7
- Do you have more than one sewage system on your lot? YES or (NO)  
If yes, explain: \_\_\_\_\_
- What kind of water system do you have? (WELL) SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR (NO) If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or (DRILLED)? How Deep? 2400 ft. Cased? (YES) or NO NOT WHOLE WAY
- How far is the well or spring from the drain field 30 ft. Is well UP/(DOWNSLOPE) \_\_\_\_\_  
Have you every had your water tested? YES or (NO) When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
- What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

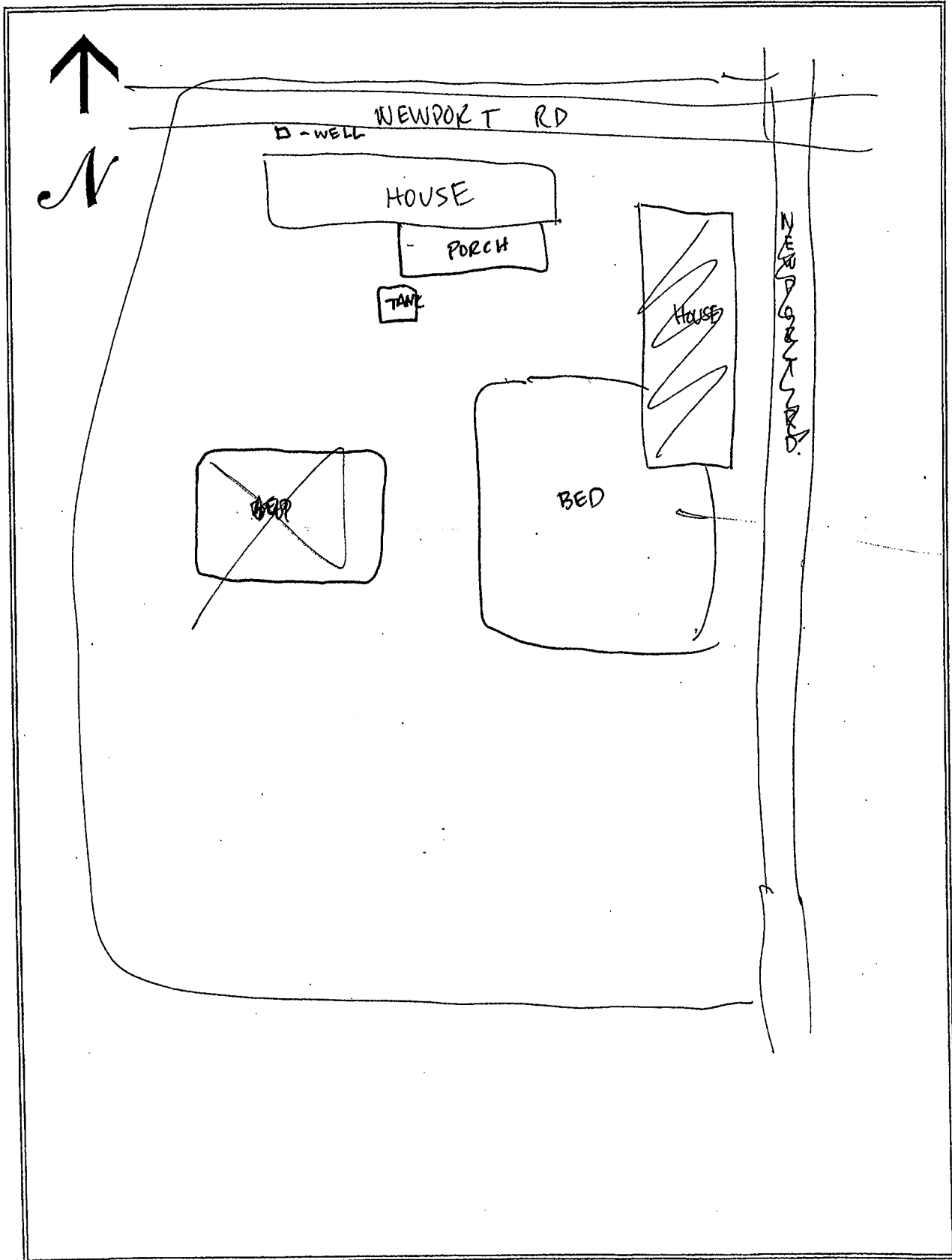
<u>(SEPTIC TANK)</u>	<u>(INGROUND BED)</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
- Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>(SEPTIC TANK)</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
- How old is your system? 21-22 yrs. Was it permitted? (Y) N When? 80-81'
- Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS	<u>NONE</u>
ODORS	WATER PONDING OR SURFACING	
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME	
SYSTEM OVERFLOW	OTHER _____	
- Was your system every pumped out? (YES) or NO How often? 3 yrs. Last time? 2000'  
If it was pumped, was it inspected for cracks or broken baffles? YES
- Was your system ever repaired? YES or (NO) When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
- Are there any other sewage problems you are aware of?
- COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

5/20/02

SAMPLE / MAP #

214

PENN (Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: SCHILL PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 446 ELM RD

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? 0.70
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

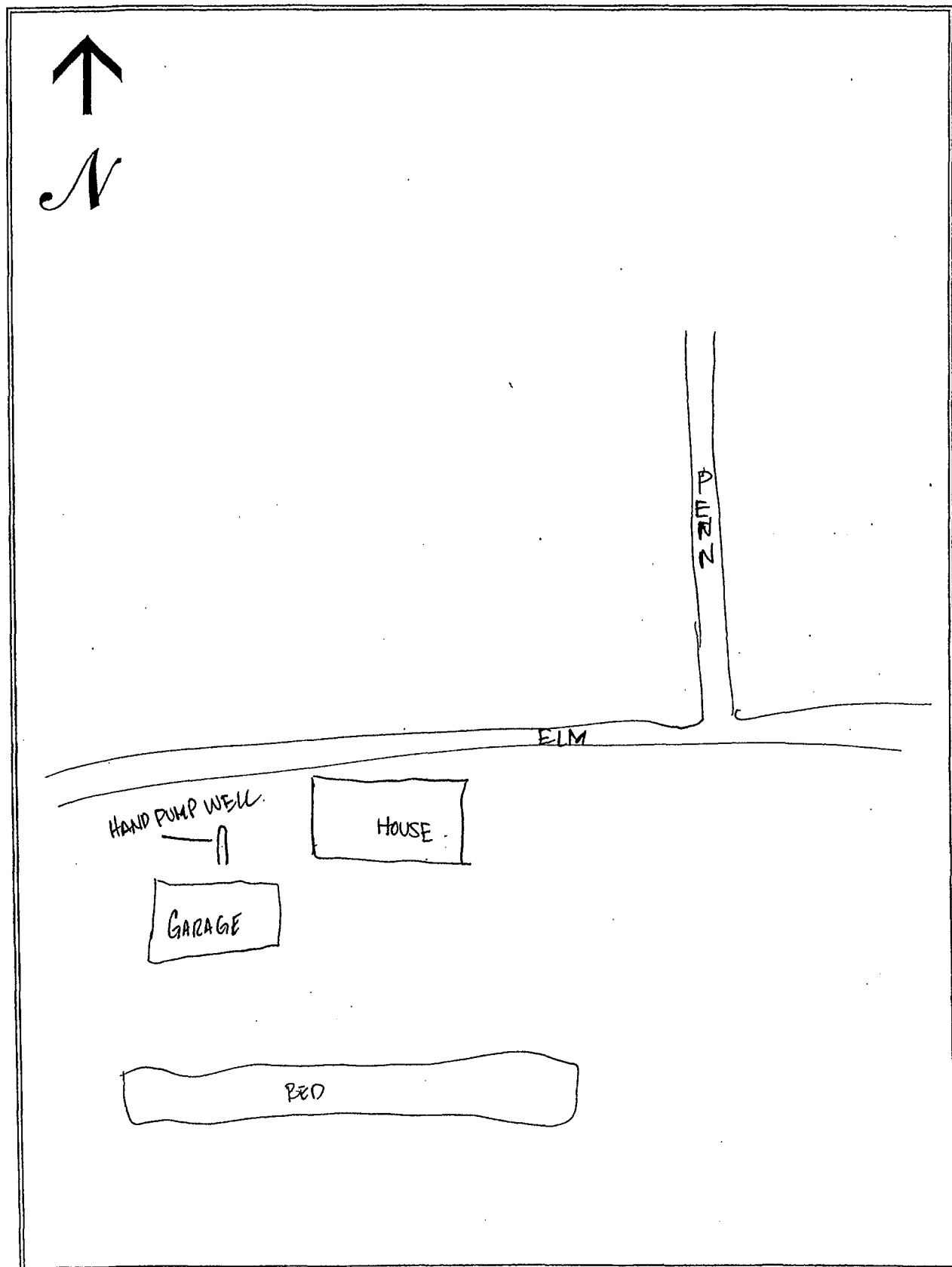
SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:



## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

5/20/02

SAMPLE / MAP #

215

PENN (Boro. 1wp) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by      /      /      to the municipal office at:

If you have any questions please contact                      at (      )      -     .

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: BRANDT PHONE: (      )      -     

ADDRESS: 710 W. NEWPORT RD

1. How many people live in your house? 2 SEASONAL / ALL YEAR?
2. How large is your lot? 1.03
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain:
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER?               
Do you treat your water? YES OR NO If yes, how? WATER SOFTENER  
If you have a well: Is it DUG or DRILLED? How Deep?      ft. Cased? YES or NO
5. How far is the well or spring from the drain field 200 ft. Is well UP/DOWN SLOPE       
Have you every had your water tested? YES or NO When?               
What were the results?
7. What kind of sewage system do you have? (CIRCLE ALL THAT APPLY)  

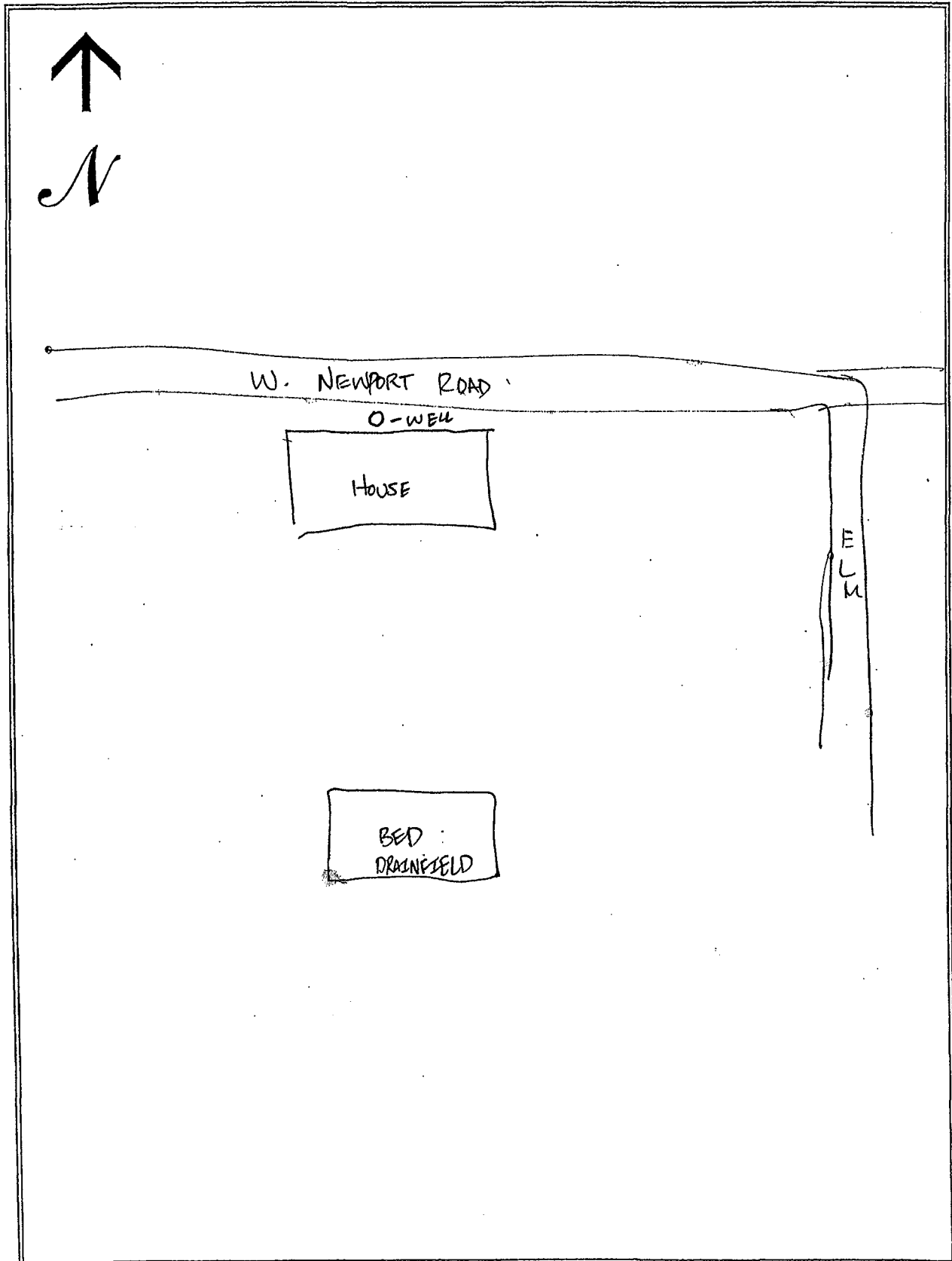
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	<u>INGROUND TRENCH</u>	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER <u>            </u>	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER <u>            </u>	
9. How old is your system? 2 yrs Was it permitted? Y / N When?
10. Have you every noticed any of the following near your septic system? NONE  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER <u>            </u>
11. Was your system every pumped out? YES or NO How often? 100 4 yrs. Last time? NO  
If it was pumped, was it inspected for cracks or broken baffles?
12. Was your system ever repaired? YES or NO When?                      By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

5/20/02

SAMPLE / MAP #

216

PENN (Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: STAUFFER PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 730 W. NEWPORT ROAD

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? 0.70
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

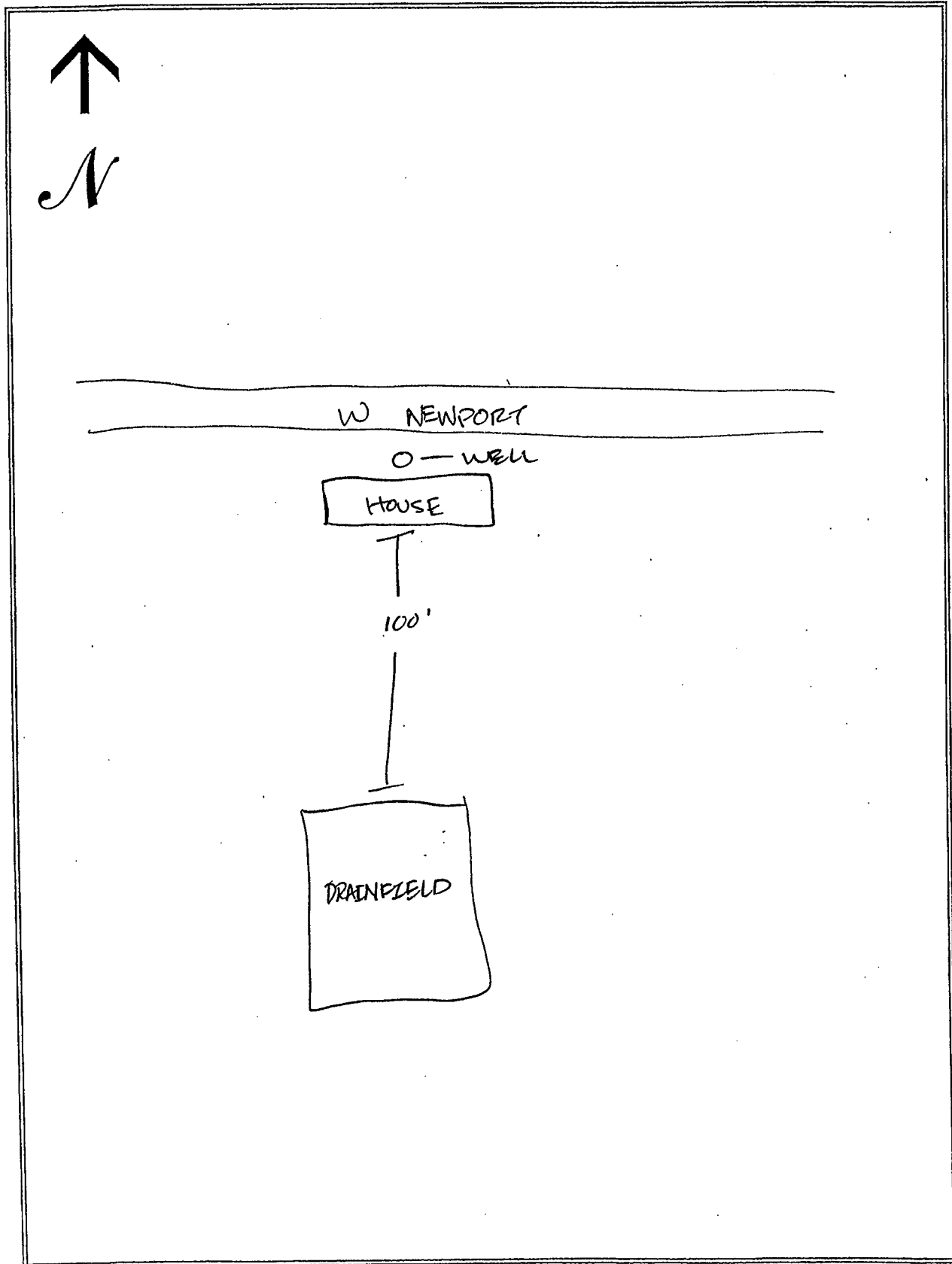
SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

5/28/02

SAMPLE / MAP #

WBR 217

PENN (Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by      /      /      to the municipal office at:

If you have any questions please contact                      at (      )      -     .

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Hosler PHONE: (      )      -     

ADDRESS: 744 NEWPORT RD.

1. How many people live in your house?      SEASONAL / ALL YEAR?
2. How large is your lot? 1.79
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain:
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER?               
Do you treat your water? YES OR NO If yes, how?                       
If you have a well: Is it DUG or DRILLED? How Deep?              ft. Cased? YES or NO
5. How far is the well or spring from the drain field              ft. Is well UP/DOWNSLOPE               
Have you every had your water tested? YES or NO When?                       
What were the results?
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

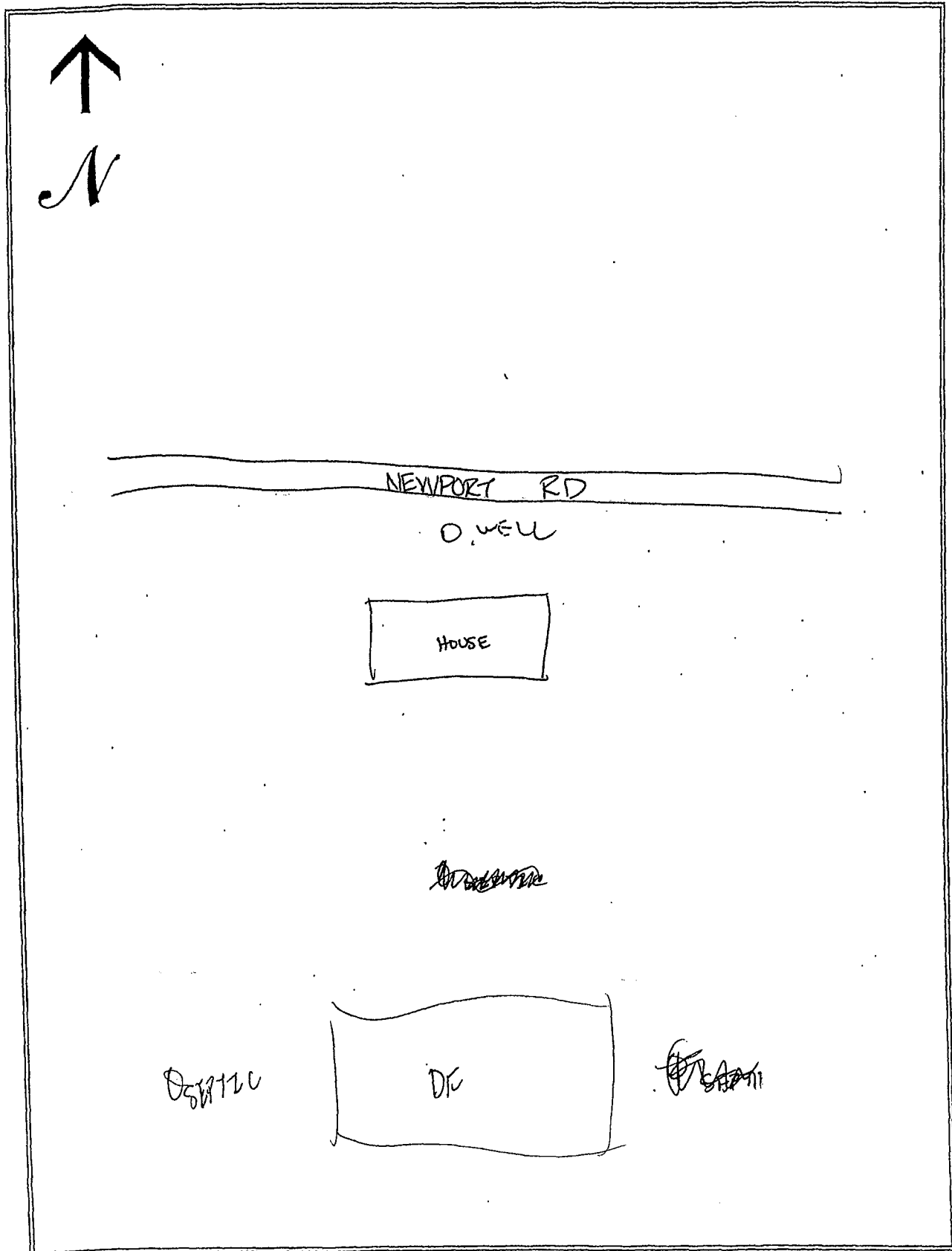
SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER <u>                    </u>	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER <u>                    </u>	
9. How old is your system?              Was it permitted? Y / N When?
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER <u>                    </u>
11. Was your system every pumped out? YES or NO How often?                      Last time?               
If it was pumped, was it inspected for cracks or broken baffles?
12. Was your system ever repaired? YES or NO When?                      By permit? YES / NO       
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

5120102

SAMPLE / MAP #

218

PENN (Boro. Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by     /     /     to the municipal office at:

If you have any questions please contact                                  at (     )     -     .

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: LAFUNESSE PHONE: (     )     -    

ADDRESS: 735 ROSEN RIDGE RD

1. How many people live in your house? 2 SEASONAL / ALL YEAR?
2. How large is your lot? 2.38
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain:
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER?                                   
Do you treat your water? YES OR NO If yes, how?                                   
If you have a well: Is it DUG or DRILLED? How Deep? 180 ft. Cased? YES or NO
5. How far is the well or spring from the drain field? 300 ft. Is well UP/DOWN SLOPE                                   
Have you every had your water tested? YES or NO When?                                   
What were the results?
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER <u>                                </u>	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

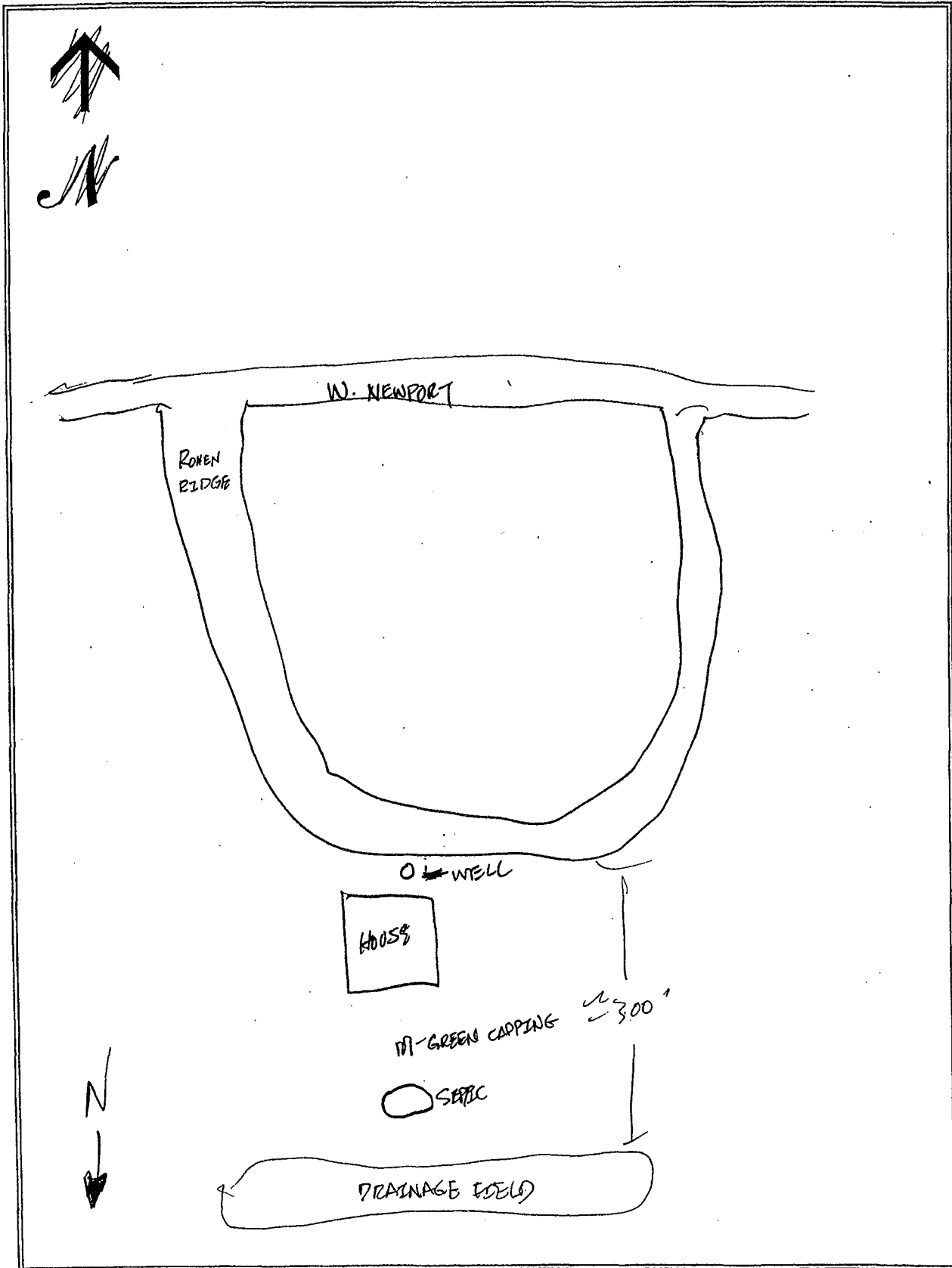
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER <u>                                </u>	
9. How old is your system? 1.5 yrs Was it permitted? Y N When?
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS	<u>NONE</u>
ODORS	WATER PONDING OR SURFACING	
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME	
SYSTEM OVERFLOW	OTHER <u>                                </u>	
11. Was your system every pumped out? YES or NO How often? NO Last time?                                   
If it was pumped, was it inspected for cracks or broken baffles?
12. Was your system ever repaired? YES or NO When? NO By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of? NO
14. COMMENTS:



## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

5/20/02

SAMPLE/MAP #

219

PENN (Boro./Twp) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: WOLFE PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 775 ROSEN RIDGE RD

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? 3.46
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

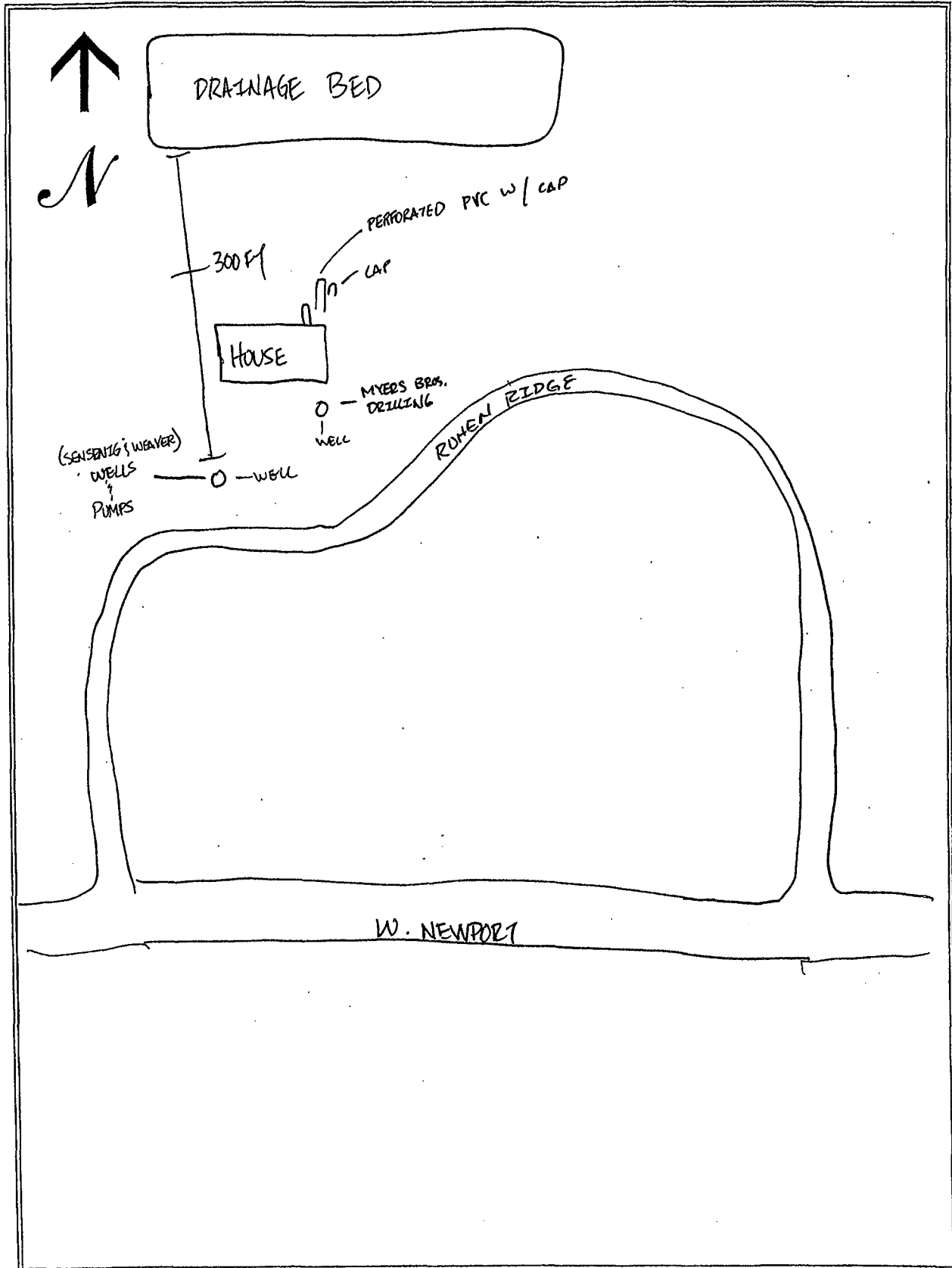
SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

5/20/02

SAMPLE/MAP #

220

PENN (Boro/Twp) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: FRONTZ PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 776 ROSEN RIDGE RD.

- How many people live in your house? 4 SEASONAL / ALL YEAR?
- How large is your lot? 2.07
- Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
- What kind of water system do you have? WELL SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? 500 ft. Cased? YES or NO / NOT SURE
- How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
- What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

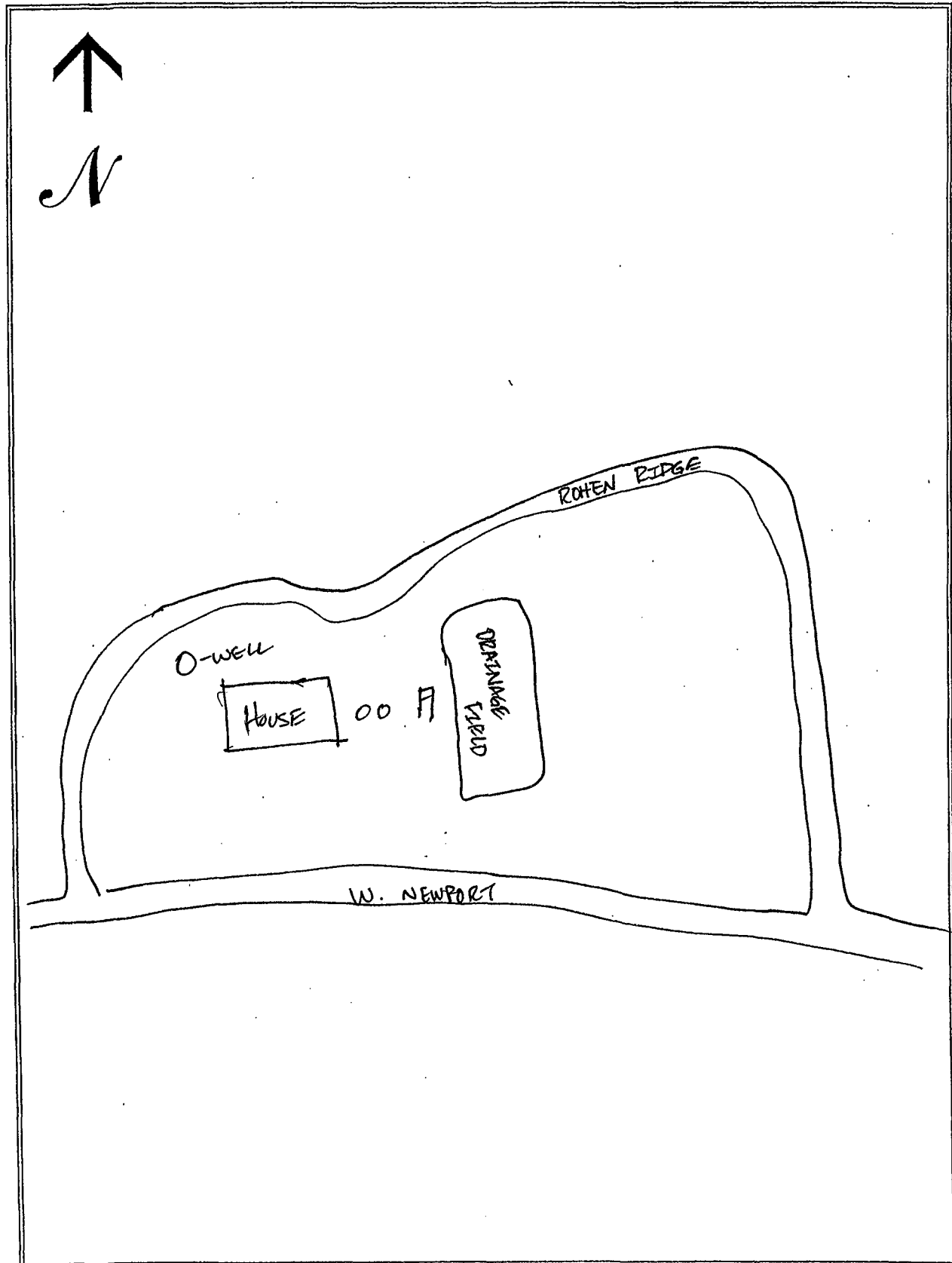
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
- Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
- How old is your system? 5 yrs. Was it permitted? Y / N When? \_\_\_\_\_
- Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS	<u>NONE</u>
ODORS	WATER PONDING OR SURFACING	
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME	
SYSTEM OVERFLOW	OTHER _____	
- Was your system every pumped out? YES or NO How often? 1 yr. Ago Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? YES 9 QUARTERLY
- Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
- Are there any other sewage problems you are aware of? NONE
- COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

5/20/02

SAMPLE/MAP #

224

PENN (Boro. Twp) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by      /      /      to the municipal office at:

If you have any questions please contact                      at (      )      -      .

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: BOOKMAN PHONE: (      )      -     

ADDRESS: 1385 E. MEADOW ROAD

1. How many people live in your house? 4 SEASONAL / ALL YEAR?
2. How large is your lot? 0.46
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain:
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER?               
Do you treat your water? YES OR NO If yes, how?               
If you have a well: Is it DUG or DRILLED? How Deep? 11/4 ft. Cased? YES or NO N/A
5. How far is the well or spring from the drain field              ft. Is well UP/DOWN DOWN SLOPE               
Have you every had your water tested? YES or NO When?               
What were the results?
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

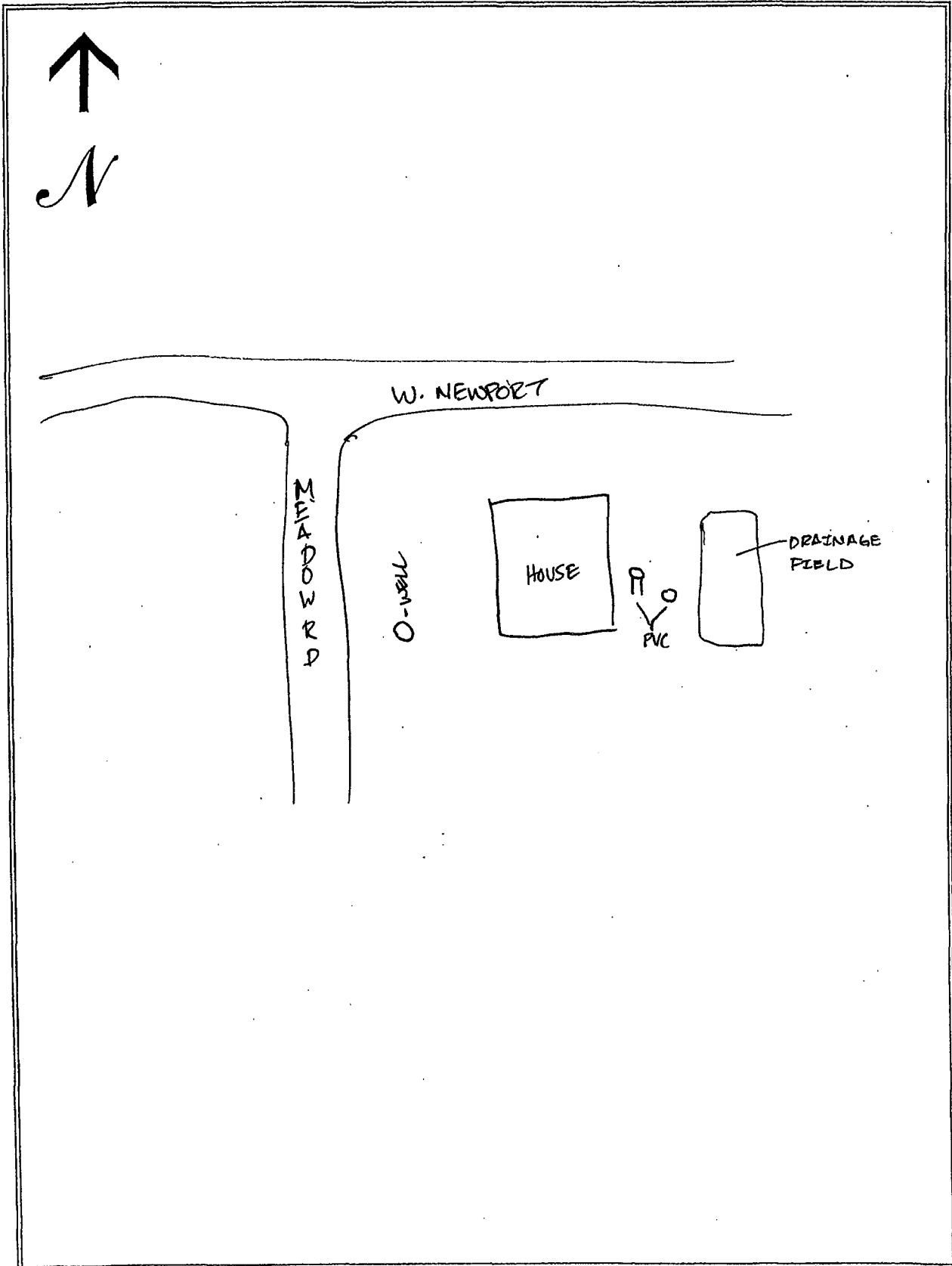
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER <u>            </u>	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER <u>            </u>	
9. How old is your system? ~18 Was it permitted? Y / N When?
10. Have you every noticed any of the following near your septic system?  

<u>GREEN LUSH GRASS</u>	WETNESS OR SPONGY AREAS
<u>ODORS</u>	WATER PONDING OR SURFACING
<u>SLUGGISH DRAINS</u>	WASTEWATER BACKING INTO THE HOME
<u>SYSTEM OVERFLOW</u>	OTHER <u>            </u>
11. Was your system every pumped out? YES or NO How often? 1 Last time? 1996  
If it was pumped, was it inspected for cracks or broken baffles? NO PROBLEMS
12. Was your system ever repaired? YES or NO When? NO By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED              LINE: REPAIRED/REPLACED              DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of? NO
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

5/20/02

SAMPLE / MAP #

222

PENN (Boro/Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: RADANOVIC PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 922 W. NEWPORT RD

- How many people live in your house? 4 SEASONAL / ALL YEAR?
- How large is your lot? 2.72
- Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
- What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? WATER SOFTENER  
If you have a well: Is it DUG or DRILLED? How Deep? 125 ft. Cased? YES or NO
- How far is the well or spring from the drain field 150 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? A YEAR AGO, 3 yrs. AGO  
What were the results? 3 yrs. AGO HAD COLIFORM, 1 yr. NEGATIVE
- What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	<u>SAND MOUND</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH		STORM SEWER
OLD WELL	ELEVATED SAND MOUND		PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT		PIPE TO STEAM
PRIVY	BORE HOLE		PIPE TO SURFACE
PUBLIC SEWER	OTHER _____		
- Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

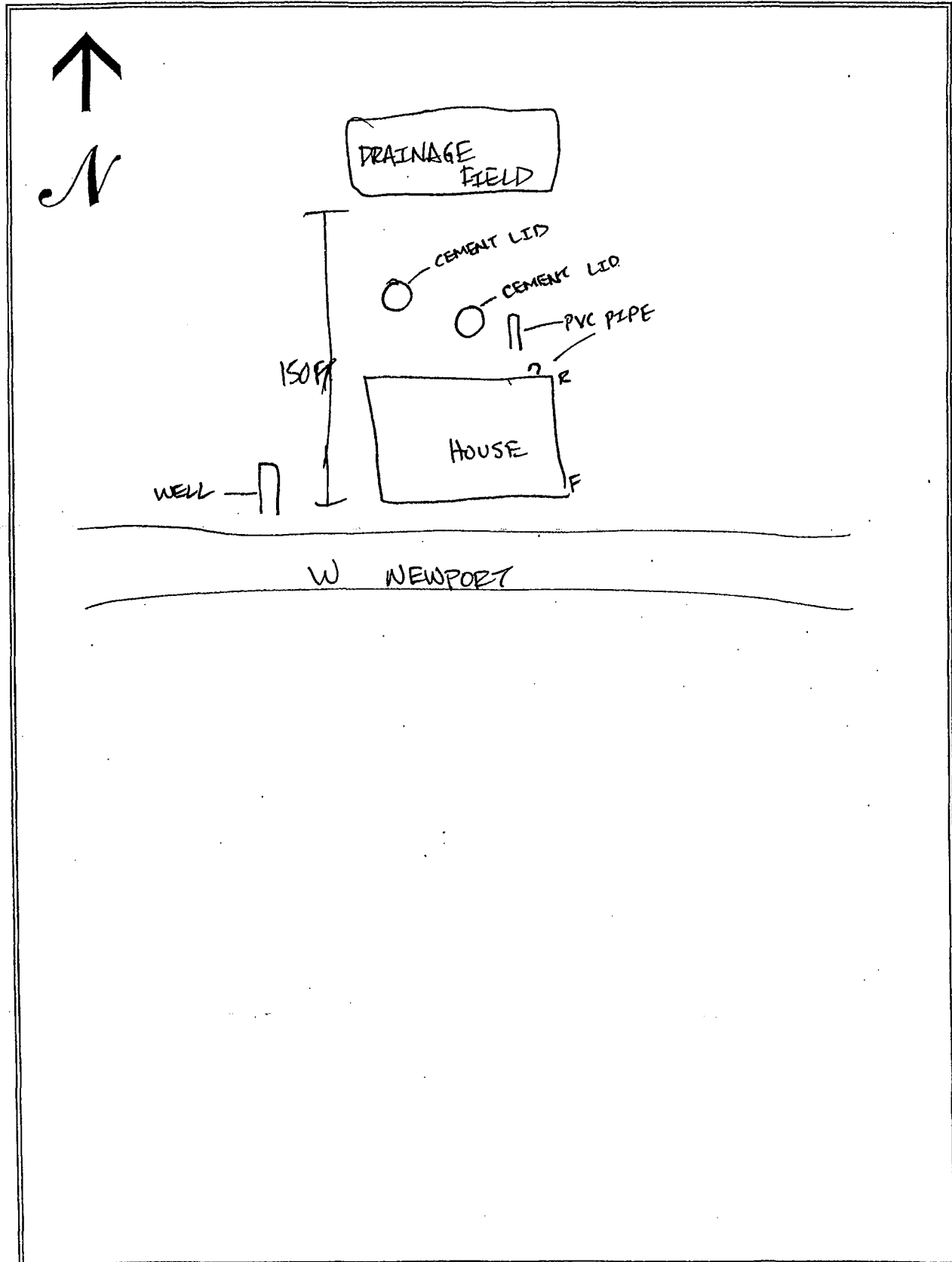
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
- How old is your system? 3 yrs. Was it permitted? Y / N When? \_\_\_\_\_
- Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS	<u>NONE</u>
ODORS	WATER PONDING OR SURFACING	
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME	
SYSTEM OVERFLOW	OTHER _____	
- Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
- Was your system ever repaired? YES or NO When? 1 yr. AGO By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
- Are there any other sewage problems you are aware of? NONE
- COMMENTS:



## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

5/21/02

SAMPLE/MAP #

223

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: GALEBACH PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: NEWPORT RD

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? 0.45
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

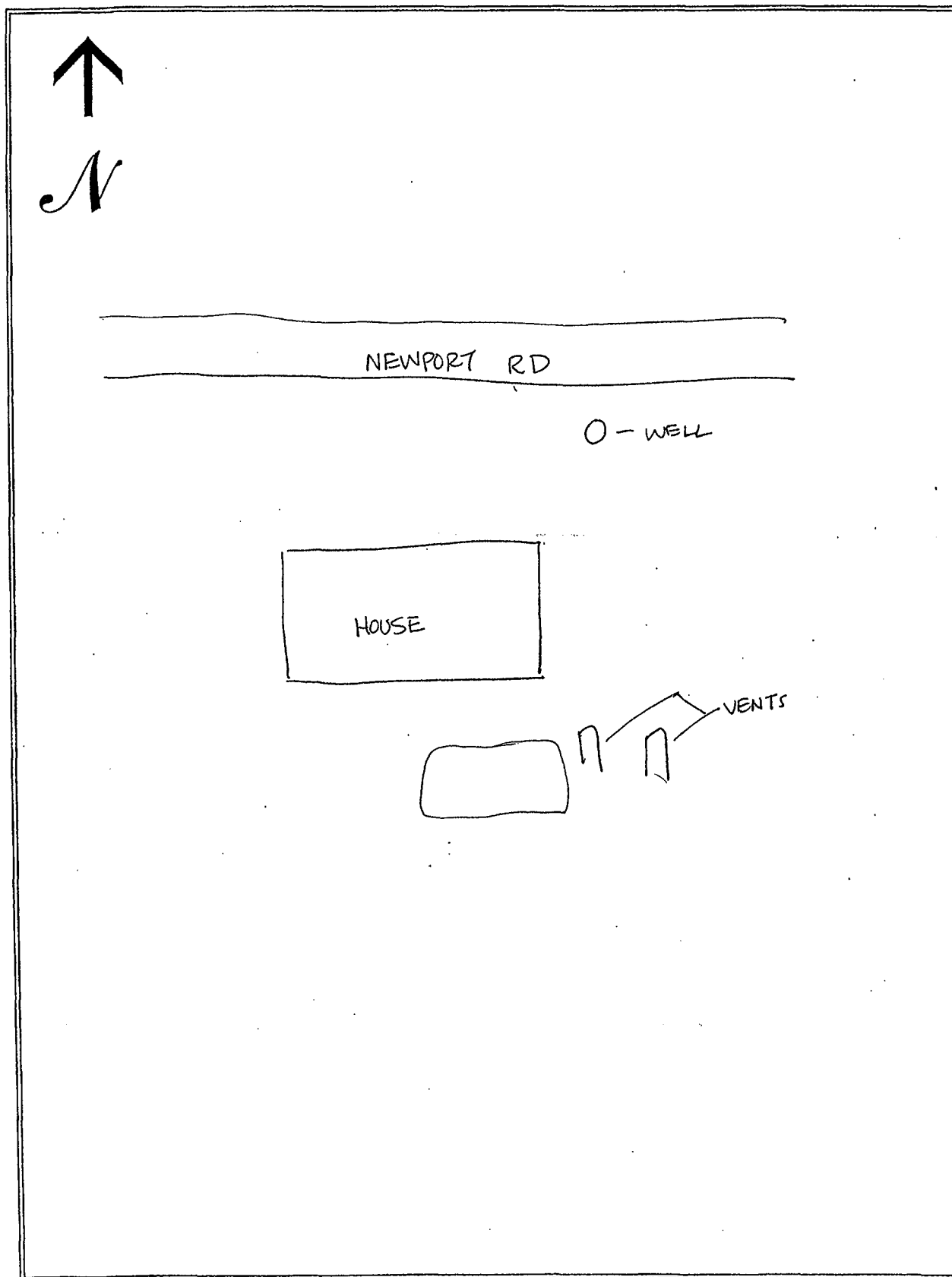
SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

# LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

5/21/02

SAMPLE / MAP #

224

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: 915 BRUECKHART PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 974 NEWPORT RD.

- How many people live in your house? 4 SEASONAL / ALL YEAR
- How large is your lot? 2.30
- Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
- What kind of water system do you have? WELL SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? WATER SOFTENER; UV TREAT  
If you have a well: Is it DUG or DRILLED? How Deep? 400 ft. Cased? YES or NO  
How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWNSLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? AUG. 2001  
What were the results? NO NITRATES, TOTAL COLIFORM PRESENT.
- What kind of sewage system do you have? (CIRCLE ALL THAT APPLY)  

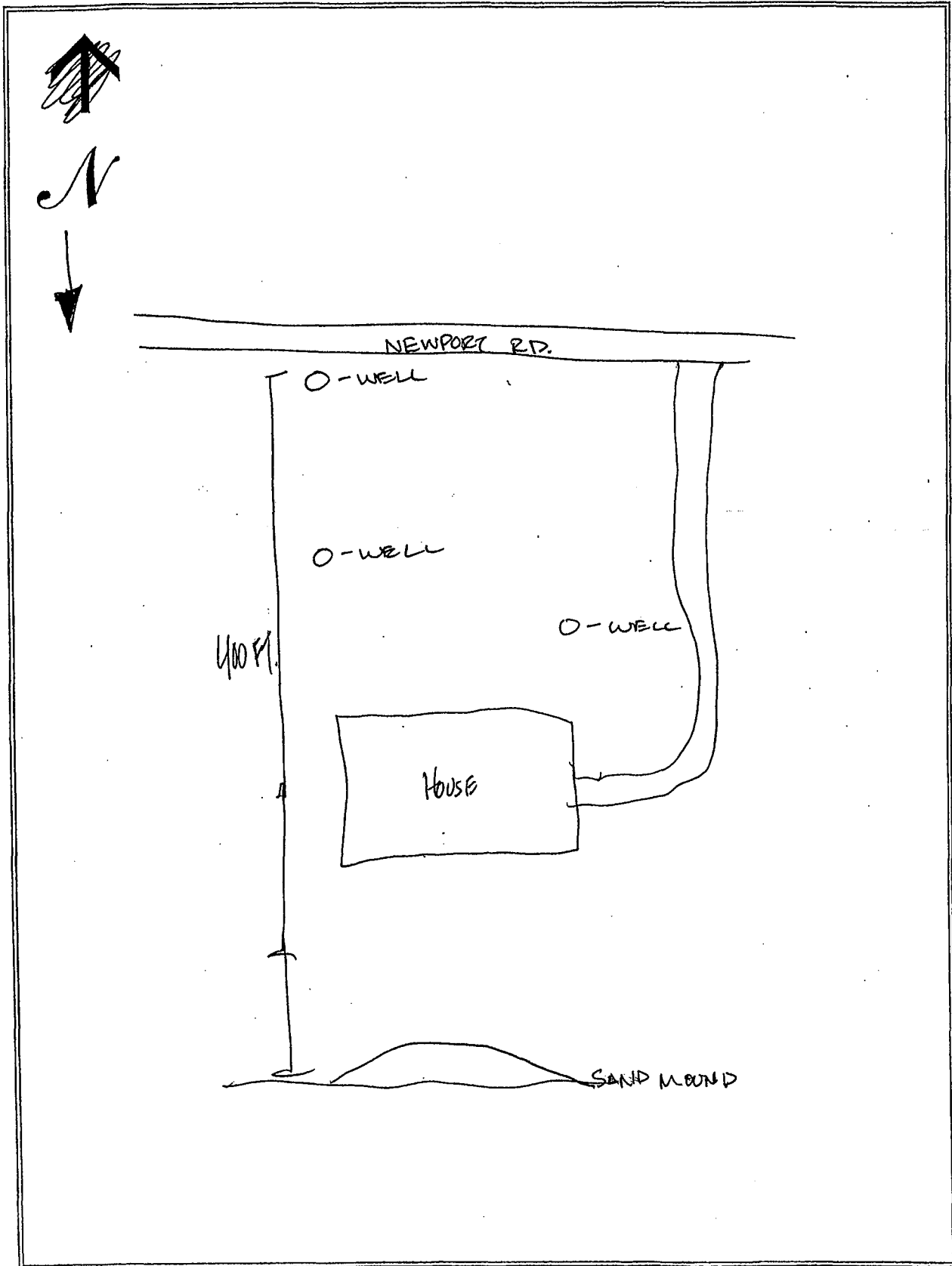
SEPTIC TANK	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL <u>CHANGING</u>	INGROUND TRENCH	STORM SEWER
OLD WELL	<u>ELEVATED SAND MOUND</u>	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
- Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	<u>ELEVATED SAND MOUND</u>	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
- How old is your system? 3 yrs. '99 Was it permitted? Y N When? 3 yrs. '99
- Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS	<u>NONE</u>
ODORS	WATER PONDING OR SURFACING	
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME	
SYSTEM OVERFLOW	OTHER _____	
- Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
- Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
- Are there any other sewage problems you are aware of? NO
- COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

5/21/02

SAMPLE / MAP #  
225

PENN (Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by      /      /      to the municipal office at:

If you have any questions please contact                      at (      )      -     .

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: GALEBACH PHONE: (      )      -     

ADDRESS: 905 NEWPORT RD.

1. How many people live in your house? 2 SEASONAL / ALL YEAR?
2. How large is your lot? 0.95
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain:
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER?               
Do you treat your water? YES OR NO If yes, how? NO  
If you have a well: Is it DUG or DRILLED? How Deep? 140 ft. Cased? YES or NO NOT SURE
5. How far is the well or spring from the drain field? 120 ft. Is well UP/DOWN SLOPE               
Have you every had your water tested? YES or NO When? NOT SURE  
What were the results? PASSED
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

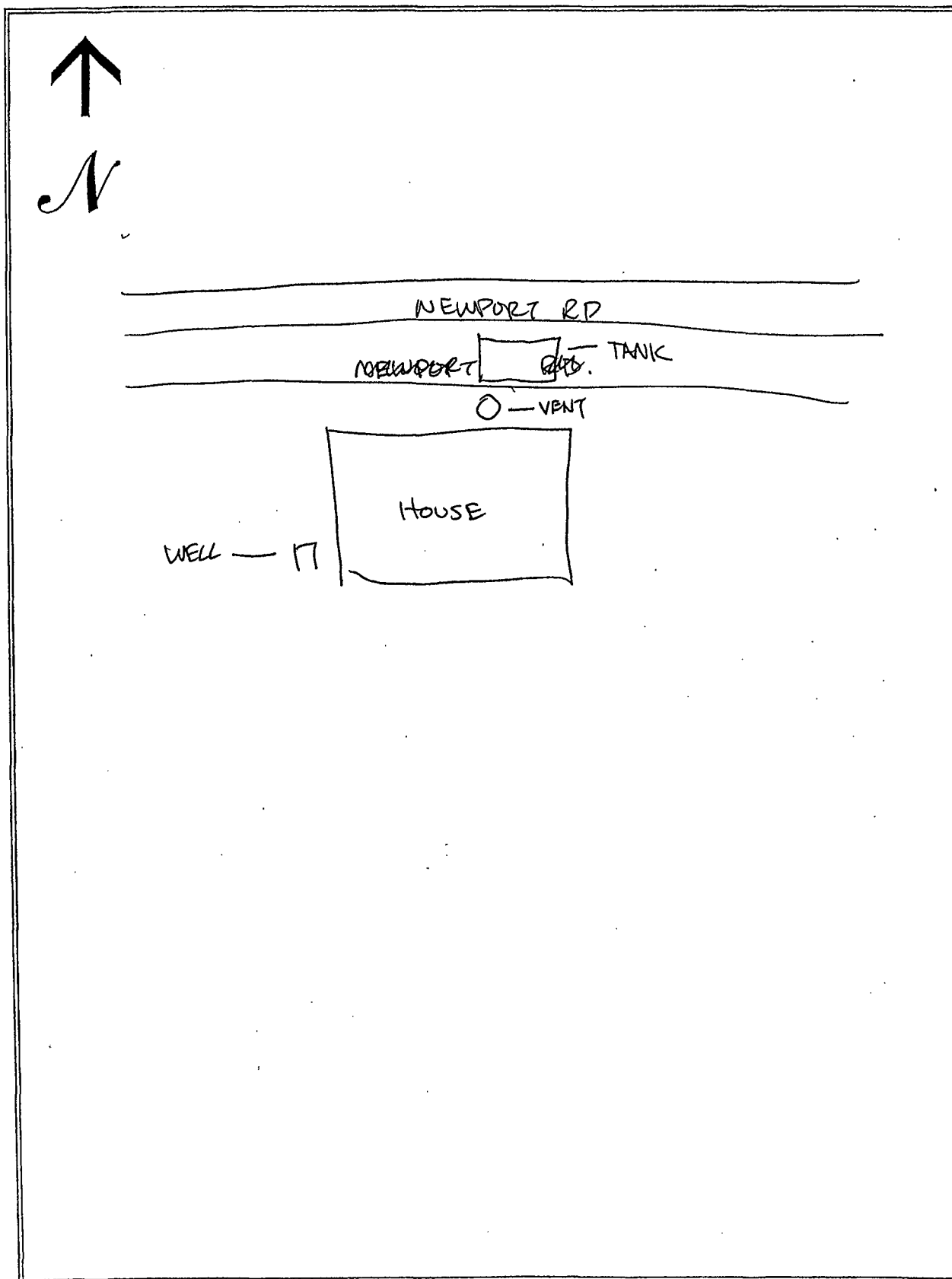
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER <u>            </u>	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER <u>            </u>	
9. How old is your system? ~ 1 yr. Was it permitted? Y N When? 1 yr. Ago
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS	<u>NONE</u>
ODORS	WATER PONDING OR SURFACING	
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME	
SYSTEM OVERFLOW	OTHER <u>            </u>	
11. Was your system every pumped out? YES or NO How often? 2 yrs. Last time?               
If it was pumped, was it inspected for cracks or broken baffles?
12. Was your system ever repaired? YES or NO When?              By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of? NO
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

227

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Shannon & Jeri Martin PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 1297 Newport Rd

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? 1/8 Acre
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? (WELL?) SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

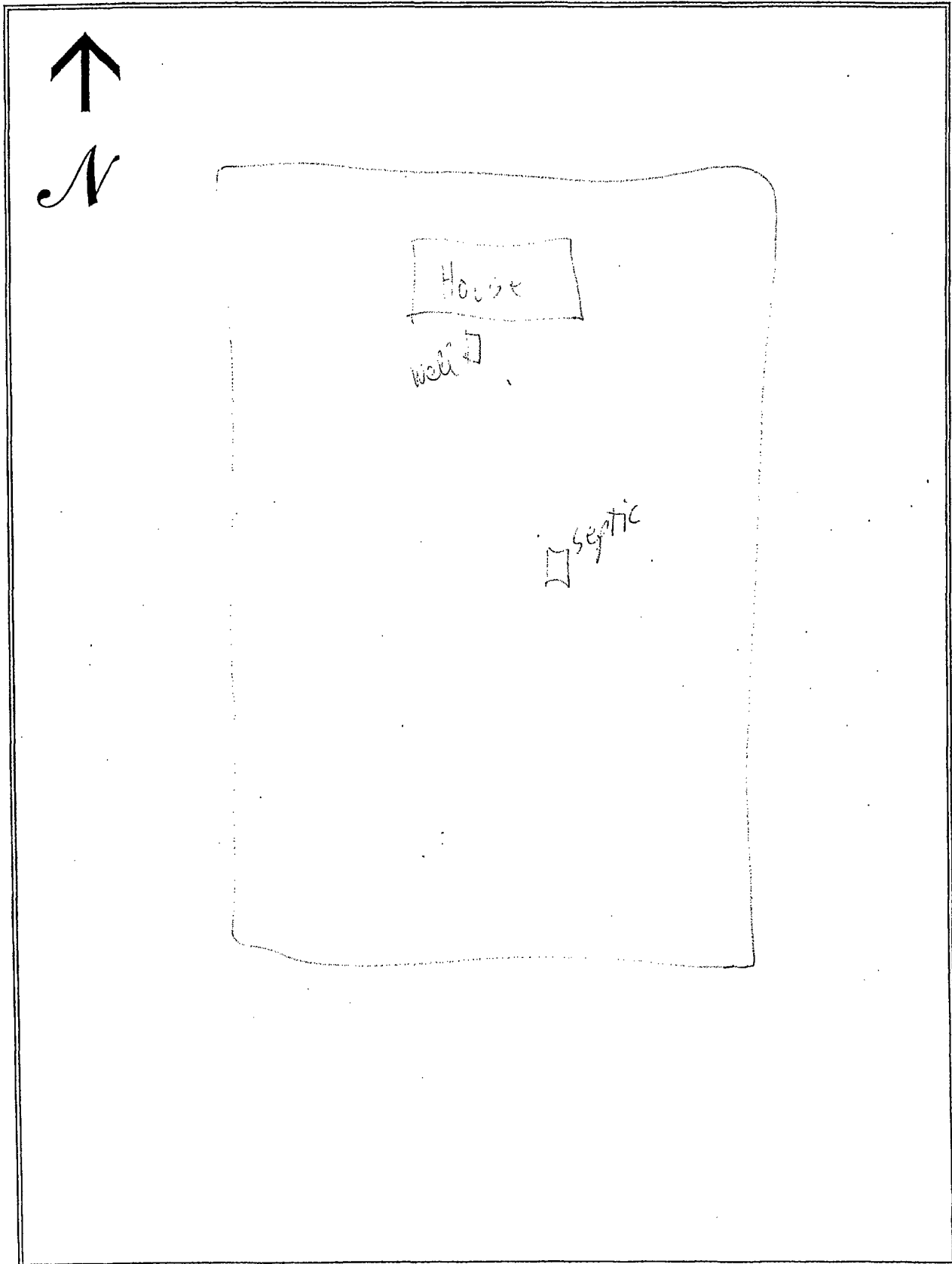
SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:



## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

228

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Douglas + Susan Shaw PHONE: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_

ADDRESS: 1303 Newport Rd.

- How many people live in your house? 2 SEASONAL / ALL YEAR?
- How large is your lot? 1.2 Acre
- Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
- What kind of water system do you have? WELL SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? 35 ft. Cased? YES or NO  
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
- What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

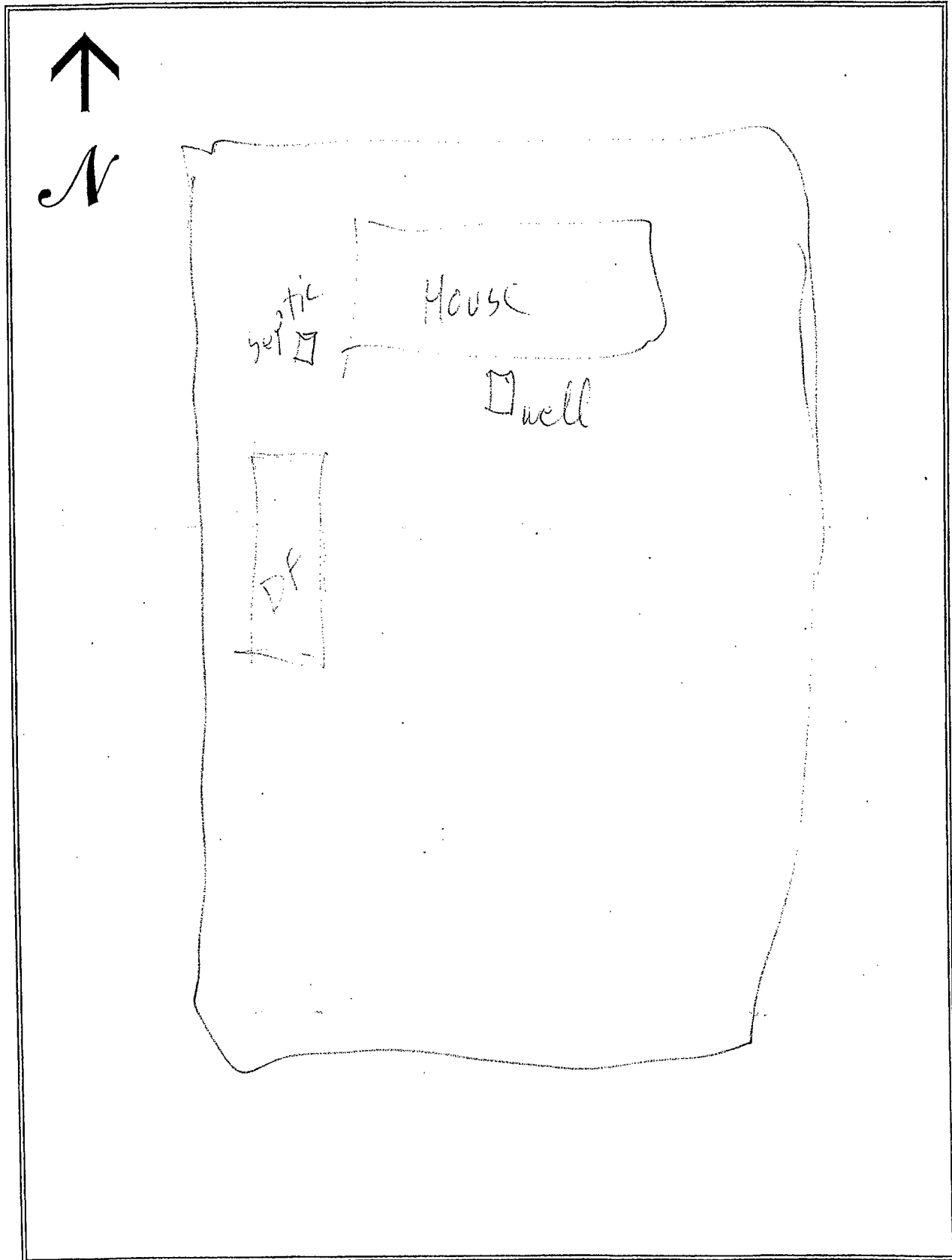
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
- Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
- How old is your system? 50 yrs Was it permitted? Y / N When? \_\_\_\_\_
- Have you every noticed any of the following near your septic system?  

<u>GREEN LUSH GRASS</u>	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
<u>SYSTEM OVERFLOW</u>	OTHER _____
- Was your system every pumped out? YES or NO How often? 2 yr Last time? 6 months  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
- Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
- Are there any other sewage problems you are aware of?
- COMMENTS:

LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

5/21/02

SAMPLE / MAP #

229

PENN (Boro/Twp) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by     /     /     to the municipal office at:

If you have any questions please contact                                  at (     )                 .

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: GALEBACH PHONE: (     )                 

ADDRESS: 1517 NEWPORT RD

1. How many people live in your house? 3 SEASONAL / ALL YEAR?
2. How large is your lot? 58.00
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain:
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER?                   
Do you treat your water? YES OR NO If yes, how?                                   
If you have a well: Is it DUG or DRILLED? How Deep? 10/12 ft. Cased? YES or NO
5. How far is the well or spring from the drain field                  ft. Is well UP/DOWN SLOPE                   
Have you every had your water tested? YES or NO When?                                   
What were the results?
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

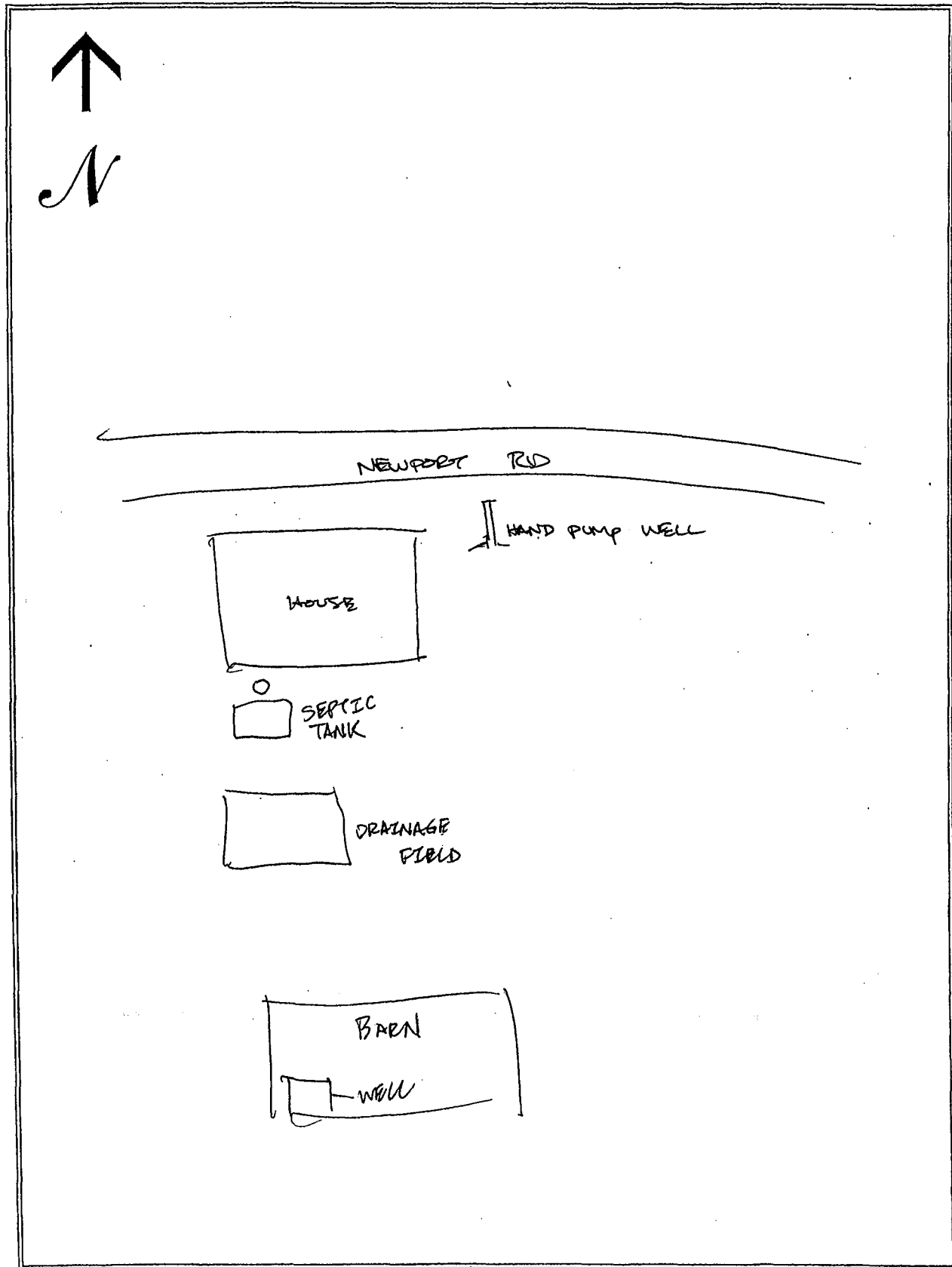
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER <u>                                </u>	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER <u>                                </u>	
9. How old is your system? 12 20 yrs Was it permitted? Y / N When?
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS	<u>NONE</u>
ODORS	WATER PONDING OR SURFACING	
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME	
SYSTEM OVERFLOW	OTHER <u>                                </u>	
11. Was your system every pumped out? YES or NO How often? NEVER Last time?                                   
If it was pumped, was it inspected for cracks or broken baffles?
12. Was your system ever repaired? YES or NO When?                                  By permit? YES / NO                   
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of? NO
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

5/28/02

SAMPLE / MAP #

230

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: SHIPPEY PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 3025 SENSEL DRIVE

1. How many people live in your house? 3 SEASONAL / ALL YEAR?
2. How large is your lot? 1.75 ACRES
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO  
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? 2007  
What were the results? CLEAR
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

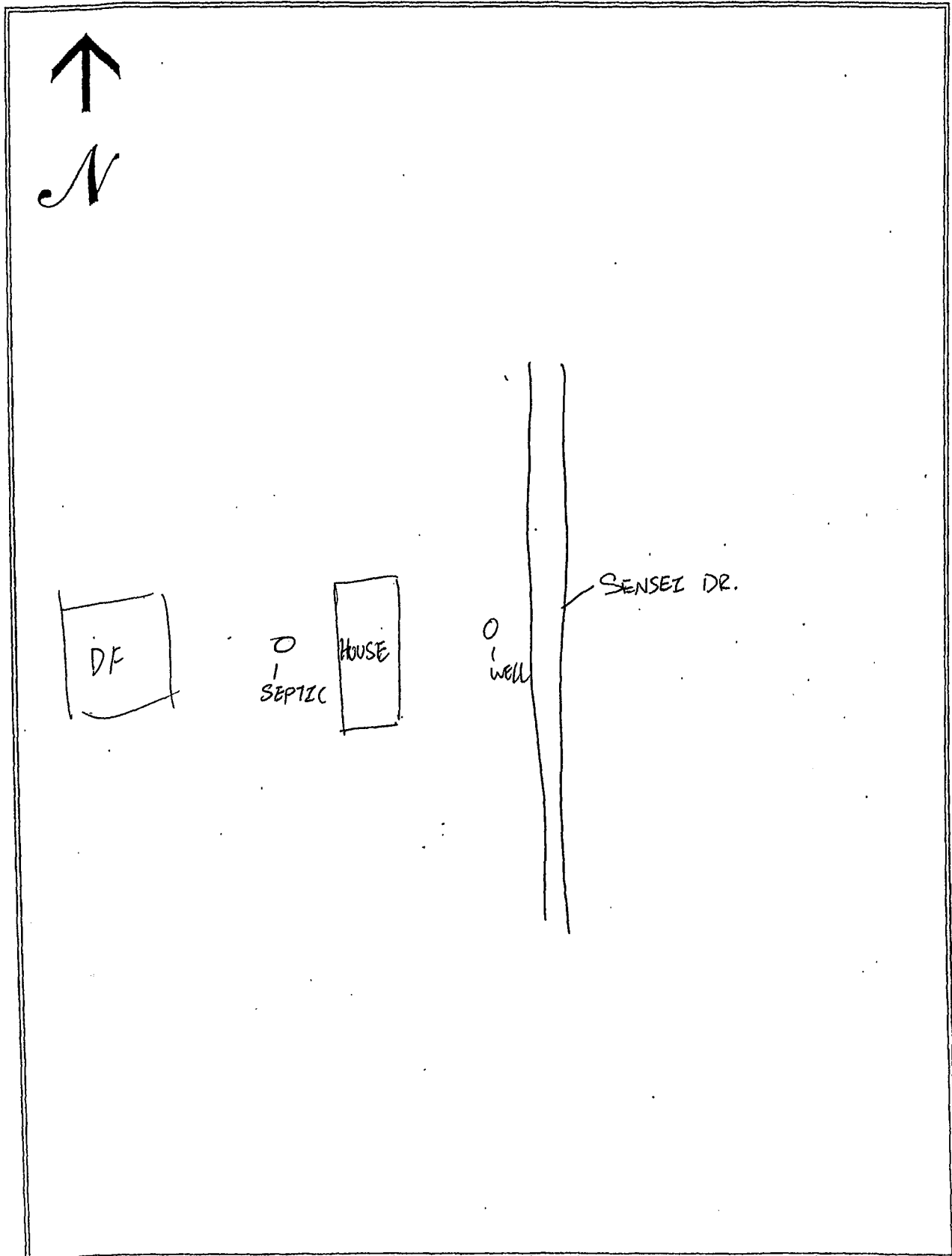
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 9 yrs. Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS	<u>NONE</u>
ODORS	WATER PONDING OR SURFACING	
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME	
SYSTEM OVERFLOW	OTHER _____	
11. Was your system every pumped out? YES or NO How often? 2 yrs. Last time? 2007  
If it was pumped, was it inspected for cracks or broken baffles? NO
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of? NO
14. COMMENTS:

LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

5/28/02

231

Penn (Boro Lwp) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by      /      /      to the municipal office at:

If you have any questions please contact                      at (      )      -      .  
Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: DIETERLY PHONE: (      )      -            
ADDRESS: 3035 SENSEI DR.

1. How many people live in your house?      SEASONAL / ALL YEAR?
2. How large is your lot?
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain:
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER?       
Do you treat your water? YES OR NO If yes, how?       
If you have a well: Is it DUG or DRILLED? How Deep?      ft. Cased? YES or NO
5. How far is the well or spring from the drain field      ft. Is well UP/DOWN SLOPE       
Have you every had your water tested? YES or NO When?       
What were the results?
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER <u>    </u>	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

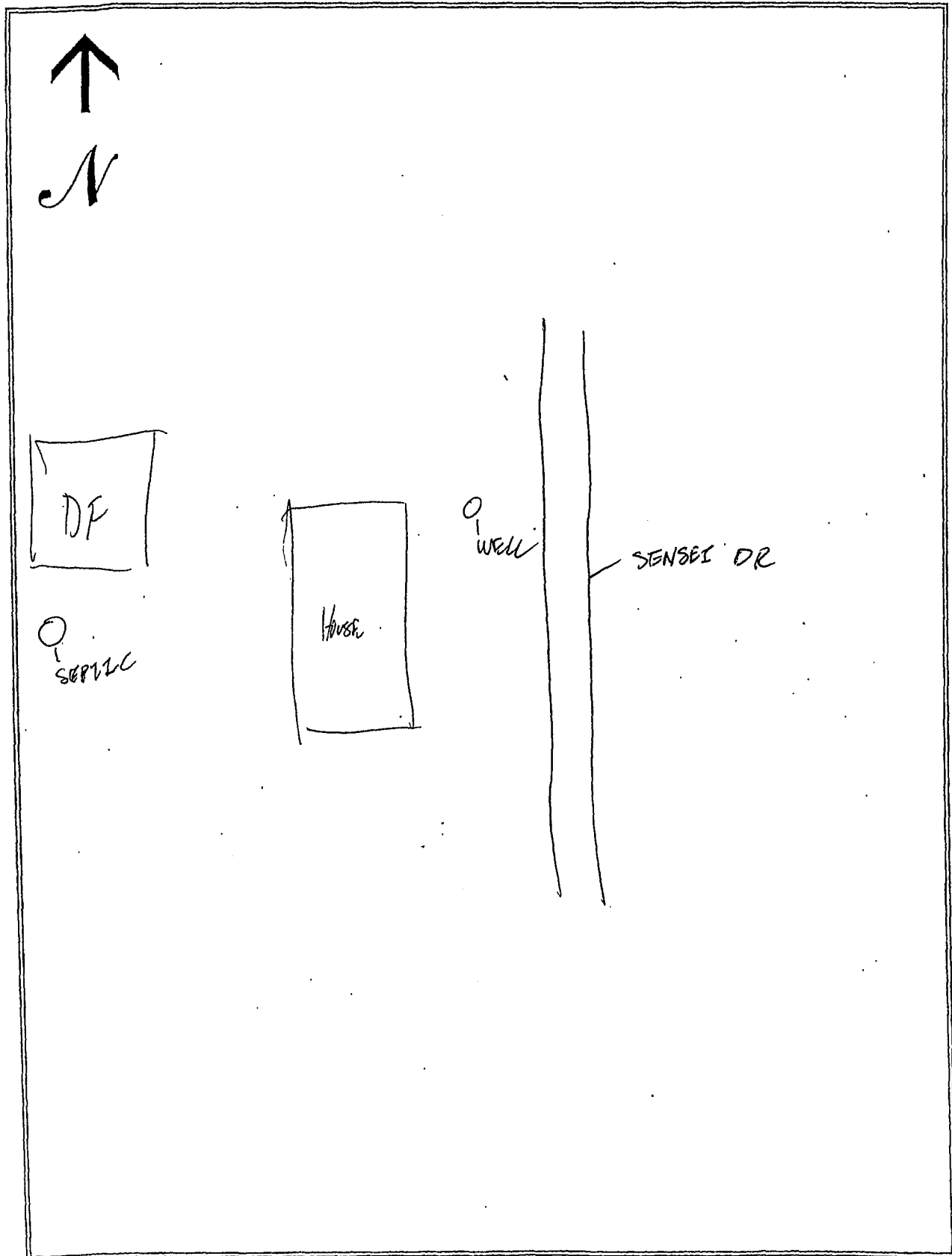
SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER <u>    </u>	
9. How old is your system?      Was it permitted? Y / N When?
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER <u>    </u>
11. Was your system every pumped out? YES or NO How often?      Last time?       
If it was pumped, was it inspected for cracks or broken baffles?
12. Was your system ever repaired? YES or NO When?      By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:



LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



SEWAGE NEEDS  
MAIL SURVEY

SAMPLE / MAP #

232

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_-\_\_\_\_.  
Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Jackie Keeney PHONE: (\_\_\_\_) \_\_\_\_-\_\_\_\_  
ADDRESS: 303 Dand End Rd.

1. How many people live in your house? 4 SEASONAL / ALL YEAR?
2. How large is your lot? 6 acres
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO  
5. How far is the well or spring from the drain field 300 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? good
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)

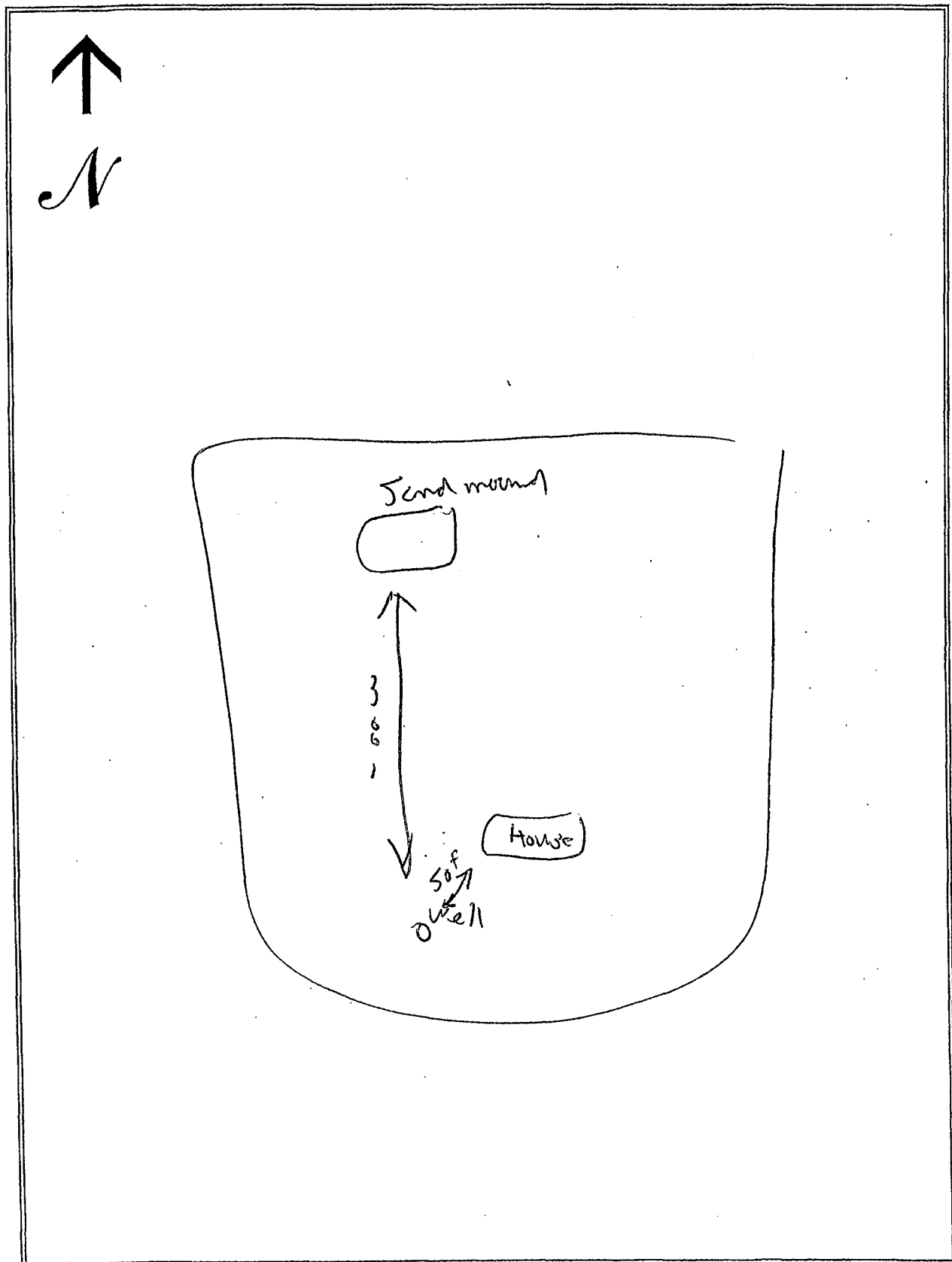
<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
<u>CESSPOOL</u>	INGROUND TRENCH	STORM SEWER
OLD WELL	<u>ELEVATED SAND MOUND</u>	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 12 yrs Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? 3 yrs Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #  
233

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_-\_\_\_\_.  
Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Kevin Fisher PHONE: (\_\_\_\_) \_\_\_\_-\_\_\_\_  
ADDRESS: 485 Dead End Rd.

1. How many people live in your house? 4 SEASONAL / ALL YEAR
2. How large is your lot? 1.3 acres
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? 150 ft. Cased? YES or NO  
5. How far is the well or spring from the drain field 300 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? good
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

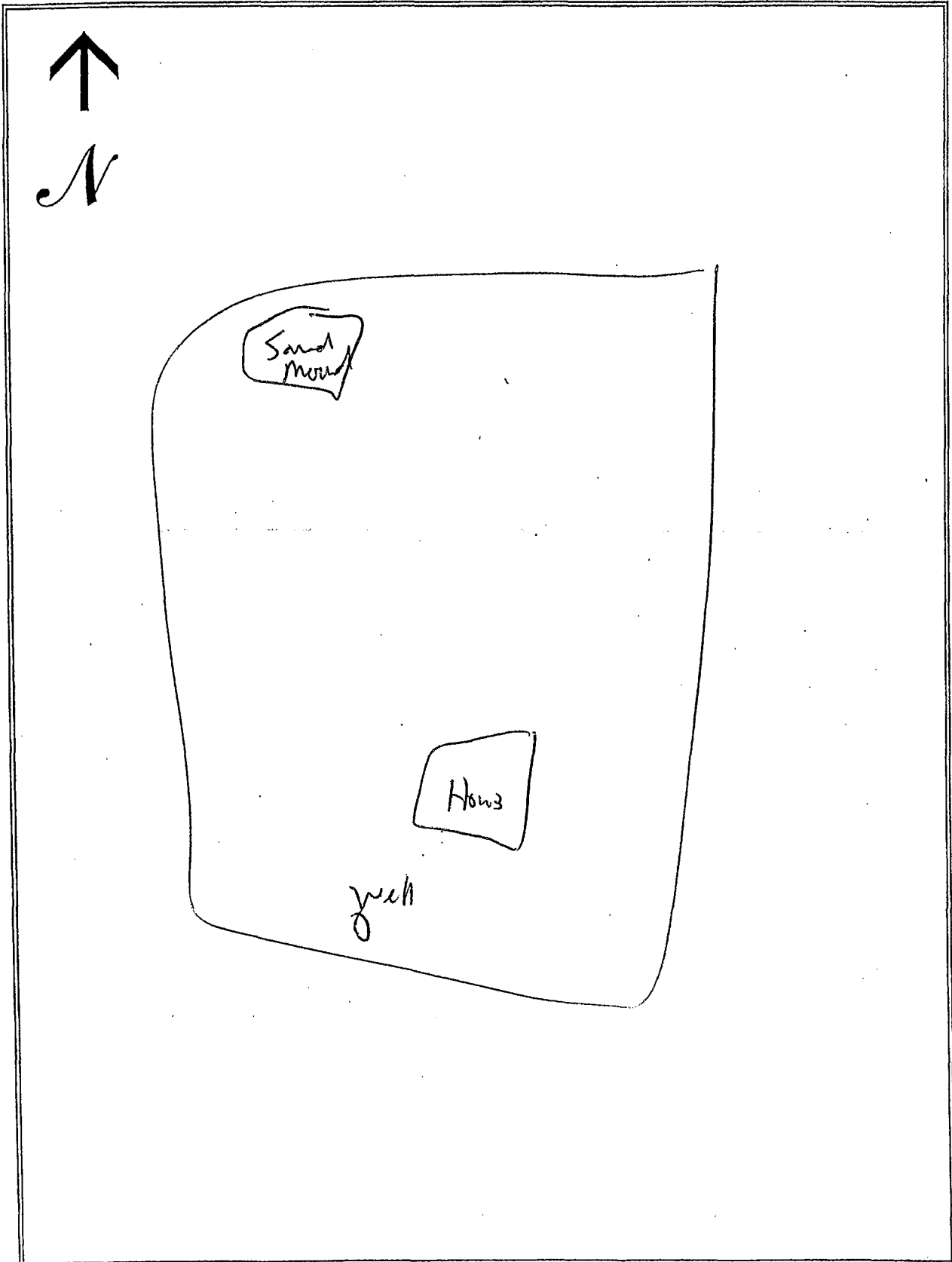
<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	<u>ELEVATED SAND MOUND</u>	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 14 yrs Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? 3 yrs Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

234

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Elizabeth BAGSHAW PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 4603 Dead End Rd

1. How many people live in your house? 2 SEASONAL / ALL YEAR?
2. How large is your lot? 2.50 acres
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? for man  
If you have a well: Is it DUG or DRILLED? How Deep? 90 ft. Cased? YES or NO  
5. How far is the well or spring from the drain field 200 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? High iron
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

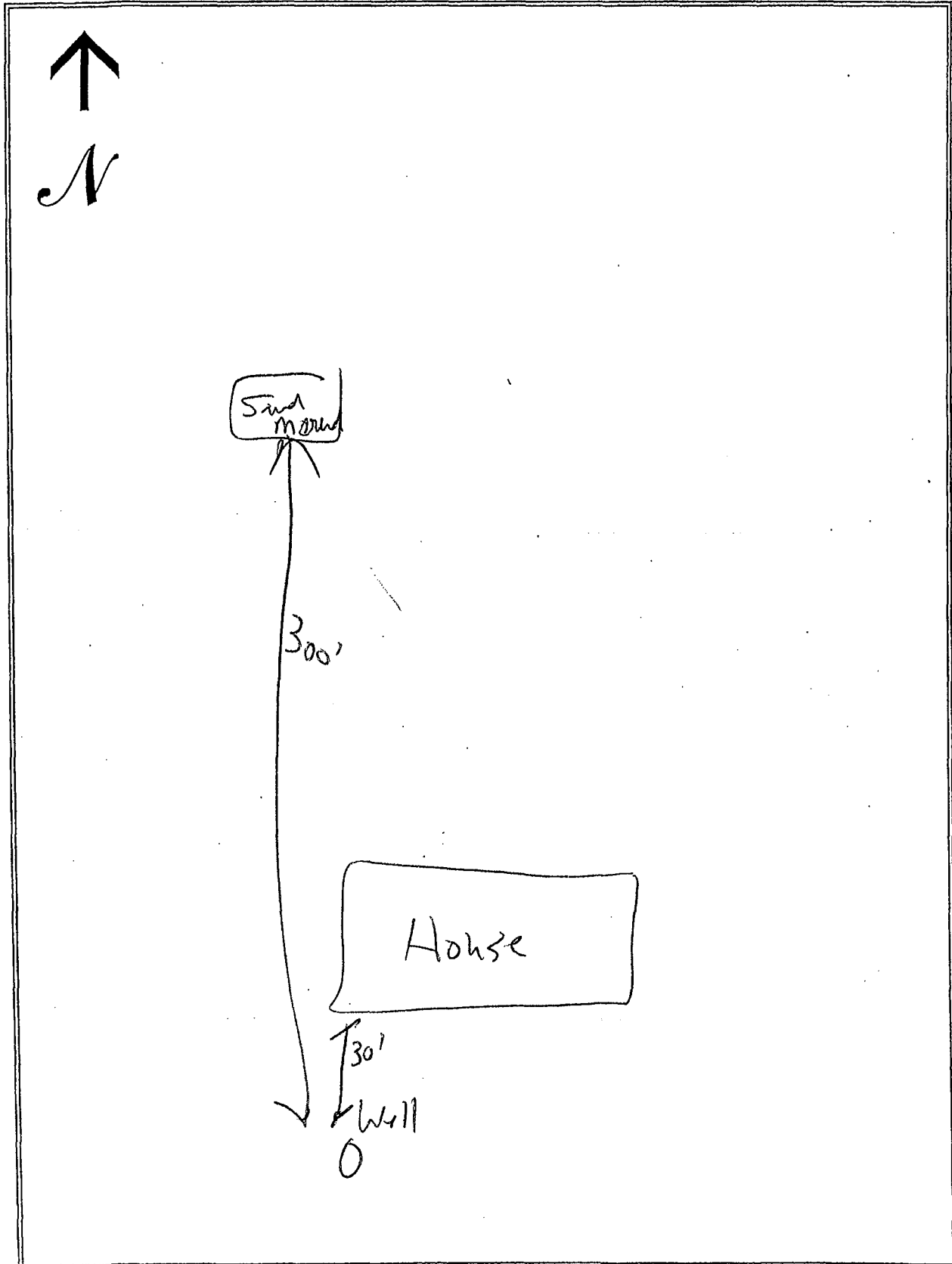
<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	<u>ELEVATED SAND MOUND</u>	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? 2 yrs Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

# LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

5/23/02

SAMPLE / MAP #

235

PENN (Boro. Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by      /      /      to the municipal office at:

If you have any questions please contact                      at (      )      -      .  
Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: MINNICK PHONE: (      )      -      .  
ADDRESS: 2903 NEWPORT RD

1. How many people live in your house? 2 SEASONAL / ALL YEAR?
2. How large is your lot? 1.0
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain:
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER?                       
Do you treat your water? YES OR NO If yes, how? WATER SORNER  
If you have a well: Is it DUG or DRILLED? How Deep? N/A ft. Cased? YES or NO  
5. How far is the well or spring from the drain field      ft. Is well UP/DOWN SLOPE       
Have you every had your water tested? YES or NO When?       
What were the results?
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	<u>ELEVATED SAND MOUND</u>	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER <u>    </u>	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

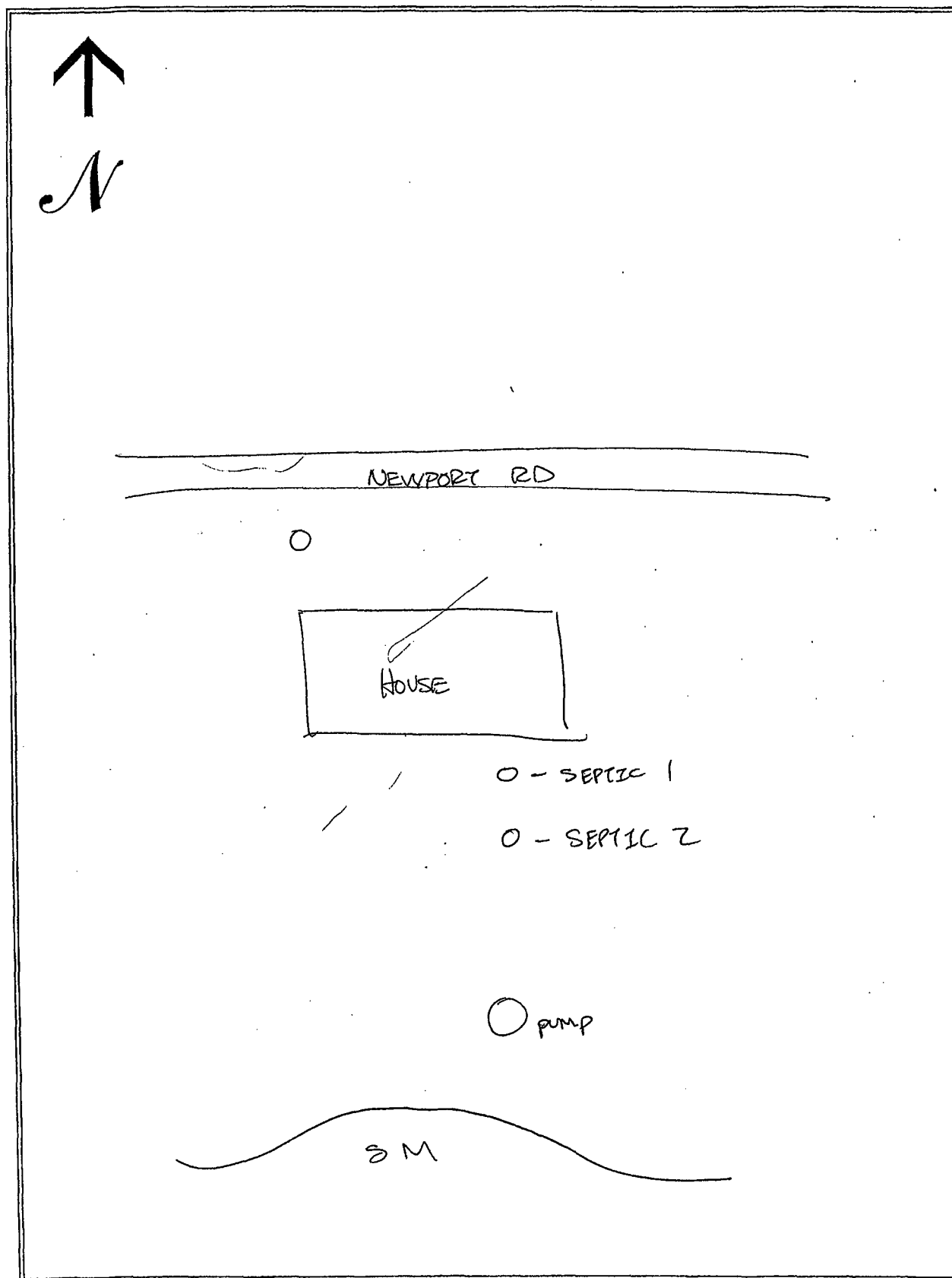
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	<u>ELEVATED SAND MOUND</u>	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER <u>    </u>	
9. How old is your system? 7 yrs. Was it permitted? Y N When?
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS	<u>NONE</u>
ODORS	WATER PONDING OR SURFACING	
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME	
SYSTEM OVERFLOW	OTHER <u>    </u>	
11. Was your system every pumped out? YES or NO How often? N/A Last time?       
If it was pumped, was it inspected for cracks or broken baffles?
12. Was your system ever repaired? YES or NO When? N/A By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of? NO
14. COMMENTS:



# LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

5/23/02

SAMPLE / MAP #  
236

PENN (Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by     /     /     to the municipal office at:

If you have any questions please contact                                  at (     )                         .  
Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: GREENER (RON) PHONE: (     )                   
ADDRESS: 2951 NEWPORT RD.

1. How many people live in your house? 2 SEASONAL / ALL YEAR?
2. How large is your lot? 1 1/8
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain:
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER?                   
Do you treat your water? YES OR NO If yes, how? Water Softener / Nitrate  
If you have a well: Is it DUG or DRILLED? How Deep? 135 ft. Cased? YES or NO
5. How far is the well or spring from the drain field                  ft. Is well UP/DOWN SLOPE                   
Have you every had your water tested? YES or NO When? 12 yrs.  
What were the results? Clear
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

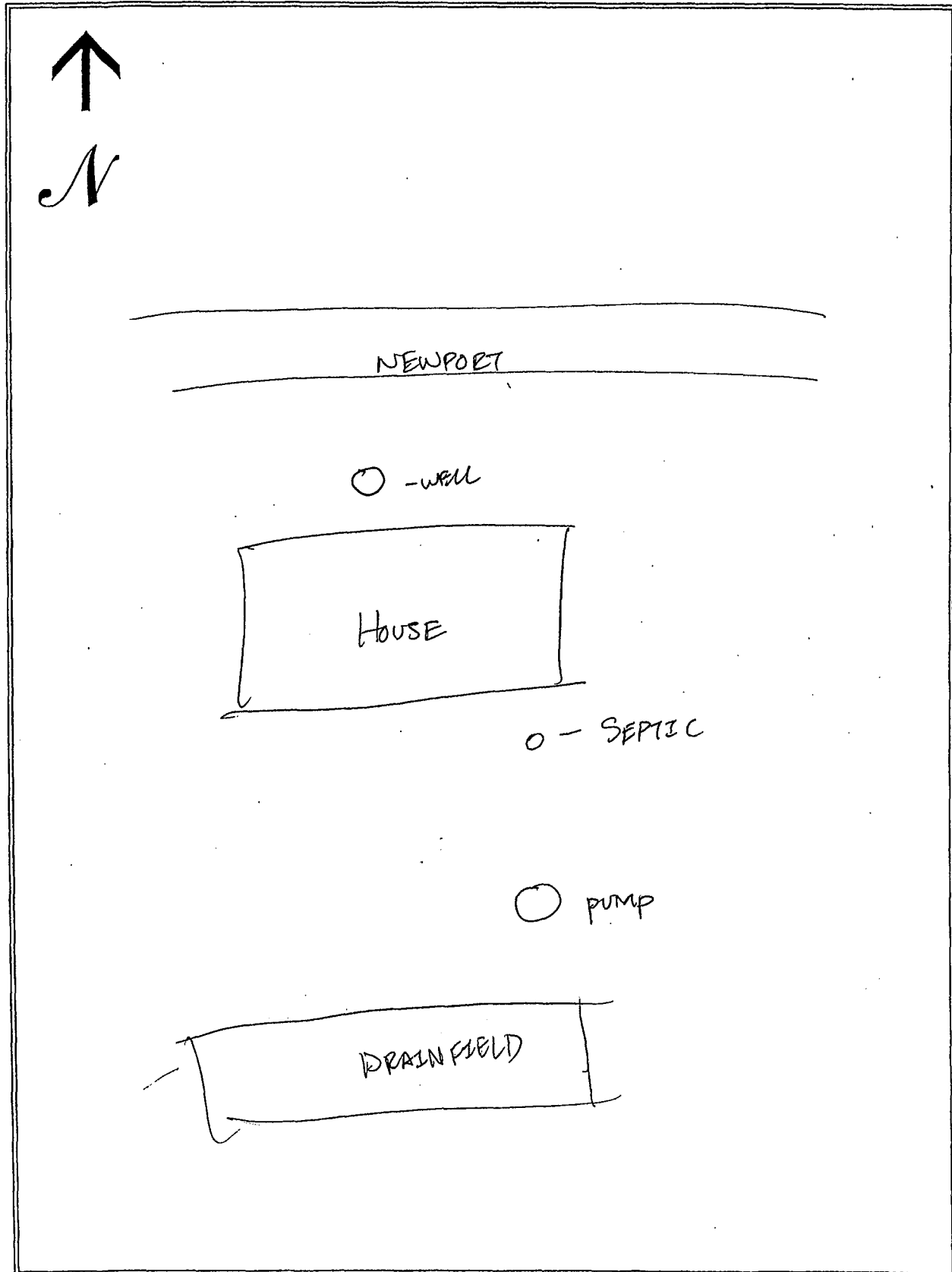
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER <u>                        </u>	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER <u>                        </u>	
9. How old is your system? 14 yrs Was it permitted? Y N When?
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS	<u>NONE</u>
ODORS	WATER PONDING OR SURFACING	
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME	
SYSTEM OVERFLOW	OTHER <u>                        </u>	
11. Was your system every pumped out? YES or NO How often? 6 yrs Last time? N/A  
If it was pumped, was it inspected for cracks or broken baffles? N/A
12. Was your system ever repaired? YES or NO When? 1 By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of? NO
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY 5/23/02

SAMPLE / MAP #  
237

Penn (Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_-\_\_\_\_.  
Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: HALDEMAN PHONE: (\_\_\_\_) \_\_\_\_-\_\_\_\_  
ADDRESS: 2974 NEWPORT RD

1. How many people live in your house? 3 SEASONAL (ALL YEAR?)
2. How large is your lot? .75
3. Do you have more than one sewage system on your lot? (YES) or NO  
If yes, explain: 2 SEPTIC TANK
4. What kind of water system do you have? (WELL?) SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? (YES) OR NO If yes, how? SOFENER  
If you have a well: Is it DUG or (DRILLED?) How Deep? N/A ft. Cased? YES or NO  
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? (YES) or NO When? 2000  
What were the results? CLEAR
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

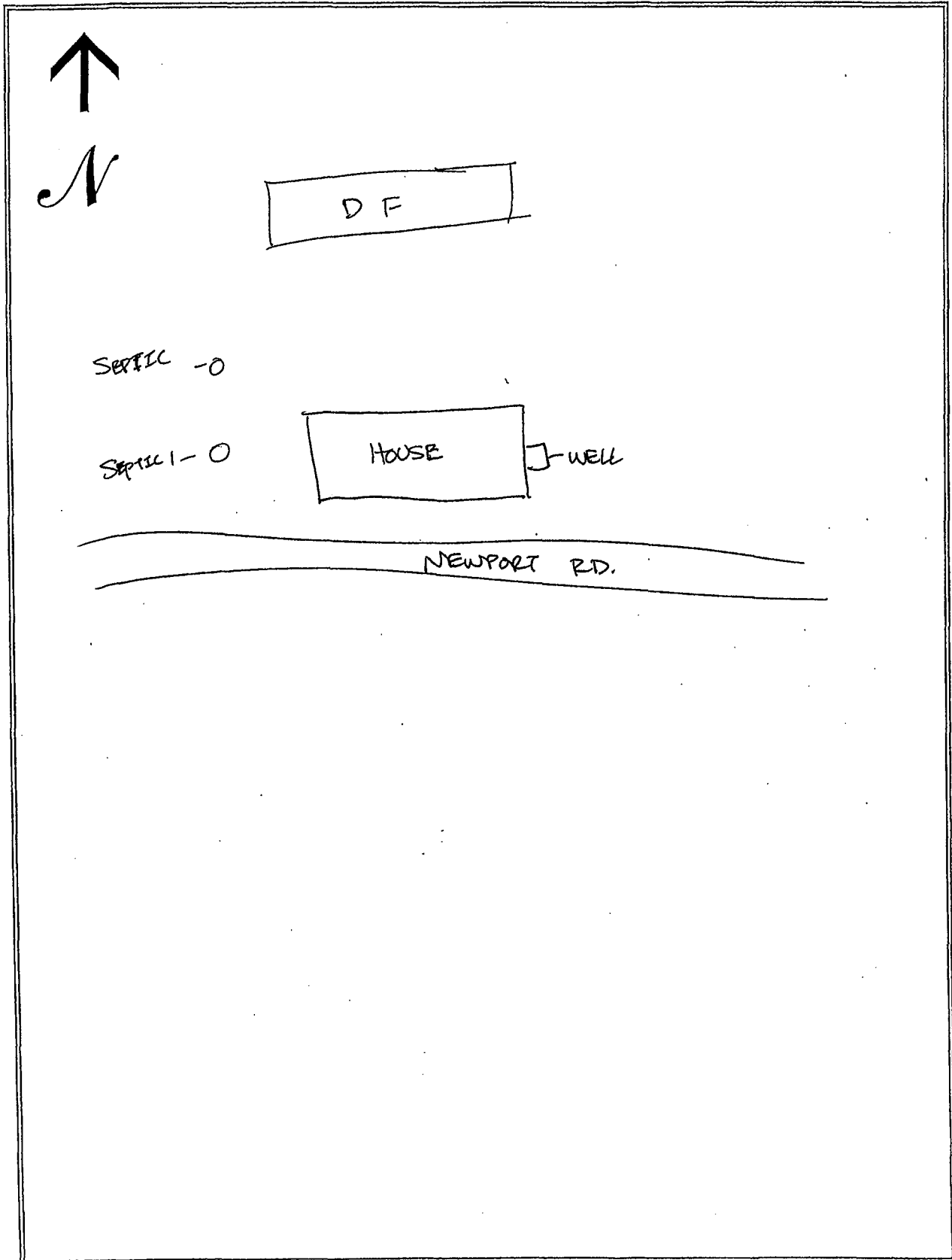
<u>(SEPTIC TANK)</u>	<u>(INGROUND BED)</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>(SEPTIC TANK)</u>	<u>(INGROUND BED)</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? N/A Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING <u>NONE</u>
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? 2 yrs. Last time? 2000  
If it was pumped, was it inspected for cracks or broken baffles? NO
12. Was your system ever repaired? YES or (NO) When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of? NONE
14. COMMENTS:

# LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY 5/23/02

SAMPLE / MAP #  
230

PENN (Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by      /      /      to the municipal office at:

If you have any questions please contact                                  at (      )      -      .  
Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: GACHNAUER PHONE: (      )      -       
ADDRESS: 2349 NEWPORT RD.

1. How many people live in your house?      SEASONAL / ALL YEAR?
2. How large is your lot?
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain:
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER?       
Do you treat your water? YES OR NO If yes, how?       
If you have a well: Is it DUG or DRILLED? How Deep?      ft. Cased? YES or NO
5. How far is the well or spring from the drain field      ft. Is well UP/DOWN SLOPE       
Have you every had your water tested? YES or NO When?       
What were the results?
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

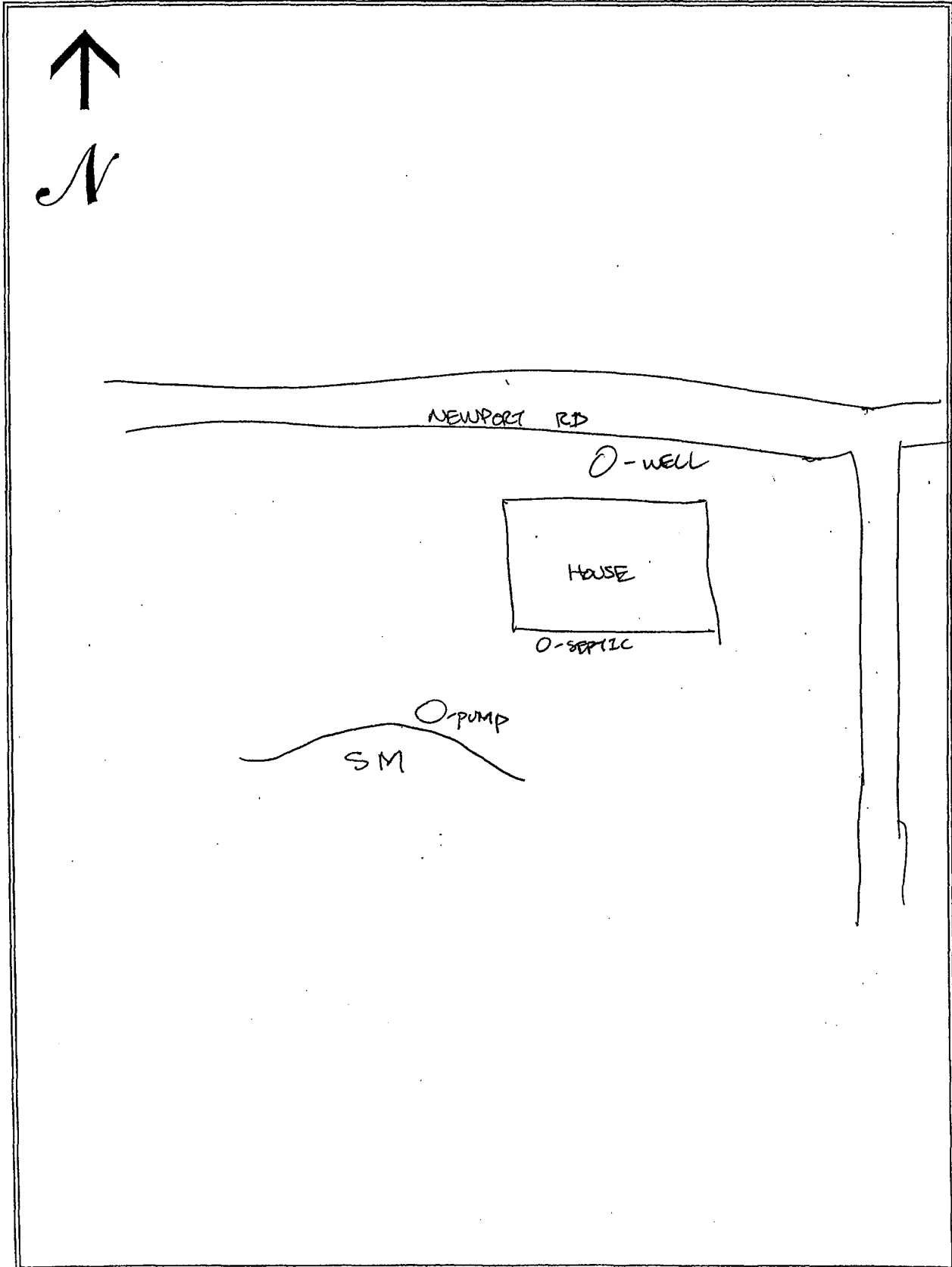
SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER <u>    </u>	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER <u>    </u>	
9. How old is your system?      Was it permitted? Y / N When?
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER <u>    </u>
11. Was your system every pumped out? YES or NO How often?      Last time?       
If it was pumped, was it inspected for cracks or broken baffles?
12. Was your system ever repaired? YES or NO When?      By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #  
239

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.  
Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Margaret Blankenmyer PHONE: (\_\_\_\_) \_\_\_\_\_.  
ADDRESS: 387 S. Cape Hill Dr

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? 3/4 Acre
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

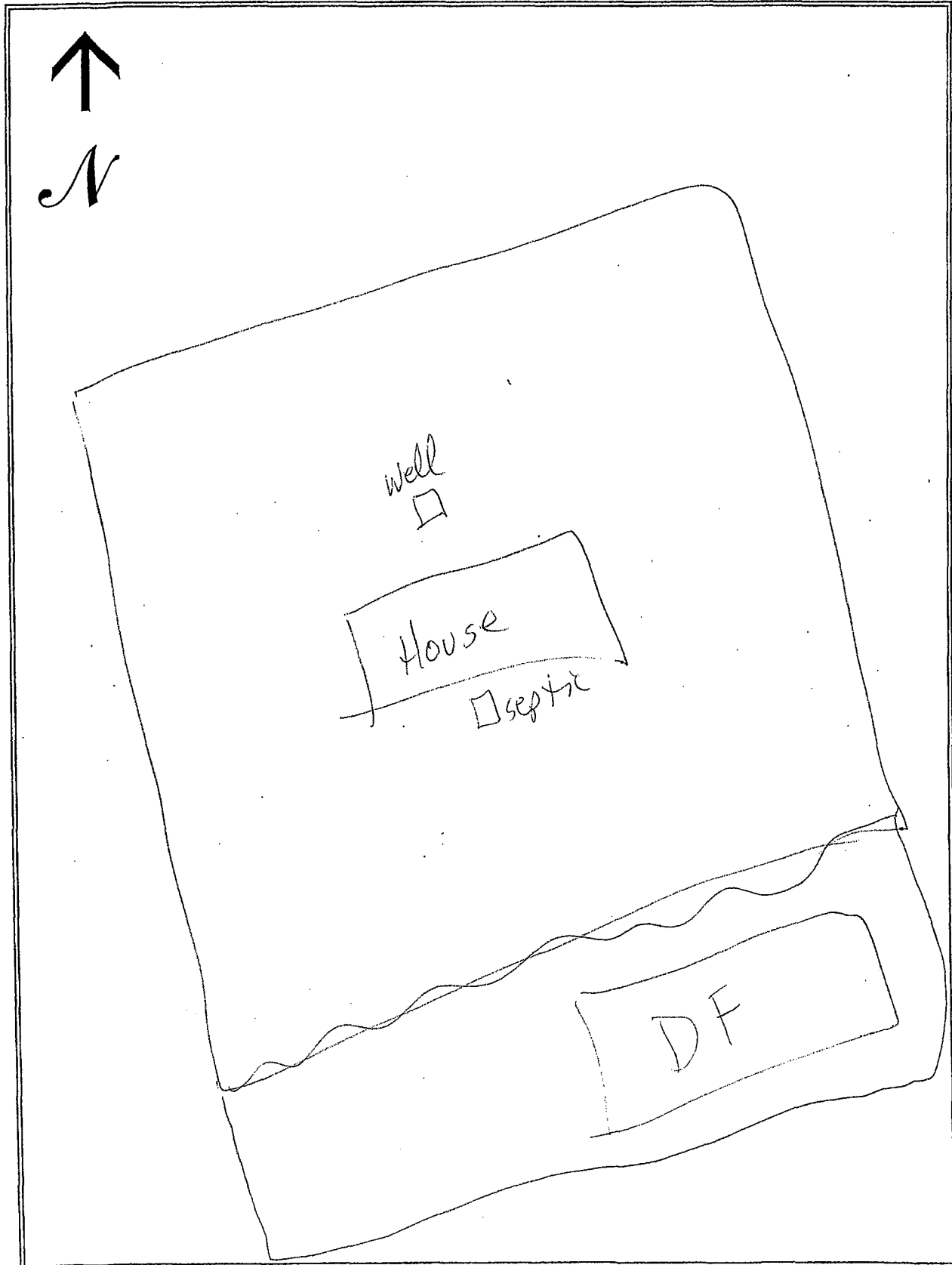
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

<u>GREEN LUSH GRASS</u>	<u>WETNESS OR SPONGY AREAS</u>
<u>ODORS</u>	<u>WATER PONDING OR SURFACING</u>
<u>SLUGGISH DRAINS</u>	<u>WASTEWATER BACKING INTO THE HOME</u>
<u>SYSTEM OVERFLOW</u>	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:



LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

5122102

SAMPLE/MAP #

240

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_-\_\_\_\_.  
Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: James Giffillan PHONE: (\_\_\_\_) \_\_\_\_-\_\_\_\_  
ADDRESS: 683 Green Ridge Dr.

- How many people live in your house? 2 SEASONAL / ALL YEAR?
- How large is your lot? 1/2 Acre
- Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
- What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? Softener  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
- How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? 10 yrs  
What were the results? \_\_\_\_\_
- What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

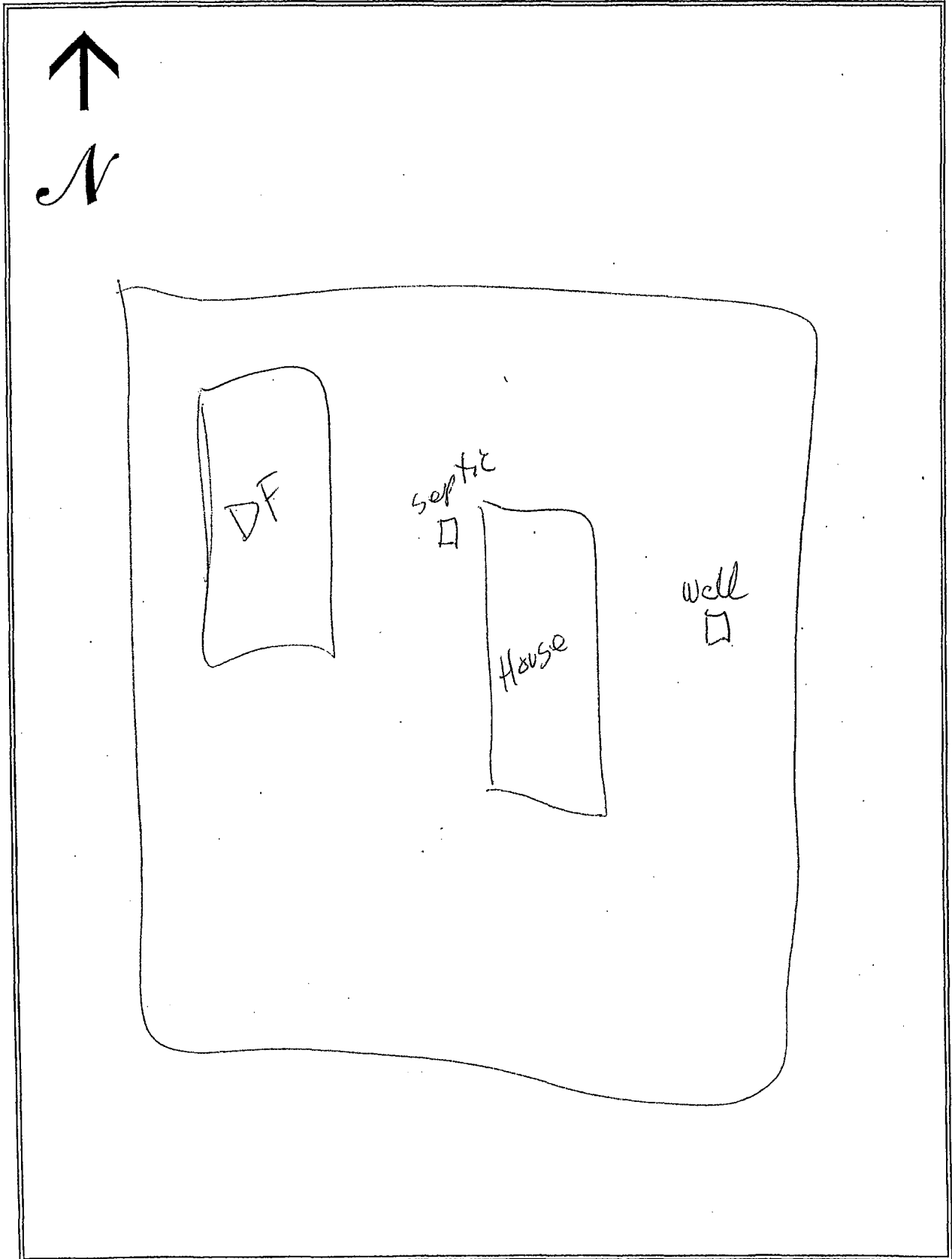
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
- Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
- How old is your system? 25 yrs Was it permitted? Y / N When? \_\_\_\_\_
- Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	<u>WASTEWATER BACKING INTO THE HOME</u>
SYSTEM OVERFLOW	OTHER _____
- Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? 2 yrs  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
- Was your system ever repaired? YES or NO When? 2 yrs By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
- Are there any other sewage problems you are aware of?
- COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include:* tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

5128102

SAMPLE/MAP #

241

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_-\_\_\_\_.  
Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Herr PHONE: (\_\_\_\_) \_\_\_\_-\_\_\_\_  
ADDRESS: 1738 Gish Rd.

1. How many people live in your house? 2 SEASONAL / ALL YEAR?
2. How large is your lot? 1 Acre
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? 85 ft. Cased? YES or NO \_\_\_\_\_
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

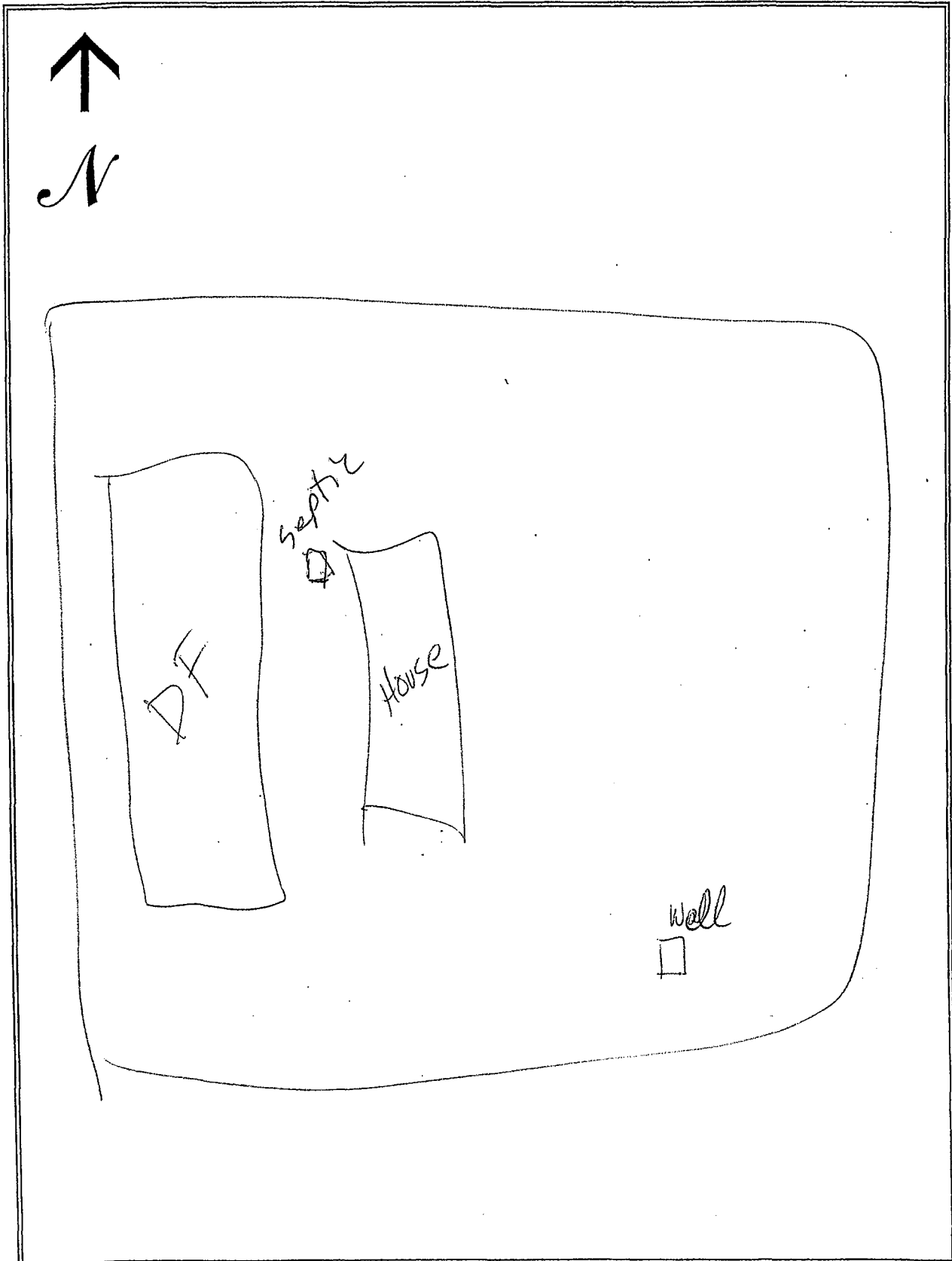
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? 2yrs Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

# LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include:* tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

5/28/82

SAMPLE / MAP #  
242

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by      /      /      to the municipal office at:

If you have any questions please contact                      at (      )      -      .  
Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Bob Bruckhart PHONE: (      )      -       
ADDRESS: 1765 Gish Rd

1. How many people live in your house? 4 SEASONAL / ALL YEAR?
2. How large is your lot? 5 Acre
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: Old one filled, dug new one
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER?       
Do you treat your water? YES OR NO If yes, how? Softener  
If you have a well: Is it DUG or DRILLED? How Deep?      ft. Cased? YES or NO
5. How far is the well or spring from the drain field      ft. Is well UP/DOWN SLOPE       
Have you every had your water tested? YES or NO When? 6 months  
What were the results? Acid
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

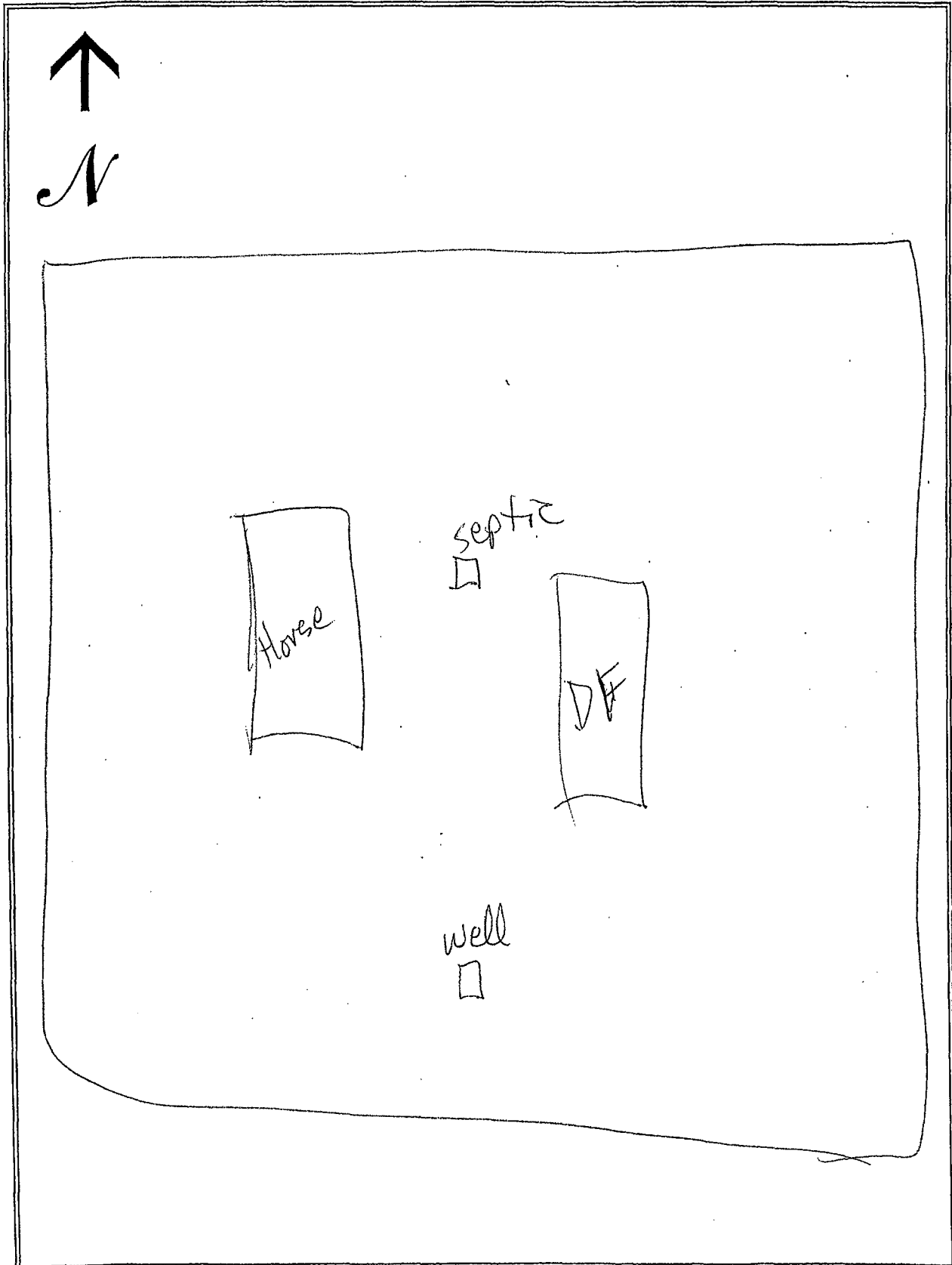
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	<u>ELEVATED SAND MOUND</u>	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER <u>    </u>	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER <u>    </u>	
9. How old is your system? 26 yrs Was it permitted? Y / N When?
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER <u>    </u>
11. Was your system every pumped out? YES or NO How often?      Last time?       
If it was pumped, was it inspected for cracks or broken baffles?
12. Was your system ever repaired? YES or NO When? 1996 By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

# LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

5128102

SAMPLE / MAP #

243

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_-\_\_\_\_.  
Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Stephen + Theresa Carey PHONE: (\_\_\_\_) \_\_\_\_-\_\_\_\_  
ADDRESS: 337 W. Sun Hill Rd

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? 1/2 Acre
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO  
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
<u>PUBLIC SEWER</u>	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

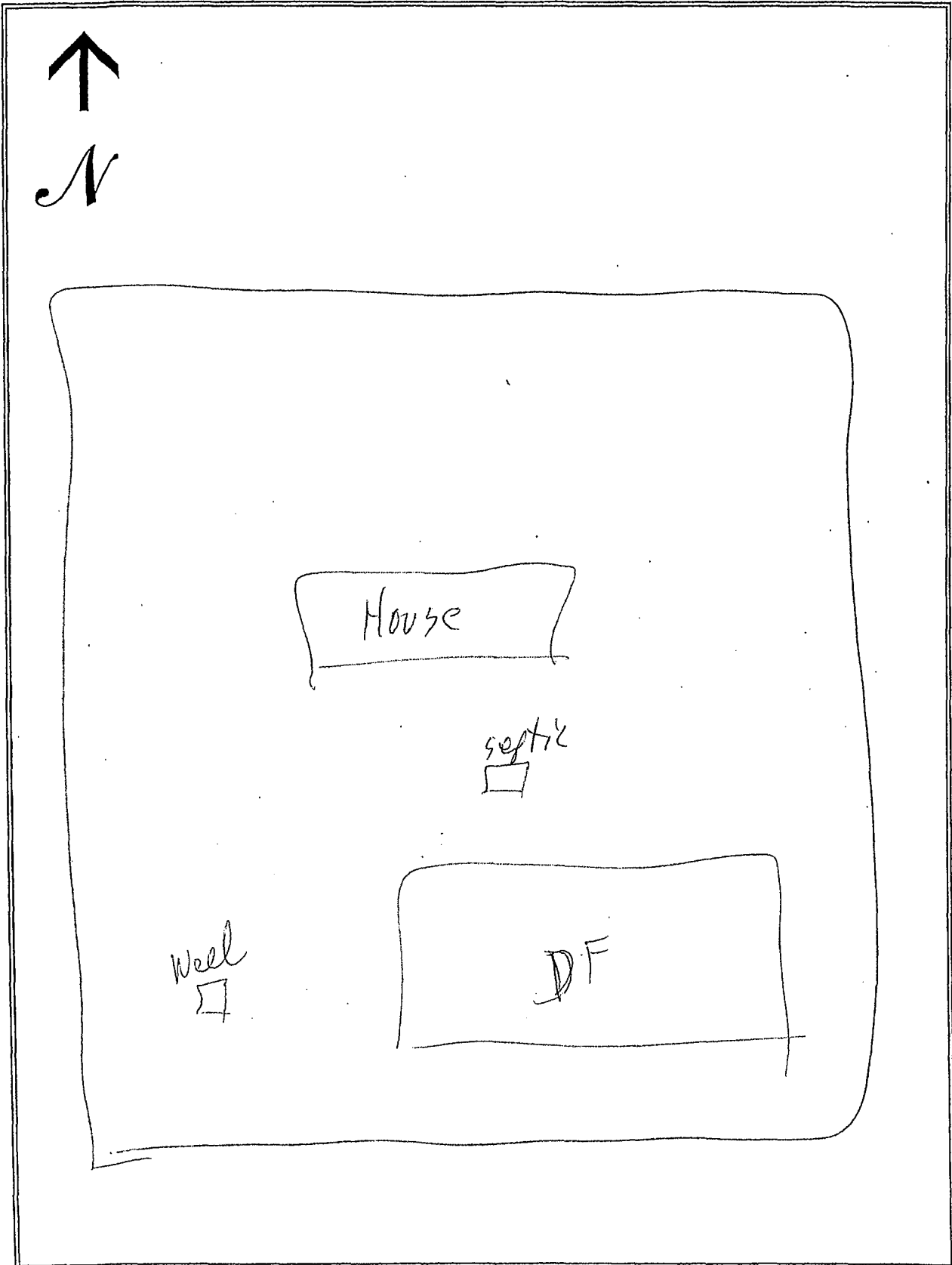
SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:



LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

5/28/02

SAMPLE/MAP #

244

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_-\_\_\_\_.  
Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Harry Hess Jr. PHONE: (\_\_\_\_) \_\_\_\_-\_\_\_\_  
ADDRESS: 319 W. Sun Hill Rd.

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? 2/3 Acre
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO \_\_\_\_\_
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

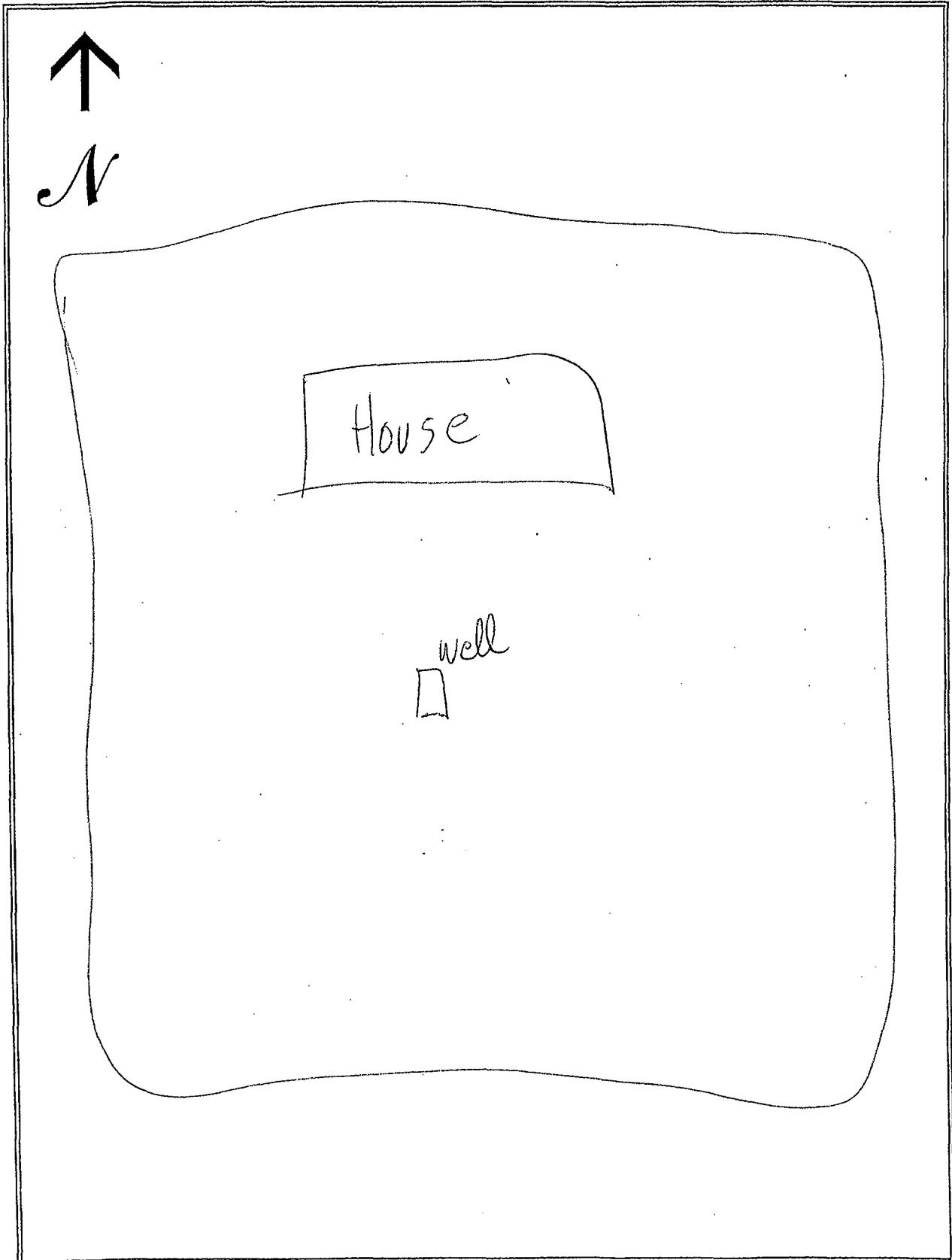
SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
<u>PUBLIC SEWER</u>	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

5/28/02

SAMPLE / MAP #  
245

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_-\_\_\_\_.  
Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Erb Brothers PHONE: (\_\_\_\_) \_\_\_\_-\_\_\_\_  
ADDRESS: 960 Fruitville Pike

1. How many people live in your house? 35 SEASONAL / ALL YEAR?
2. How large is your lot? 30 Acre
3. Do you have more than one sewage system on your lot? YES or (NO)  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? (WELL) SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR (NO) If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or (DRILLED)? How Deep? 275 ft. Cased? YES or NO \_\_\_\_\_
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? (YES) or NO When? 2000  
What were the results? High Nitrates
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

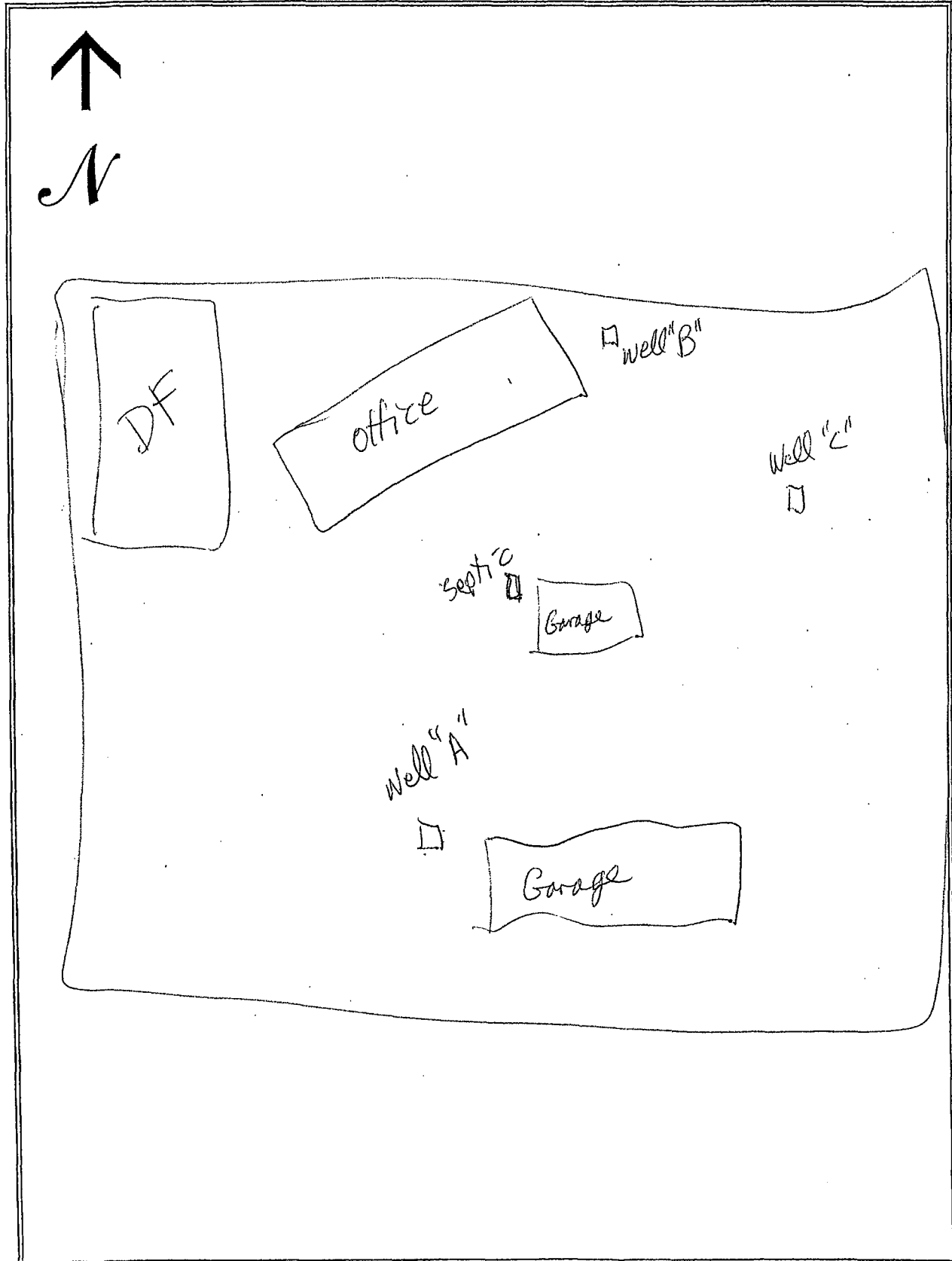
<u>(SEPTIC TANK)</u>	<u>(INGROUND BED)</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

<u>(SEPTIC TANK)</u>	<u>(INGROUND BED)</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 22 yrs Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? (YES) or NO How often? \_\_\_\_\_ Last time? 2001  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

\_\_\_\_/\_\_\_\_/\_\_\_\_

246

\_\_\_\_ (Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_\_/\_\_\_\_/\_\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Kenneth Hackman PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 357 Dead End Road

Lititz PA 17543

1. How many people live in your house? 2 SEASONAL / ALL YEAR?
2. How large is your lot? .71 acres
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? 150 ft. Cased? YES or NO  
5. How far is the well or spring from the drain field 350 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

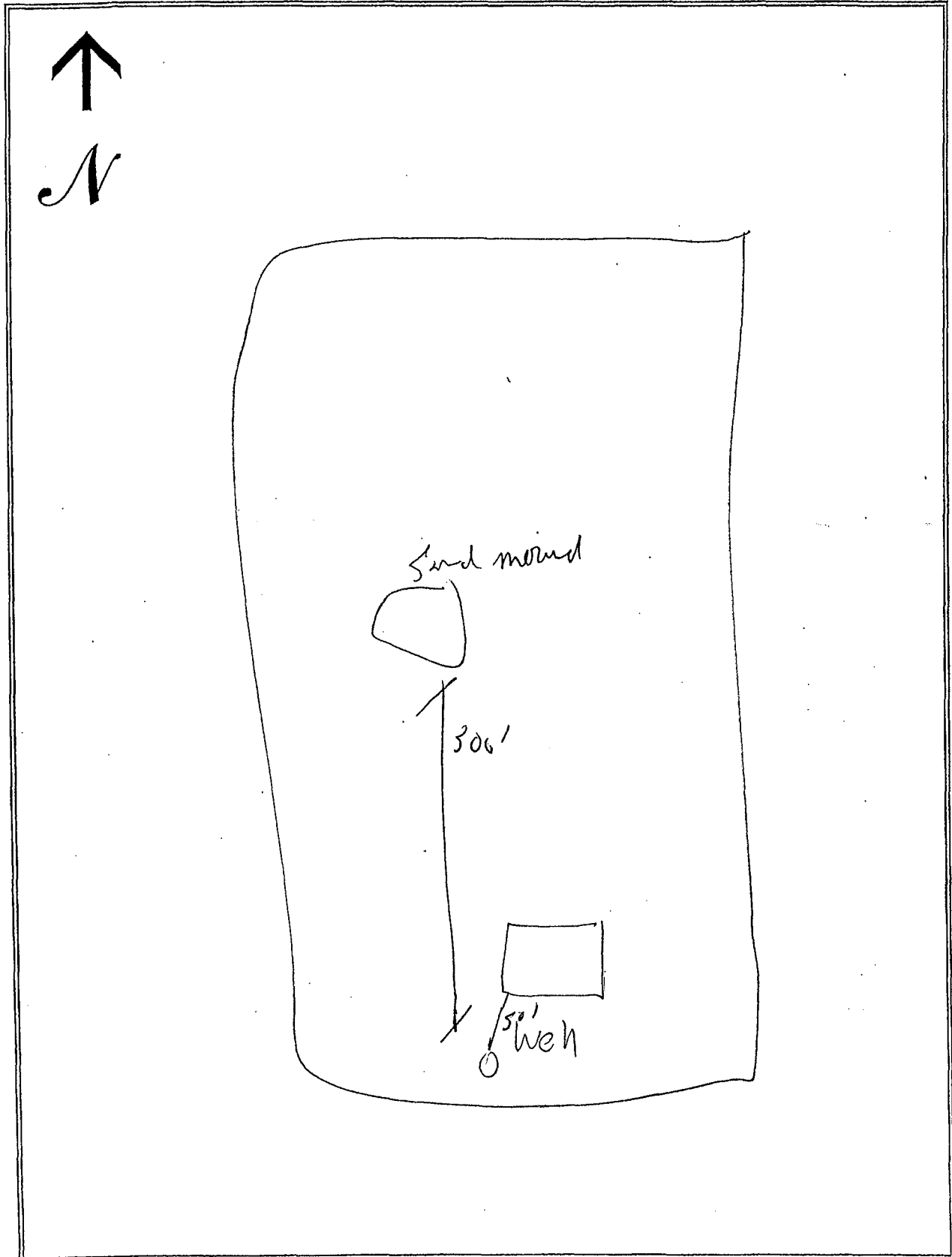
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	<u>INGROUND TRENCH</u>	STORM SEWER
OLD WELL	<u>ELEVATED SAND MOUND</u>	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 14 yrs Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? 3 yrs Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

# LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

247

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_-\_\_\_\_.  
Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Lynn Carvell PHONE: (\_\_\_\_) \_\_\_\_-\_\_\_\_  
ADDRESS: 327 Dead end Rd  
Lititz

1. How many people live in your house? 4 SEASONAL / ALL YEAR
2. How large is your lot? .75 acres
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO  
5. How far is the well or spring from the drain field 300 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
<u>CESSPOOL</u>	<u>INGROUND TRENCH</u>	STORM SEWER
OLD WELL	<u>ELEVATED SAND MOUND</u>	PIPE TO DITCH
HOLDING TANK	<u>SEEPAGE PIT</u>	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

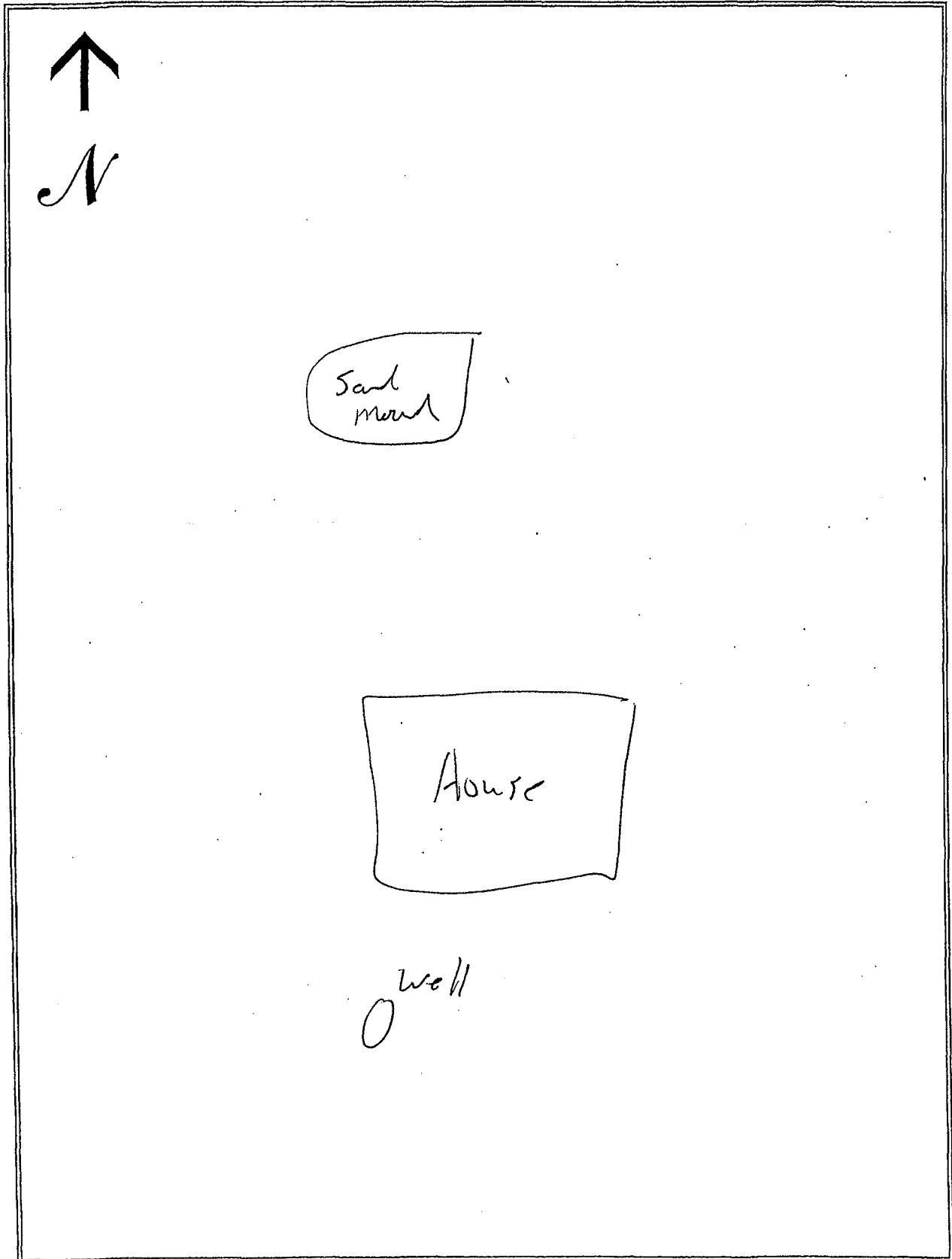
<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
<u>CESSPOOL</u>	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? 3 yrs Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:



LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

SAMPLE/MAP #

248

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_-\_\_\_\_.  
Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Susan McCormick PHONE: (\_\_\_\_) \_\_\_\_-\_\_\_\_  
ADDRESS: 295 Dead End Rd

1. How many people live in your house? 7 SEASONAL / ALL YEAR?
2. How large is your lot? 13 acres
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO  
5. How far is the well or spring from the drain field 300 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

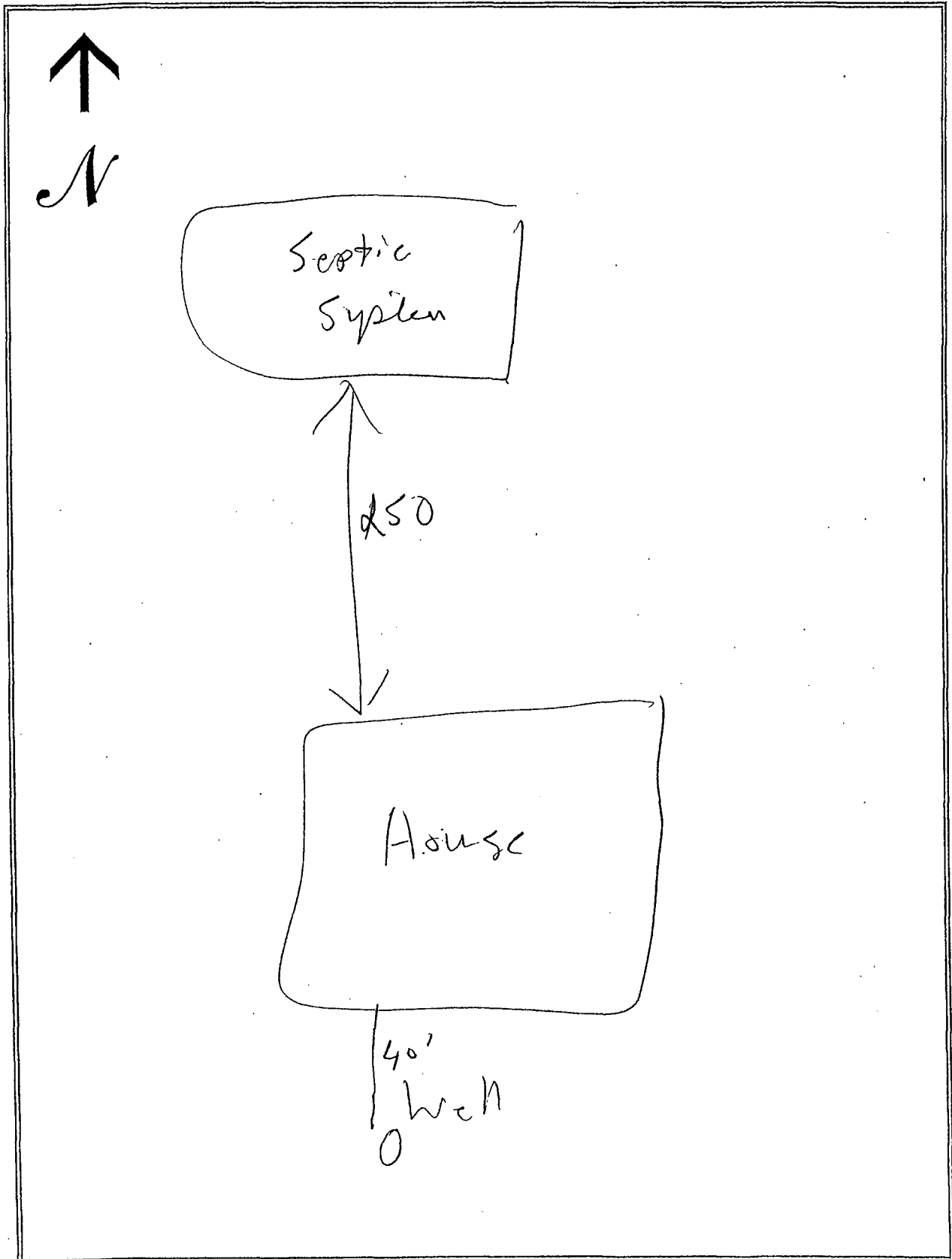
<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
<u>CESSPOOL</u>	INGROUND TRENCH	STORM SEWER
OLD WELL	<u>ELEVATED SAND MOUND</u>	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? 2 yrs Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

249

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_-\_\_\_\_.  
Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: BOB CLARK PHONE: (\_\_\_\_) \_\_\_\_-\_\_\_\_  
ADDRESS: 773 Franklin DR.

1. How many people live in your house? 4 SEASONAL / ALL YEAR
2. How large is your lot? \_\_\_\_\_
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO  
5. How far is the well or spring from the drain field 150 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

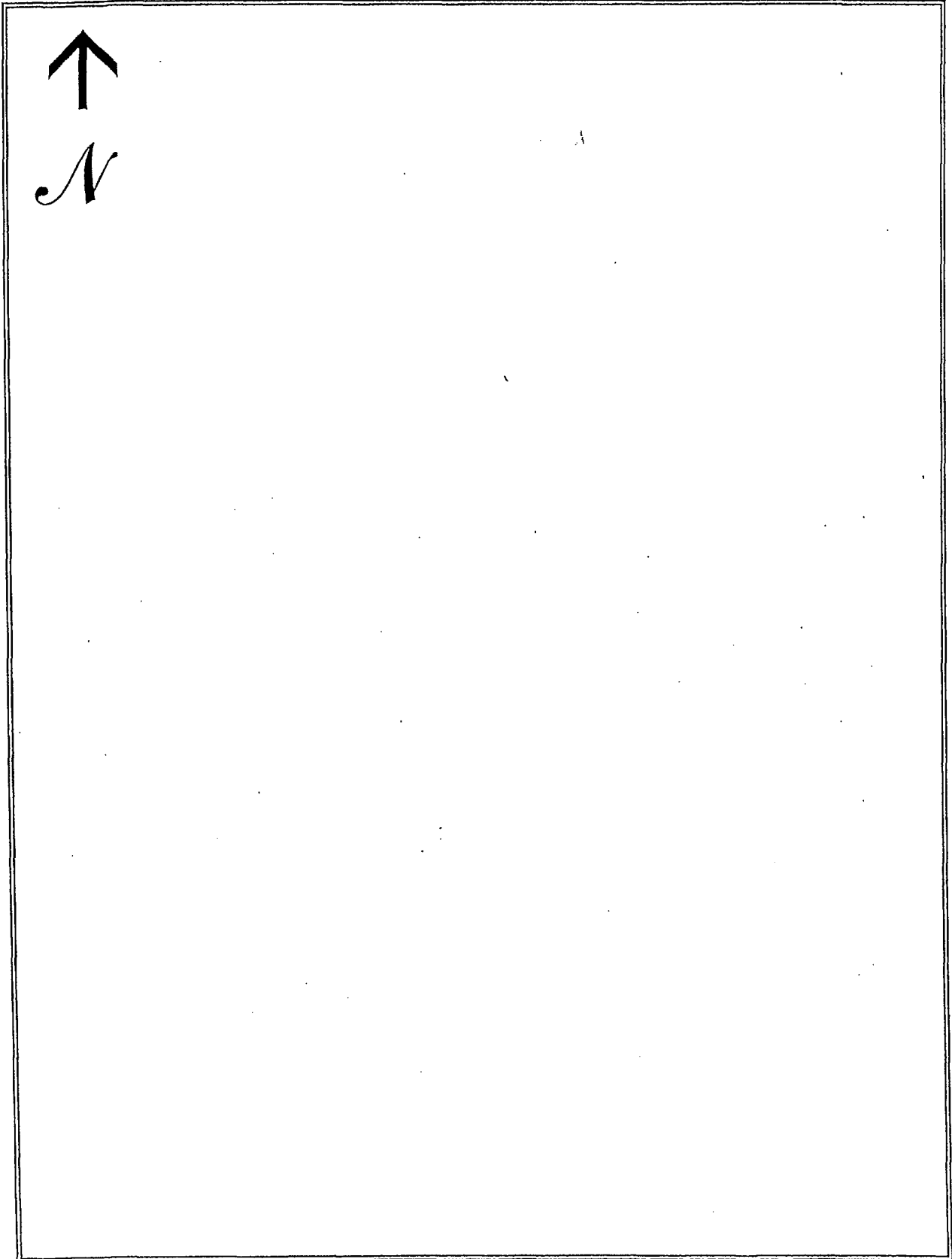
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
<u>CESSPOOL</u>	<u>INGROUND TRENCH</u>	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
<u>CESSPOOL</u>	<u>INGROUND TRENCH</u>	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 15 yrs Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? 2 yrs Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS: 2:20

LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

5/28/02

SAMPLE/MAP #

250

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_-\_\_\_\_.  
Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Theresa Mintz PHONE: (\_\_\_\_) \_\_\_\_-\_\_\_\_

ADDRESS: 1192 W. Lexington Rd.

1. How many people live in your house? 2 SEASONAL / ALL YEAR?
2. How large is your lot? 1/2 Acre
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? 4 months  
What were the results? OK
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

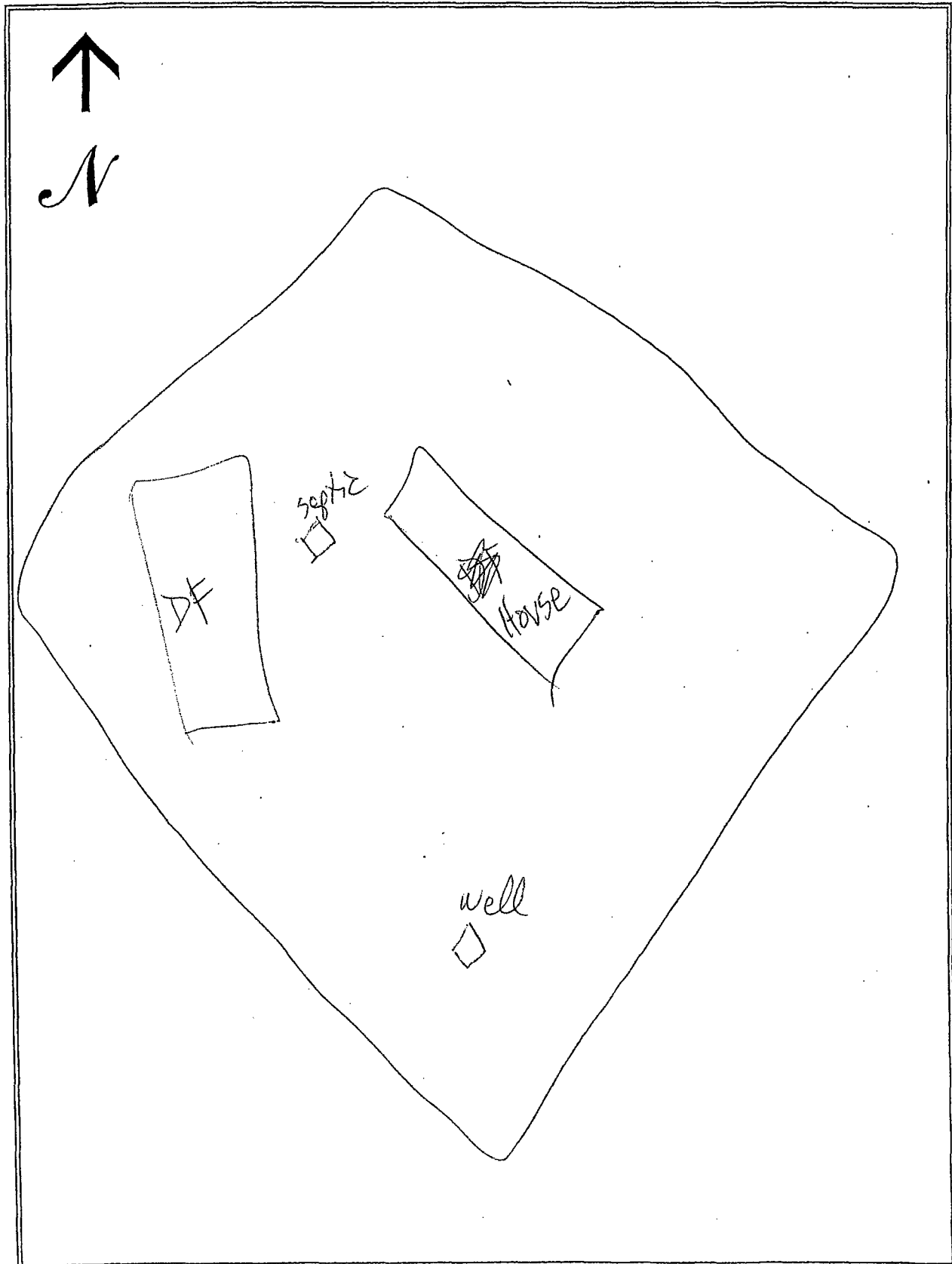
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 16 yrs Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	<u>WETNESS OR SPONGY AREAS</u>
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? 4 months Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

# LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

5/28/02

SAMPLE / MAP #

251

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Gary Deitz PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 2069 Sanctuary Rd

- How many people live in your house? 2 SEASONAL / ALL YEAR?
- How large is your lot? 1/2 Acre
- Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
- What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? 250 ft. Cased? YES or NO \_\_\_\_\_
- How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? 4 yrs  
What were the results? OK
- What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	<u>ELEVATED SAND MOUND</u>	PIPE TO DITCH
<u>HOLDING TANK</u>	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
- Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

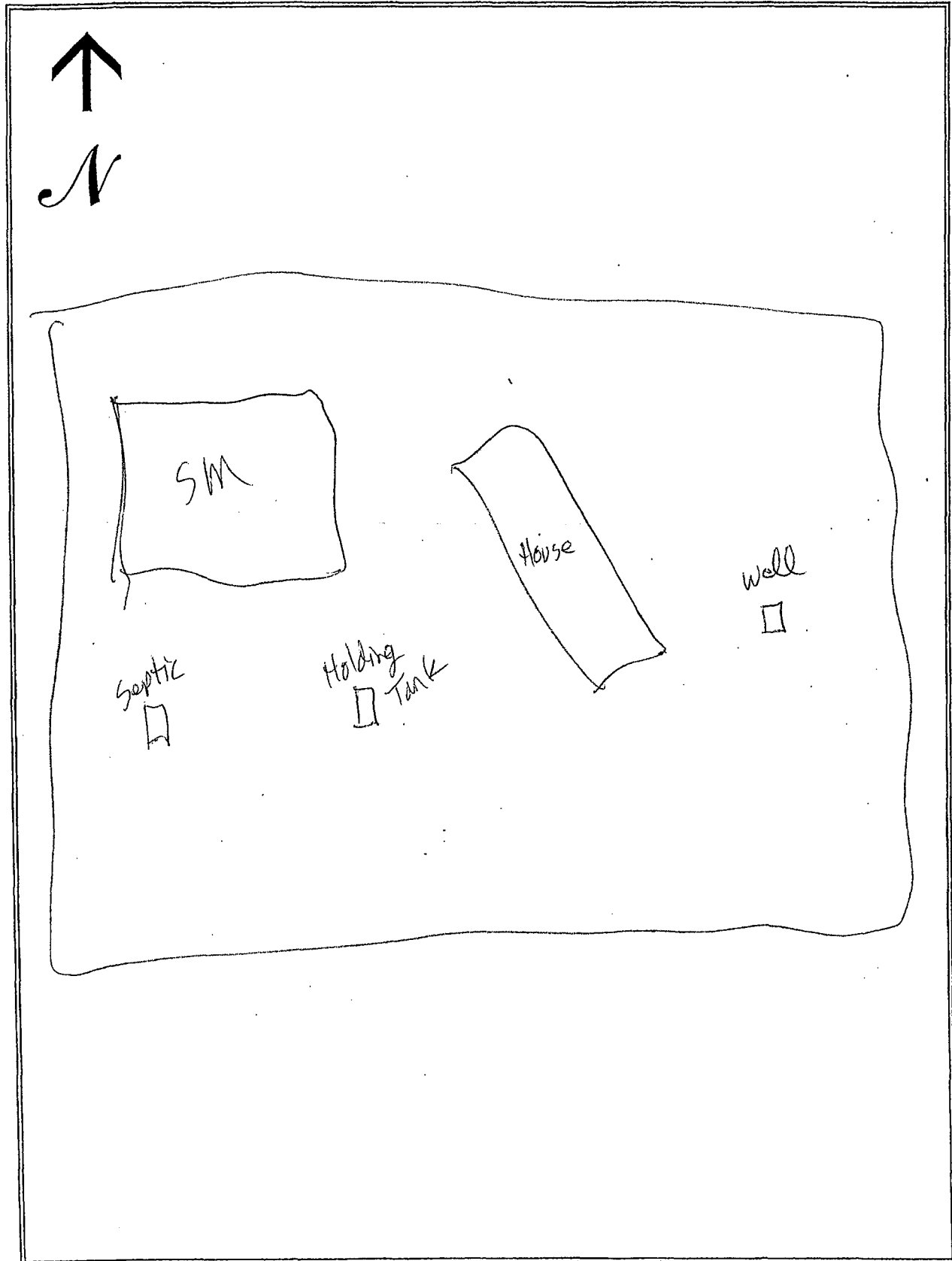
<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
- How old is your system? 17 yrs Was it permitted? Y / N When? \_\_\_\_\_
- Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
<u>SLUGGISH DRAINS</u>	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
- Was your system every pumped out? YES or NO How often? 4-5 yrs Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
- Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
- Are there any other sewage problems you are aware of?
- COMMENTS:



## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

5/28/02

SAMPLE / MAP #

252

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Jere High PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 1737 Sanctuary Rd. or Locust Grove(?)

- How many people live in your house? 4 SEASONAL / ALL YEAR?
- How large is your lot? 3 1/4 Acres
- Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
- What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? 180 ft. Cased? YES or NO
- How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? 7 yrs  
What were the results? High Nitrate
- What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

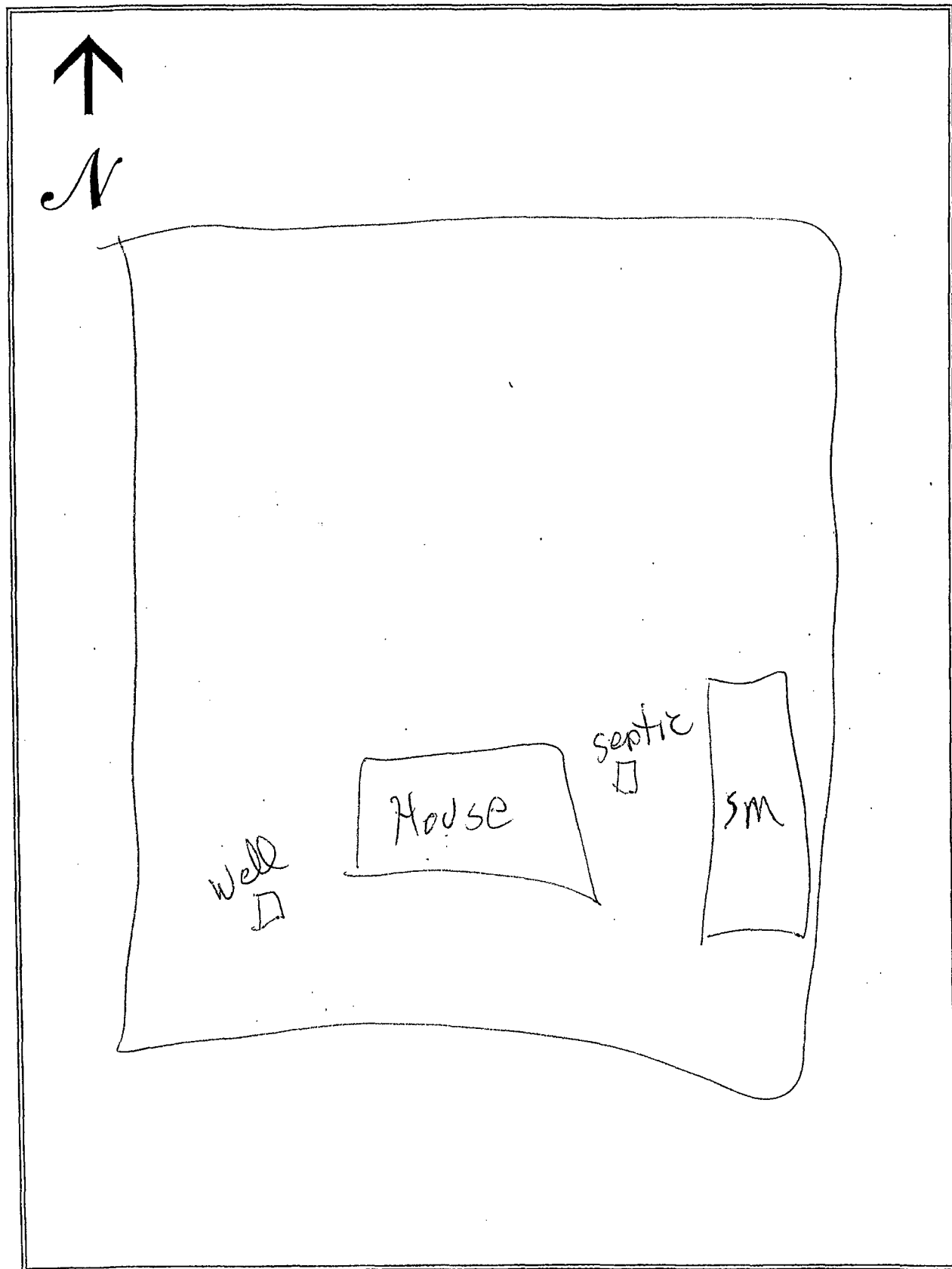
<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	<u>ELEVATED SAND MOUND</u>	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
- Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
- How old is your system? 9 yrs Was it permitted? Y / N When? \_\_\_\_\_
- Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
- Was your system every pumped out? YES or NO How often? 2-3 yrs Last time? Dec 2001  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
- Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
- Are there any other sewage problems you are aware of?
- COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

5/29/02

SAMPLE / MAP #

253

PENN (Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: WEAVER PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 2452 SCENIC DRIVE

- How many people live in your house? 3 SEASONAL / ALL YEAR
- How large is your lot? 2 ACRES
- Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
- What kind of water system do you have? WELL SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? N/A ft. Cased? YES or NO \_\_\_\_\_
- How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWNSLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
- What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

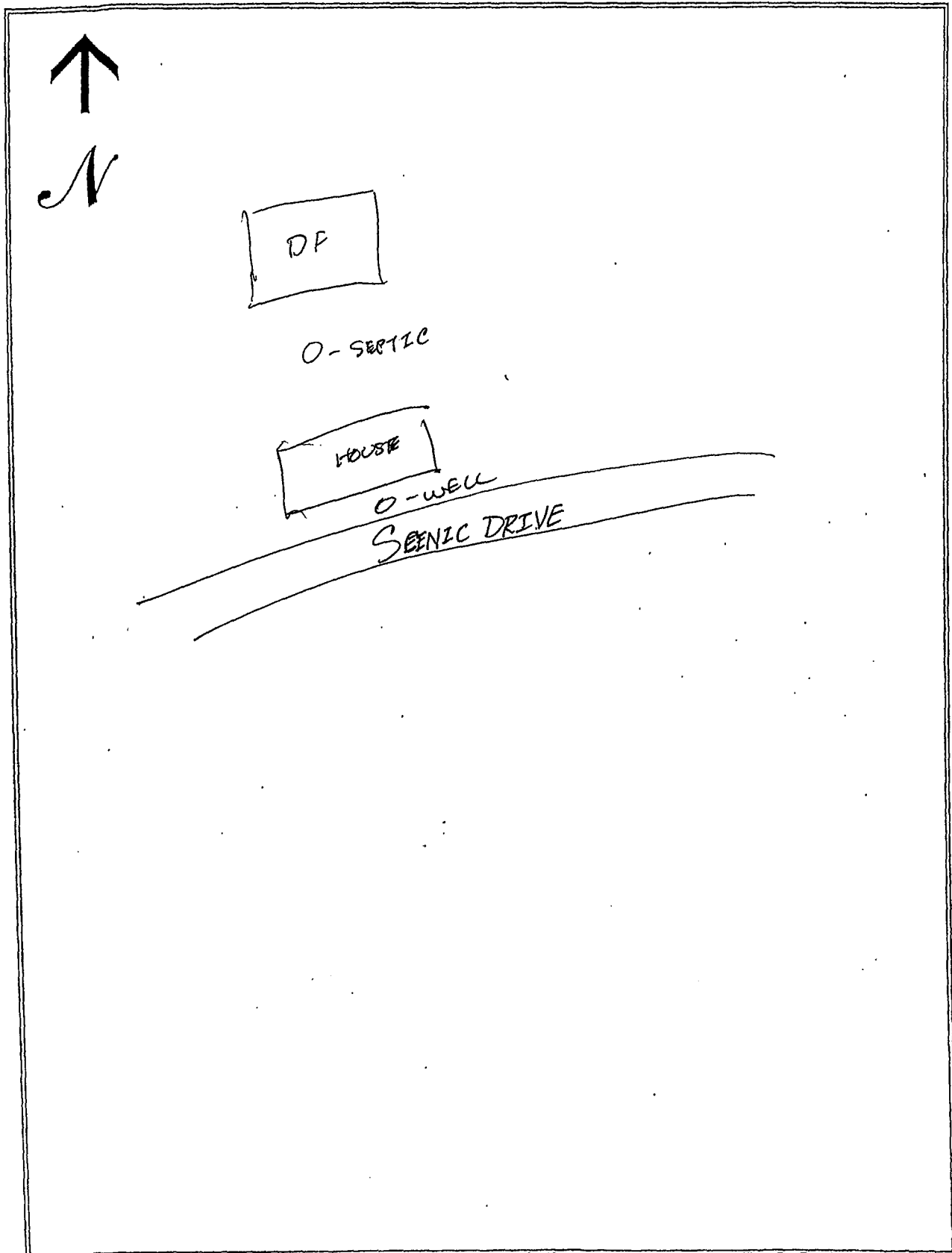
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
- Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
- How old is your system? 26 yrs. Was it permitted? Y / N When? \_\_\_\_\_
- Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS	<u>NONE</u>
ODORS	WATER PONDING OR SURFACING	
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME	
SYSTEM OVERFLOW	OTHER _____	
- Was your system every pumped out? YES or NO How often? 18 MONTHS Last time? N/A  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
- Was your system ever repaired? YES or NO When? WELL By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
- Are there any other sewage problems you are aware of? NONE
- COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

5/29/02

254

PENN (Boro./Twp) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: GARRISON PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 2464 SCENIC

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? \_\_\_\_\_
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

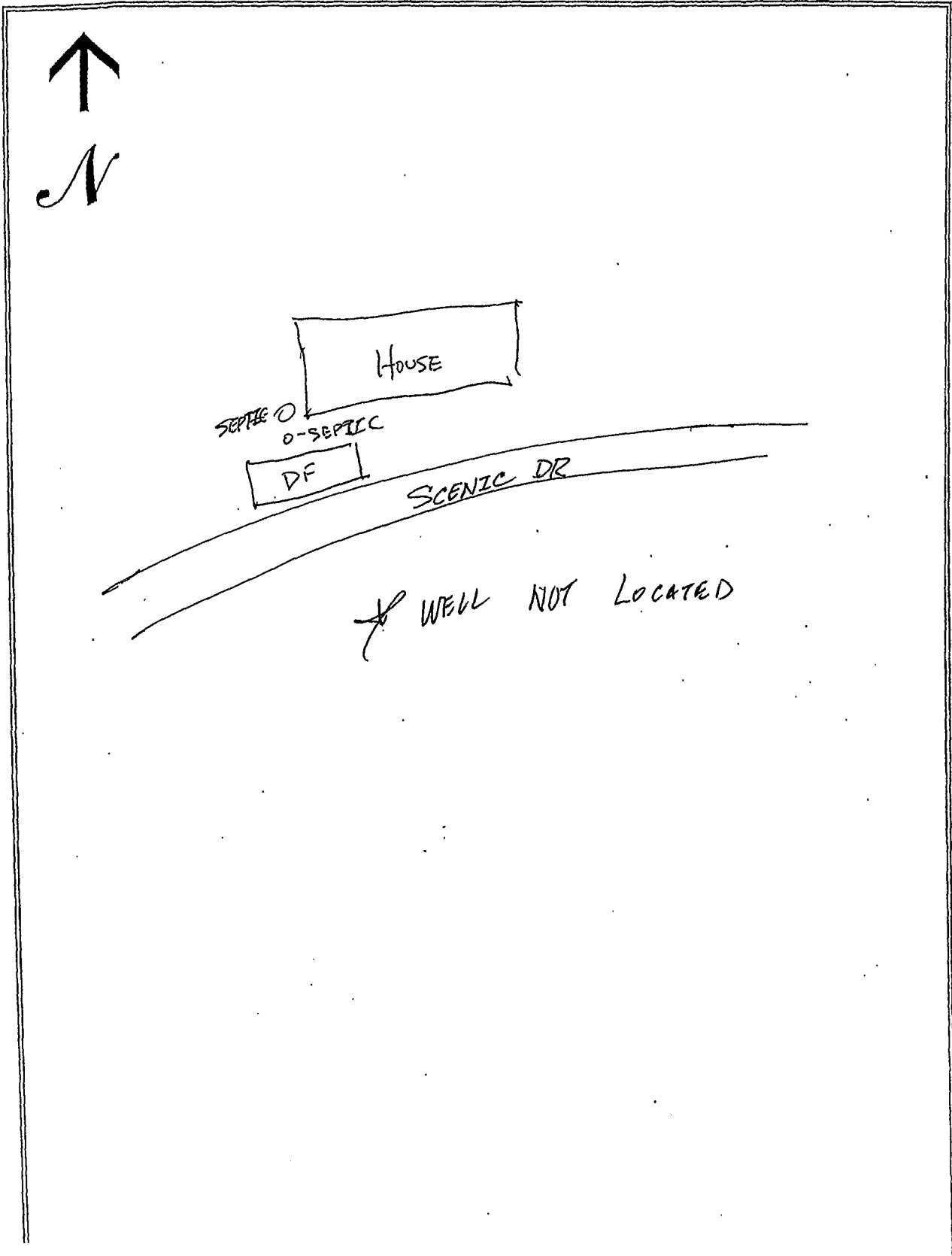
<input checked="" type="checkbox"/> SEPTIC TANK	<input checked="" type="checkbox"/> INGROUND BED	<input type="checkbox"/> COMMUNITY SEWER
<input type="checkbox"/> CESSPOOL	<input type="checkbox"/> INGROUND TRENCH	<input type="checkbox"/> STORM SEWER
<input type="checkbox"/> OLD WELL	<input type="checkbox"/> ELEVATED SAND MOUND	<input type="checkbox"/> PIPE TO DITCH
<input type="checkbox"/> HOLDING TANK	<input type="checkbox"/> SEEPAGE PIT	<input type="checkbox"/> PIPE TO STEAM
<input type="checkbox"/> PRIVY	<input type="checkbox"/> BORE HOLE	<input type="checkbox"/> PIPE TO SURFACE
<input type="checkbox"/> PUBLIC SEWER	<input type="checkbox"/> OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

<input checked="" type="checkbox"/> SEPTIC TANK	<input checked="" type="checkbox"/> INGROUND BED	<input type="checkbox"/> COMMUNITY SEWER
<input type="checkbox"/> CESSPOOL	<input type="checkbox"/> INGROUND TRENCH	<input type="checkbox"/> STORM SEWER
<input type="checkbox"/> OLD WELL	<input type="checkbox"/> ELEVATED SAND MOUND	<input type="checkbox"/> PIPE TO DITCH
<input type="checkbox"/> HOLDING TANK	<input type="checkbox"/> SEEPAGE PIT	<input type="checkbox"/> PIPE TO STEAM
<input type="checkbox"/> PRIVY	<input type="checkbox"/> BORE HOLE	<input type="checkbox"/> PIPE TO SURFACE
<input type="checkbox"/> PUBLIC SEWER	<input type="checkbox"/> OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

<input type="checkbox"/> GREEN LUSH GRASS	<input type="checkbox"/> WETNESS OR SPONGY AREAS
<input type="checkbox"/> ODORS	<input type="checkbox"/> WATER PONDING OR SURFACING
<input type="checkbox"/> SLUGGISH DRAINS	<input type="checkbox"/> WASTEWATER BACKING INTO THE HOME
<input type="checkbox"/> SYSTEM OVERFLOW	<input type="checkbox"/> OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

5/20/02

SAMPLE / MAP #

255

PENN (Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Wilson (LEON / IRIS) PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 2386 N. PENRYN

1. How many people live in your house? 2 SEASONAL / ALL YEAR?
2. How large is your lot? \_\_\_\_\_
3. Do you have more than one sewage system on your lot? YES or (NO)  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? (WELL?) SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO  
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? 1997  
What were the results? HARD WATER
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

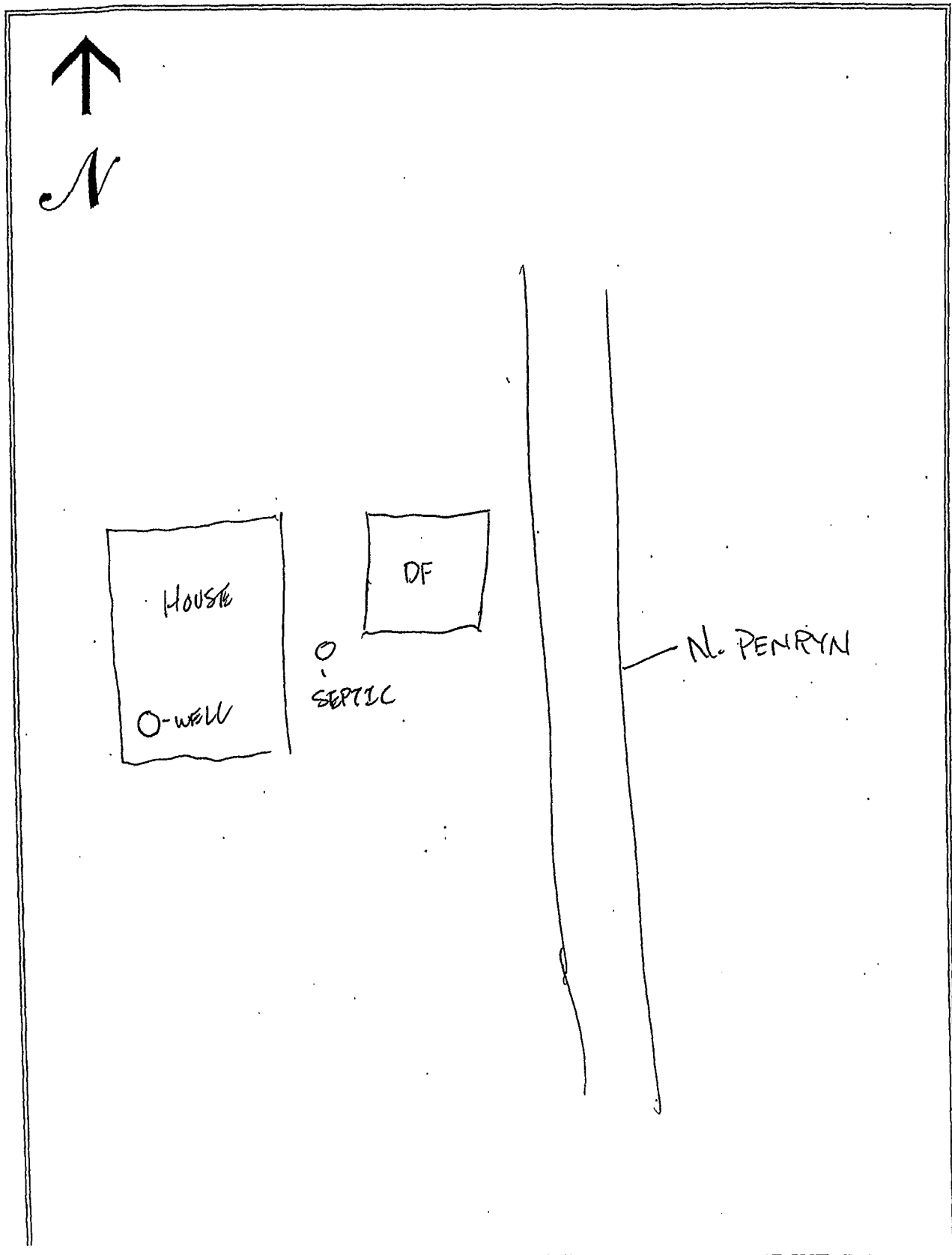
SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? (YES) or NO How often? \_\_\_\_\_ Last time? 2001  
If it was pumped, was it inspected for cracks or broken baffles? yes
12. Was your system ever repaired? YES or (NO) When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of? NO
14. COMMENTS:



# LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

5/29/02

254

PENNA (Borough/Twp) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by      /      /      to the municipal office at:

If you have any questions please contact      at (      )      -      .

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: MARIN PHONE: (      )      -     

ADDRESS: 2376 N1 PENRYN

1. How many people live in your house? 6 SEASONAL / ALL YEAR

2. How large is your lot? 0.58 ACRES

3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain:     

4. What kind of water system do you have? WELL SPRING? PUBLIC? OTHER?       
Do you treat your water? YES OR NO If yes, how?       
If you have a well: Is it DUG or DRILLED? How Deep?      ft. Cased? YES or NO     

5. How far is the well or spring from the drain field      ft. Is well UP/DOWN SLOPE       
Have you every had your water tested? YES or NO When? 1997  
What were the results? ↑ IRON

7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER <u>    </u>	

8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER <u>    </u>	

9. How old is your system? N/A Was it permitted? Y / N When?     

10. Have you every noticed any of the following near your septic system?

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
<u>ODORS W/ SEVERE RAIN</u>	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER <u>    </u>

11. Was your system every pumped out? YES or NO How often? ONCE Last time? N/A  
If it was pumped, was it inspected for cracks or broken baffles?     

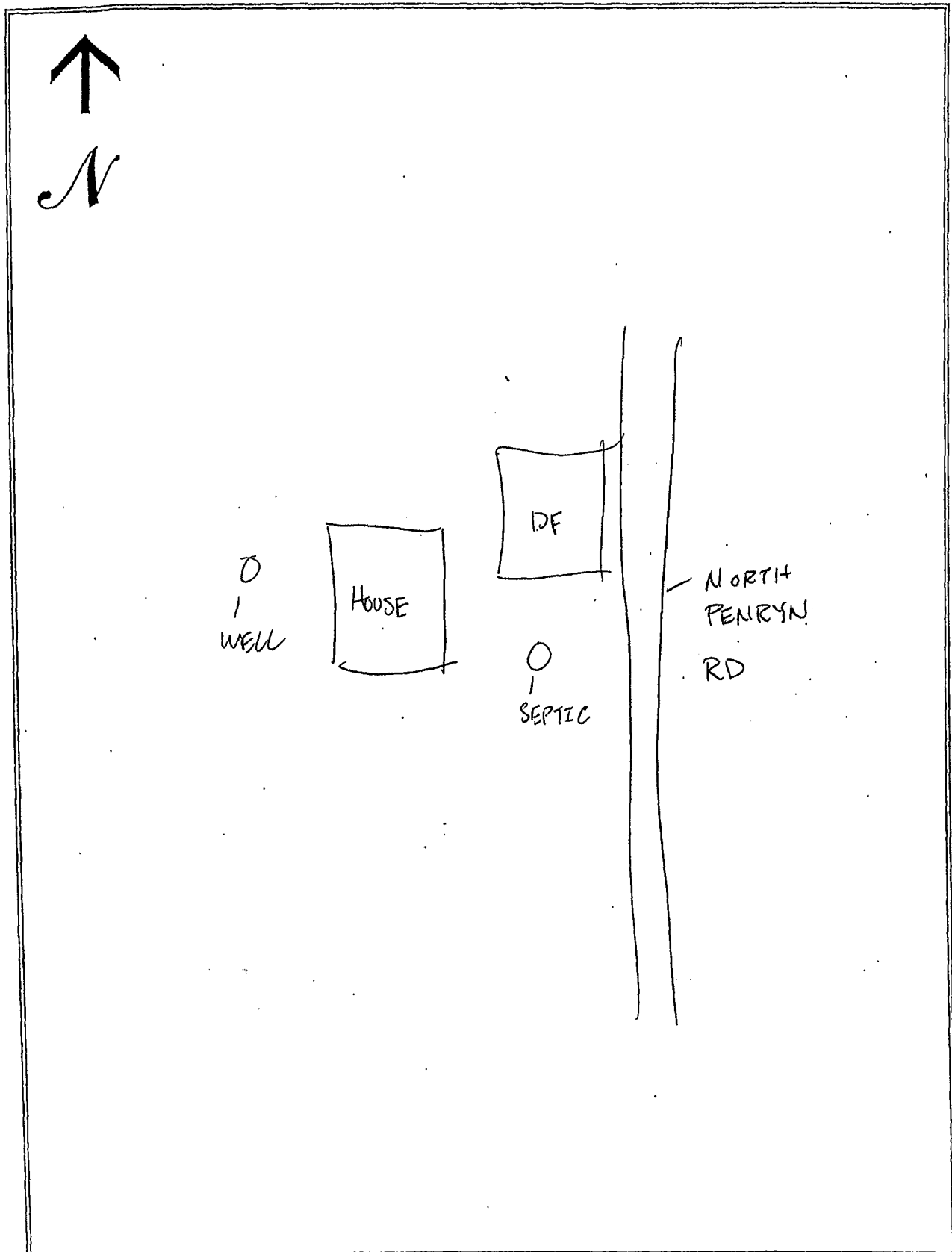
12. Was your system ever repaired? YES or NO When? No By permit? YES / NO       
What part was repaired or replaced?  
TANK REPAIRED/REPLACED      LINE: REPAIRED/REPLACED      DRAIN FIELD: REPAIRED/REPLACED     

13. Are there any other sewage problems you are aware of? No

14. COMMENTS:

LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks

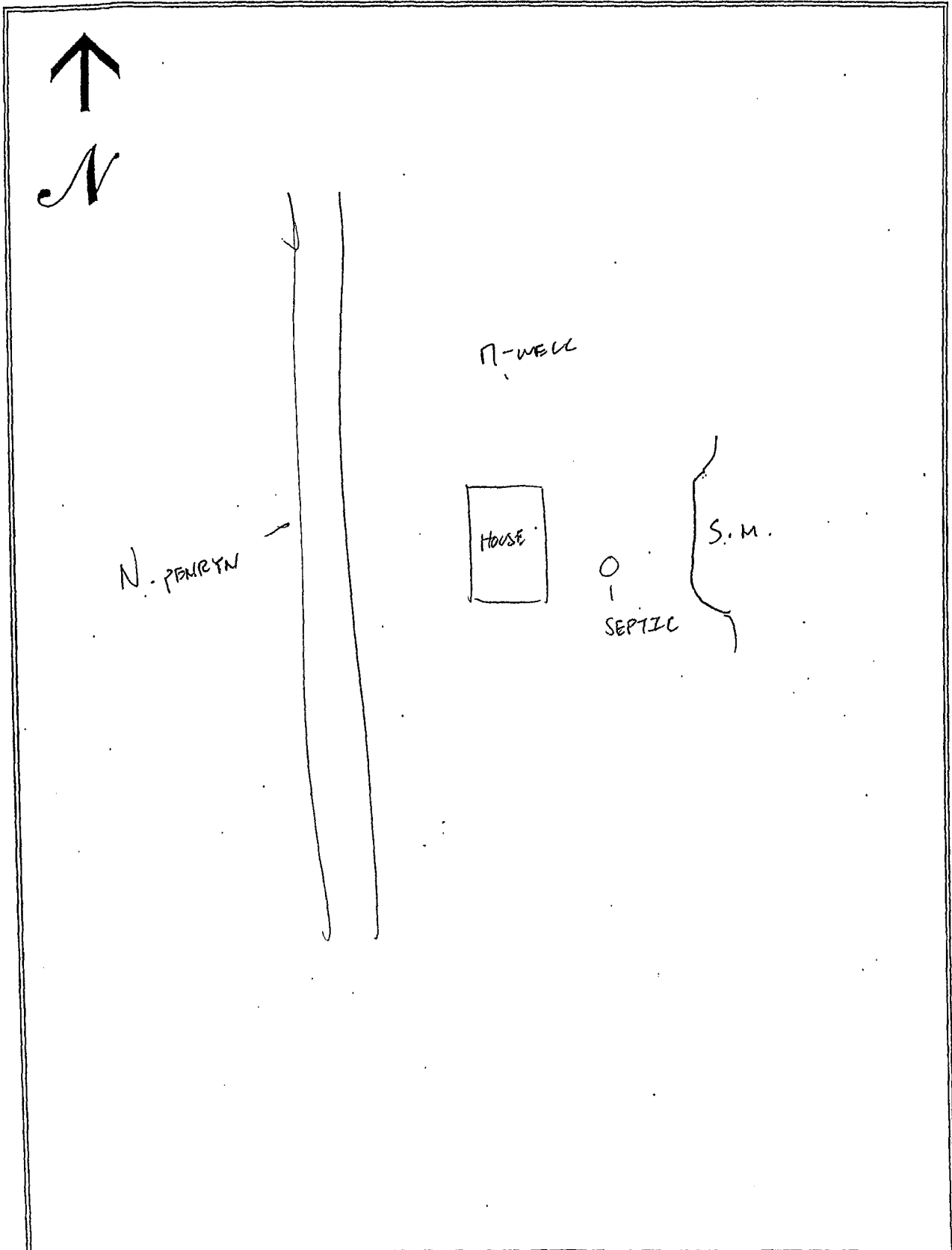


## 257

14. COMMENTS:

# LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

5 / 29 / 02

258

PENNY (Boro./Twp) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by      /      /      to the municipal office at:

If you have any questions please contact                      at (      )      -      .

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Good PHONE: (      )      -     

ADDRESS: 2287 N. PENRYN

1. How many people live in your house? 6 SEASONAL / ALL YEAR?
2. How large is your lot? 45 ACRES
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain:
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER?                       
Do you treat your water? YES OR NO If yes, how? WATER SOFTENER  
If you have a well: Is it DUG or DRILLED? How Deep?                      ft. Cased? YES or NO
5. How far is the well or spring from the drain field                      ft. Is well UP/DOWN SLOPE                       
Have you every had your water tested? YES or NO When? N/A  
What were the results?
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

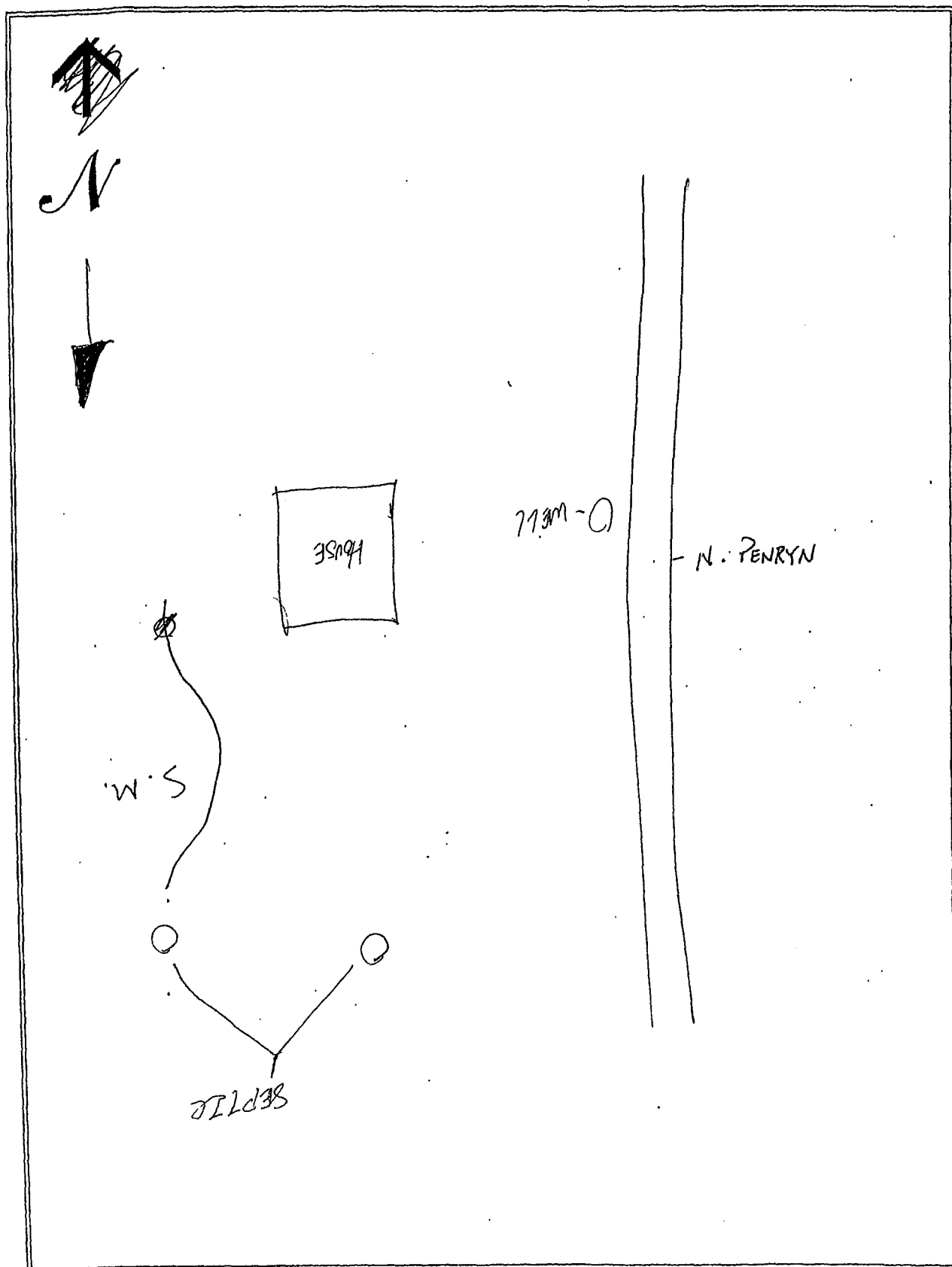
<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
<u>CESSPOOL</u>	INGROUND TRENCH	STORM SEWER
OLD WELL	<u>ELEVATED SAND MOUND</u>	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER <u>                    </u>	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
<u>CESSPOOL</u>	INGROUND TRENCH	STORM SEWER
OLD WELL	<u>ELEVATED SAND MOUND</u>	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER <u>                    </u>	
9. How old is your system? 1996 - 6 yrs. Was it permitted? Y / N When?
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS	<u>NONE</u>
ODORS	WATER PONDING OR SURFACING	
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME	
SYSTEM OVERFLOW	OTHER <u>                    </u>	
11. Was your system every pumped out? YES or NO How often? N/A Last time?                       
If it was pumped, was it inspected for cracks or broken baffles?
12. Was your system ever repaired? YES or NO When?                      By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED                      LINE: REPAIRED/REPLACED                      DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of? NO
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include:* tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



5129102

259

PENN

(Boro./Twp.)

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: SCHREENGOST PHONE: ( ) - -

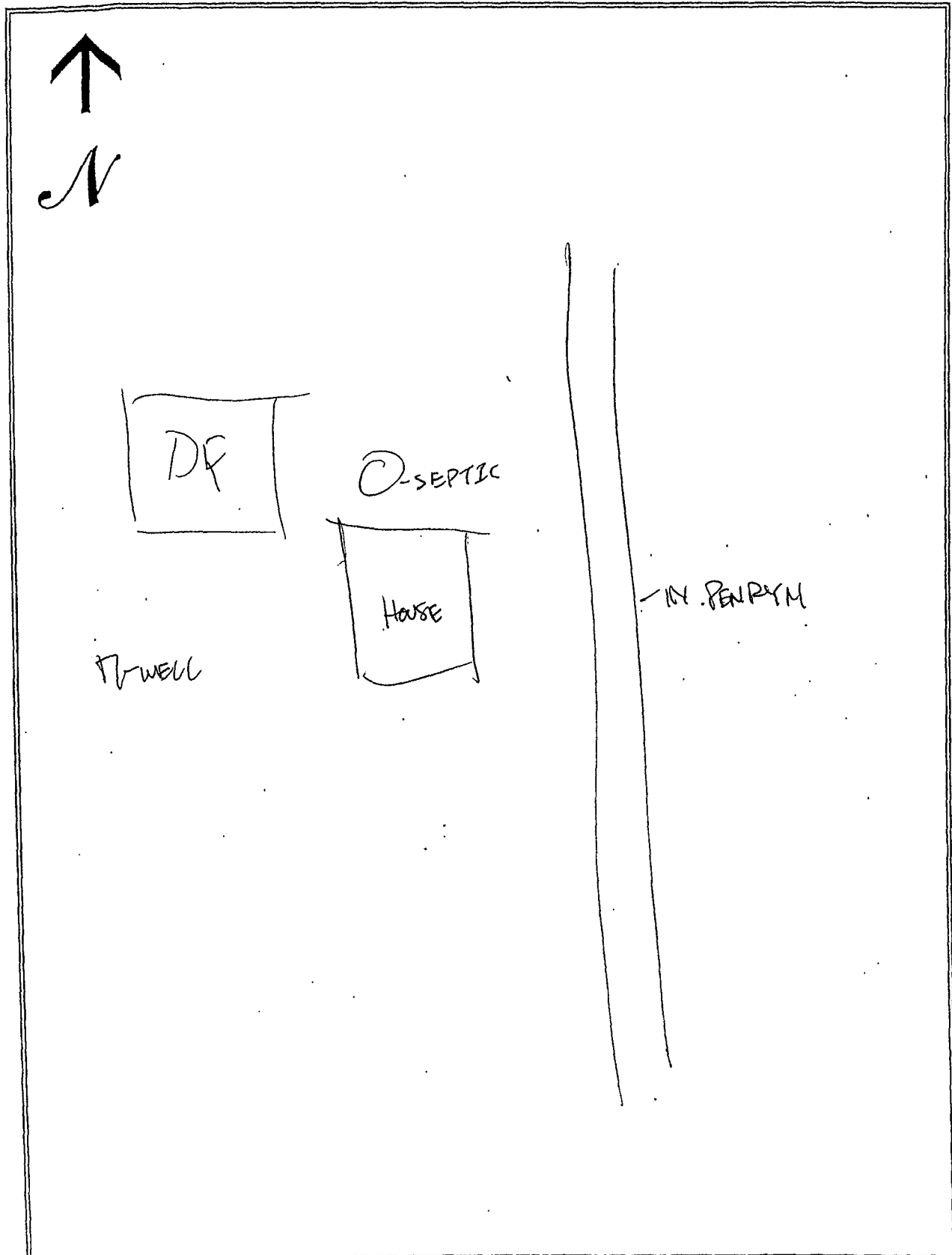
ADDRESS: 2264 N. PENRYN

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? \_\_\_\_\_
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWNSLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
- |              |                     |                 |
|--------------|---------------------|-----------------|
| SEPTIC TANK  | INGROUND BED        | COMMUNITY SEWER |
| CESSPOOL     | INGROUND TRENCH     | STORM SEWER     |
| OLD WELL     | ELEVATED SAND MOUND | PIPE TO DITCH   |
| HOLDING TANK | SEEPAGE PIT         | PIPE TO STEAM   |
| PRIVY        | BORE HOLE           | PIPE TO SURFACE |
| PUBLIC SEWER | OTHER _____         |                 |
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
- |              |                     |                 |
|--------------|---------------------|-----------------|
| SEPTIC TANK  | INGROUND BED        | COMMUNITY SEWER |
| CESSPOOL     | INGROUND TRENCH     | STORM SEWER     |
| OLD WELL     | ELEVATED SAND MOUND | PIPE TO DITCH   |
| HOLDING TANK | SEEPAGE PIT         | PIPE TO STEAM   |
| PRIVY        | BORE HOLE           | PIPE TO SURFACE |
| PUBLIC SEWER | OTHER _____         |                 |
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
- |                  |                                  |
|------------------|----------------------------------|
| GREEN LUSH GRASS | WETNESS OR SPONGY AREAS          |
| ODORS            | WATER PONDING OR SURFACING       |
| SLUGGISH DRAINS  | WASTEWATER BACKING INTO THE HOME |
| SYSTEM OVERFLOW  | OTHER _____                      |
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:



## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

5/28/02

SAMPLE / MAP #

260

PENN (Boro./Twp) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Daniel LINDSEY PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 2420 Scenic Drive

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? \_\_\_\_\_
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

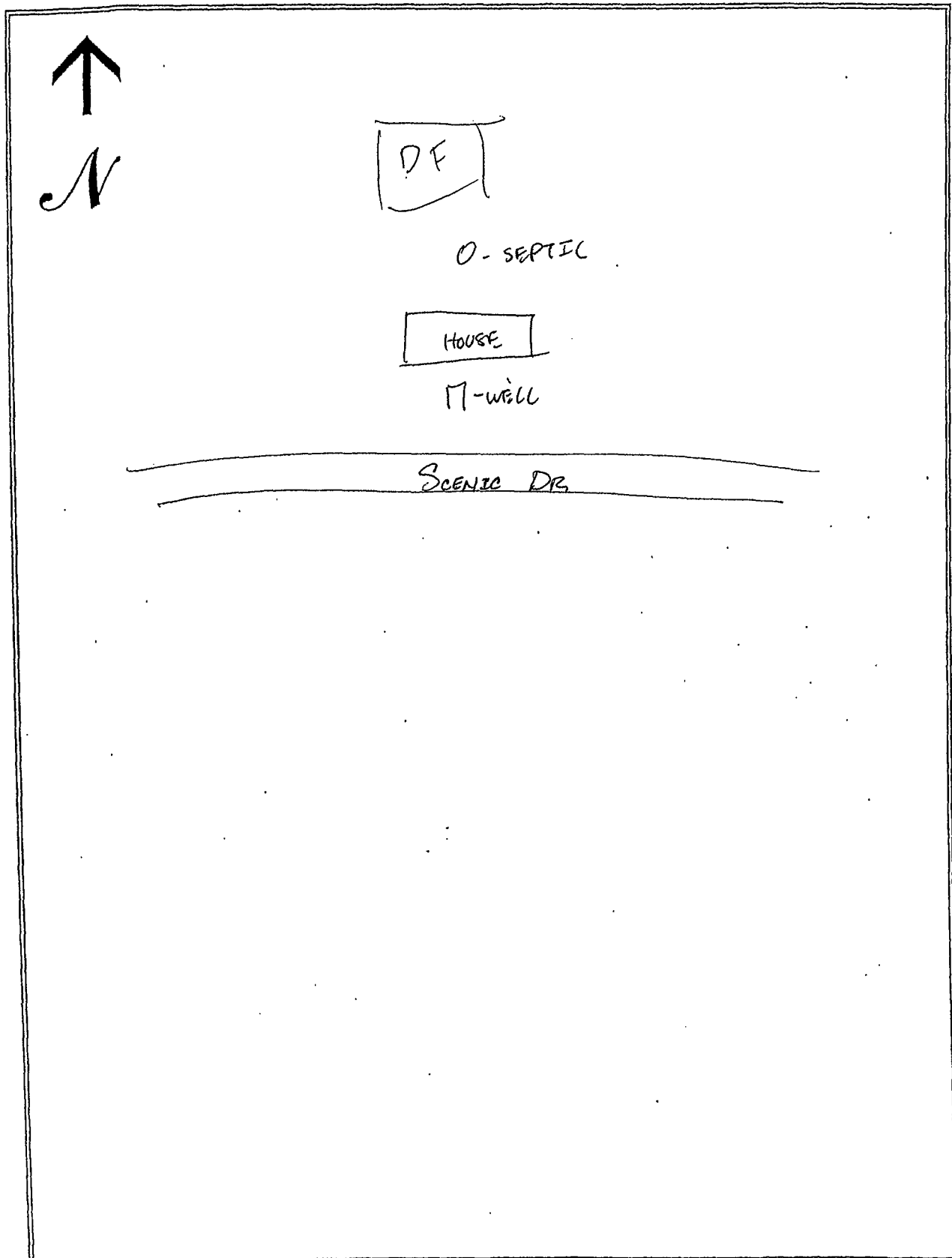
SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

5/29/02

SAMPLE / MAP #

261

PENN (Boro. Twp) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: GERNERT PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 2411 SCENIC DR.

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? \_\_\_\_\_
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

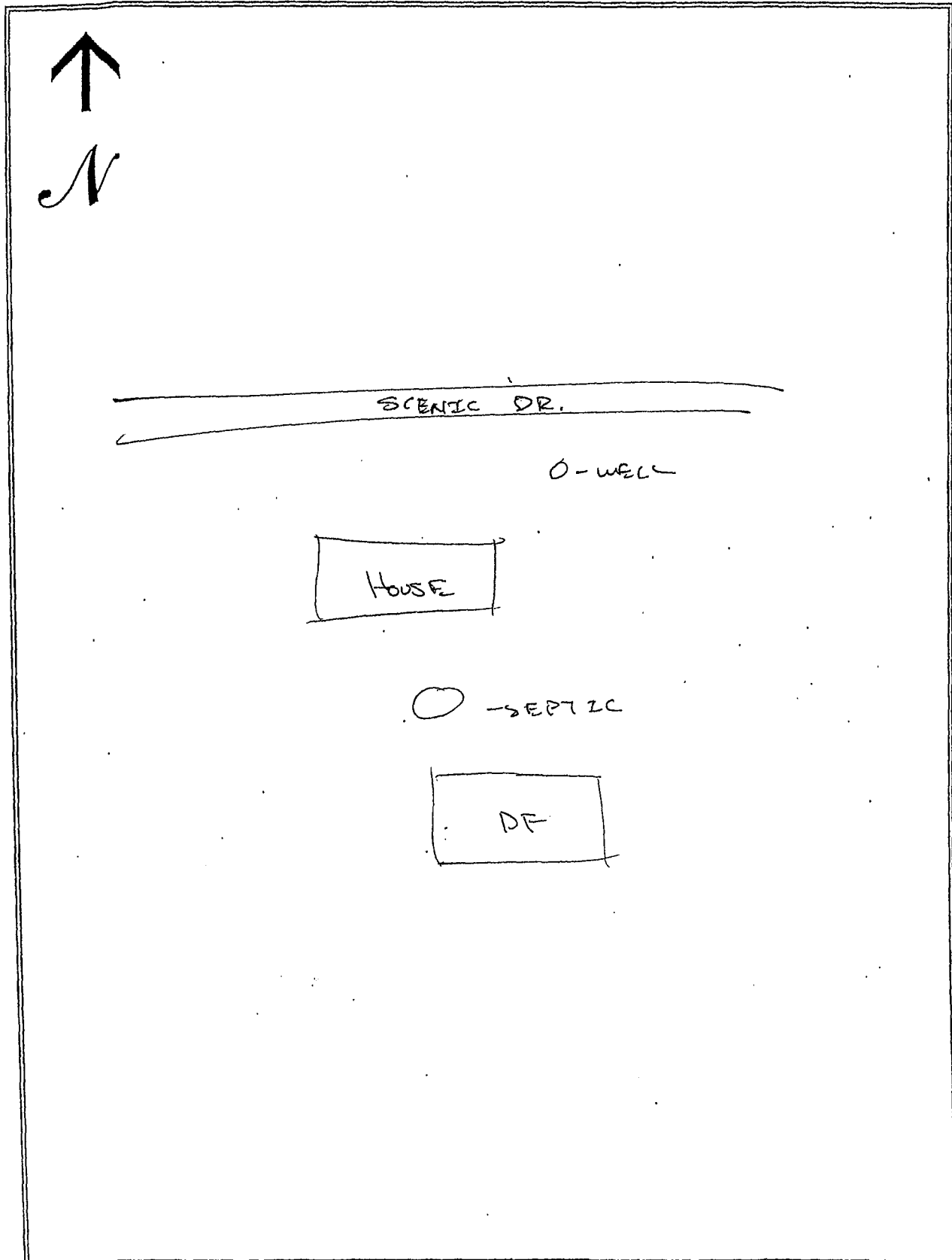
SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

5/29/02

SAMPLE / MAP #

262

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: ENGLE PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 2019 E. Mount Hope

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? \_\_\_\_\_
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWNSLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

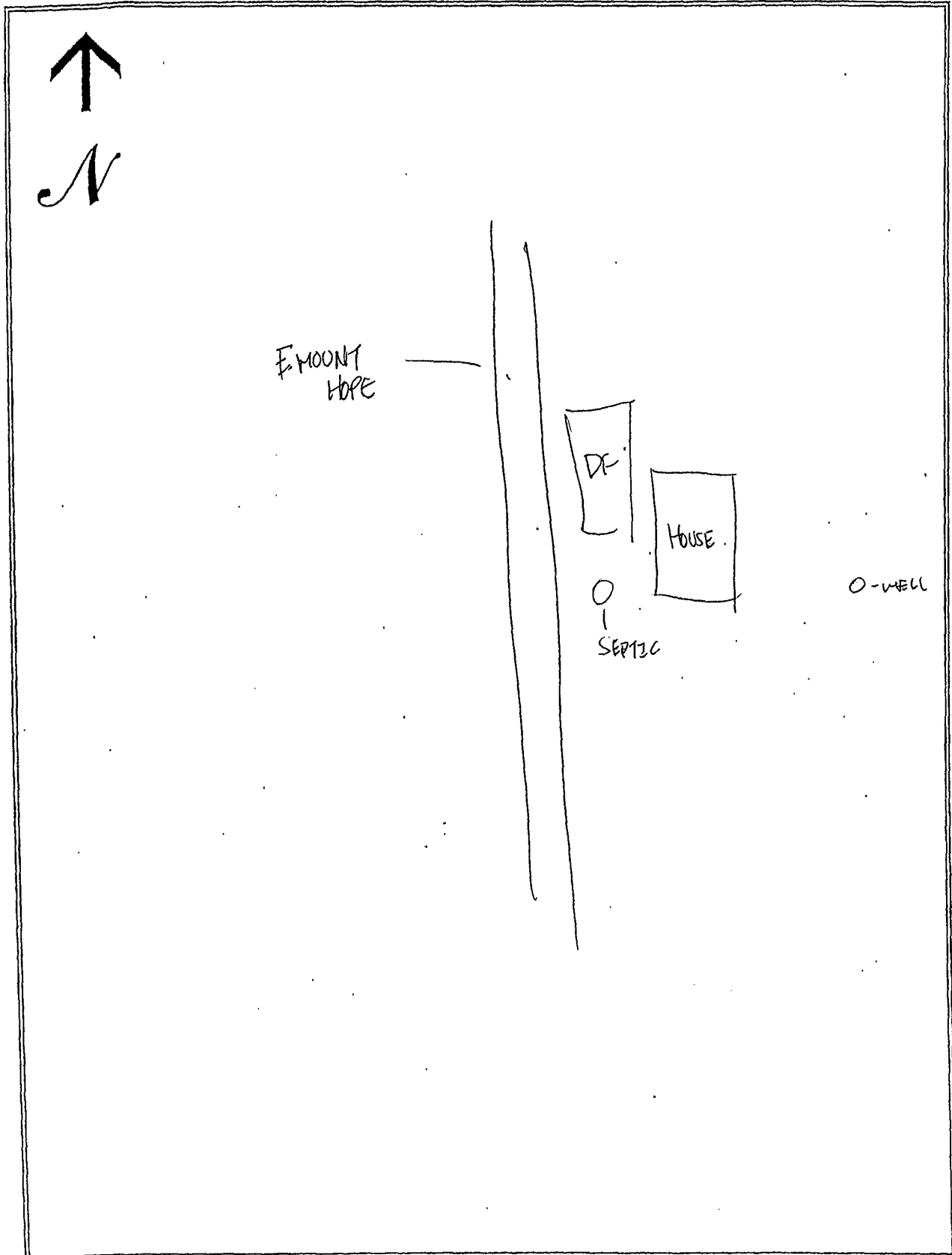
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

5/29/02

263

PENN

(Boro. / Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: DETTEL PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 1539 WILLOUGHBY RD

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? \_\_\_\_\_
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

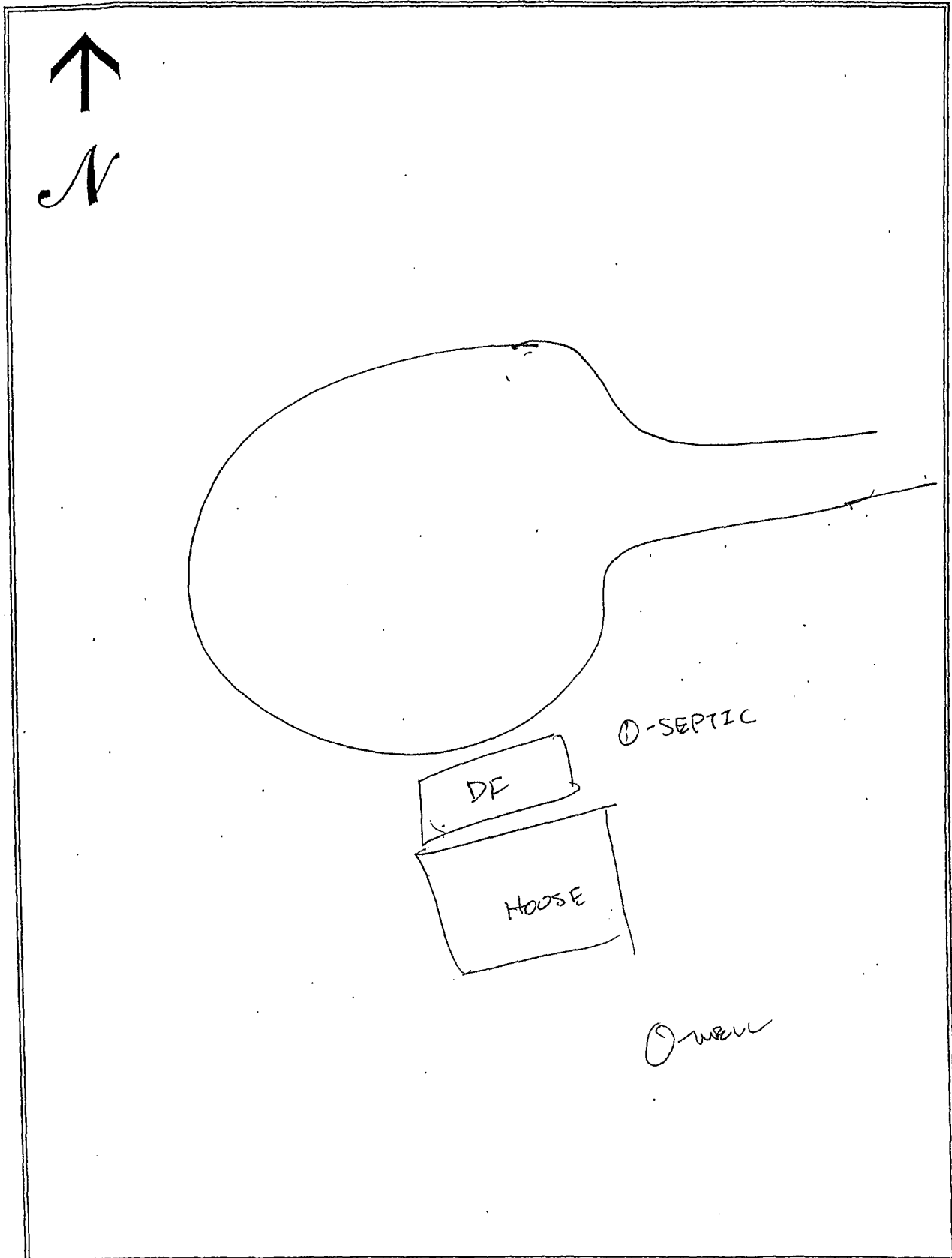
SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:



LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

5/28/02

SAMPLE / MAP #

244

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: CROWELL PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 1506 Loop RD

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? \_\_\_\_\_
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWNSLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

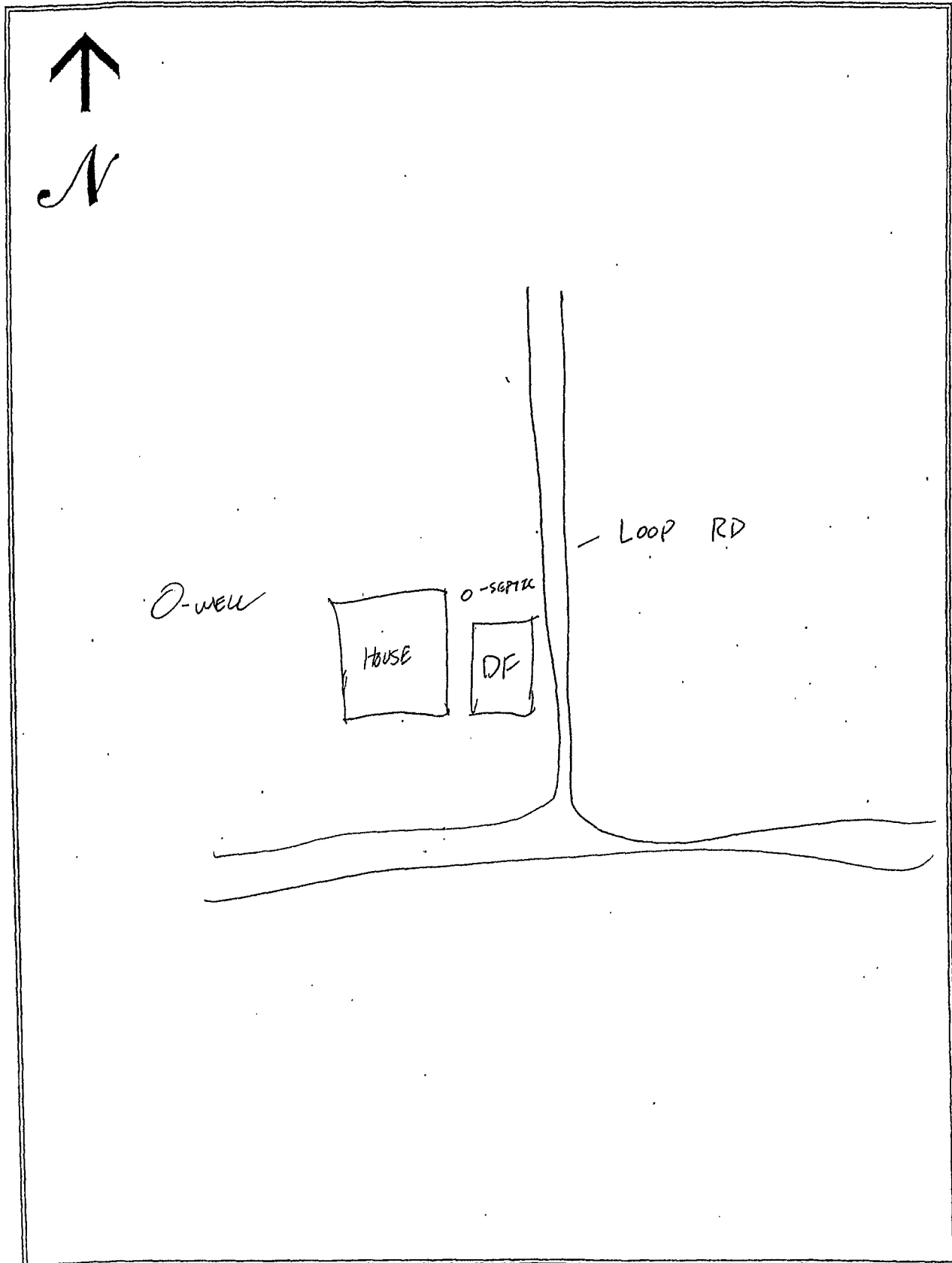
SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

# LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

265

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_-\_\_\_\_.  
Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: DAVID SHREWOOD PHONE: (\_\_\_\_) \_\_\_\_-\_\_\_\_  
ADDRESS: 803 FRANKLIN DR.

1. How many people live in your house? 2 SEASONAL / ALL YEAR?
2. How large is your lot? .78 acres
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO \_\_\_\_\_
5. How far is the well or spring from the drain field 300 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? good except for Nitrates
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

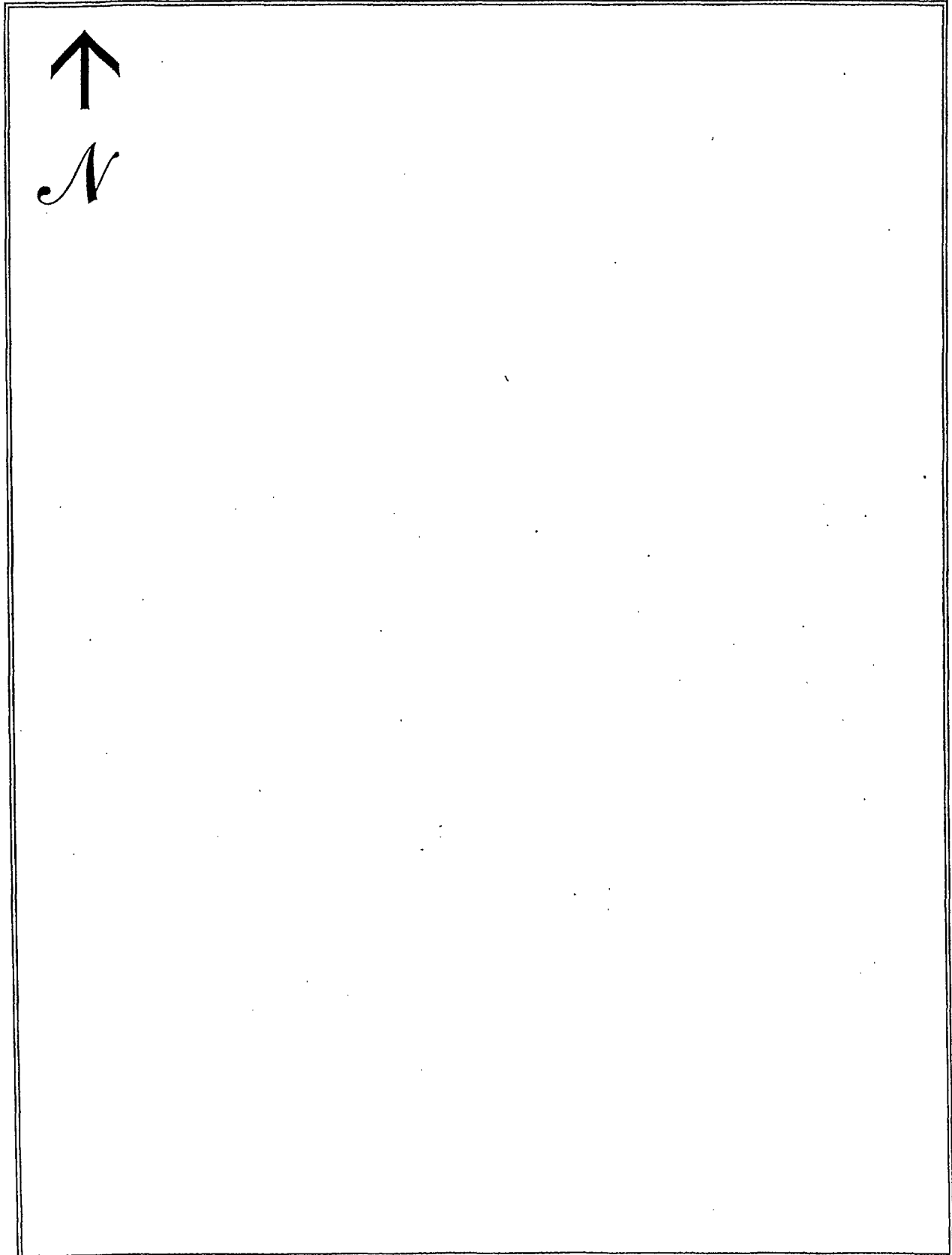
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
<u>CESSPOOL</u>	<u>INGROUND TRENCH</u>	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
<u>CESSPOOL</u>	<u>INGROUND TRENCH</u>	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 18 yrs Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

<u>GREEN LUSH GRASS</u>	<u>WETNESS OR SPONGY AREAS</u>
<u>ODORS</u>	<u>WATER PONDING OR SURFACING</u>
<u>SLUGGISH DRAINS</u>	<u>WASTEWATER BACKING INTO THE HOME</u>
<u>SYSTEM OVERFLOW</u>	OTHER _____
11. Was your system every pumped out? YES or NO How often? 5 yrs Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of? 2:30
14. COMMENTS:

LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include:* tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

266

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_-\_\_\_\_.  
Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Harry Mathew PHONE: (\_\_\_\_) \_\_\_\_-\_\_\_\_  
ADDRESS: 844 Franklin Dr

1. How many people live in your house? 6 SEASONAL / ALL YEAR?
2. How large is your lot? .75 acres
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field 200 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

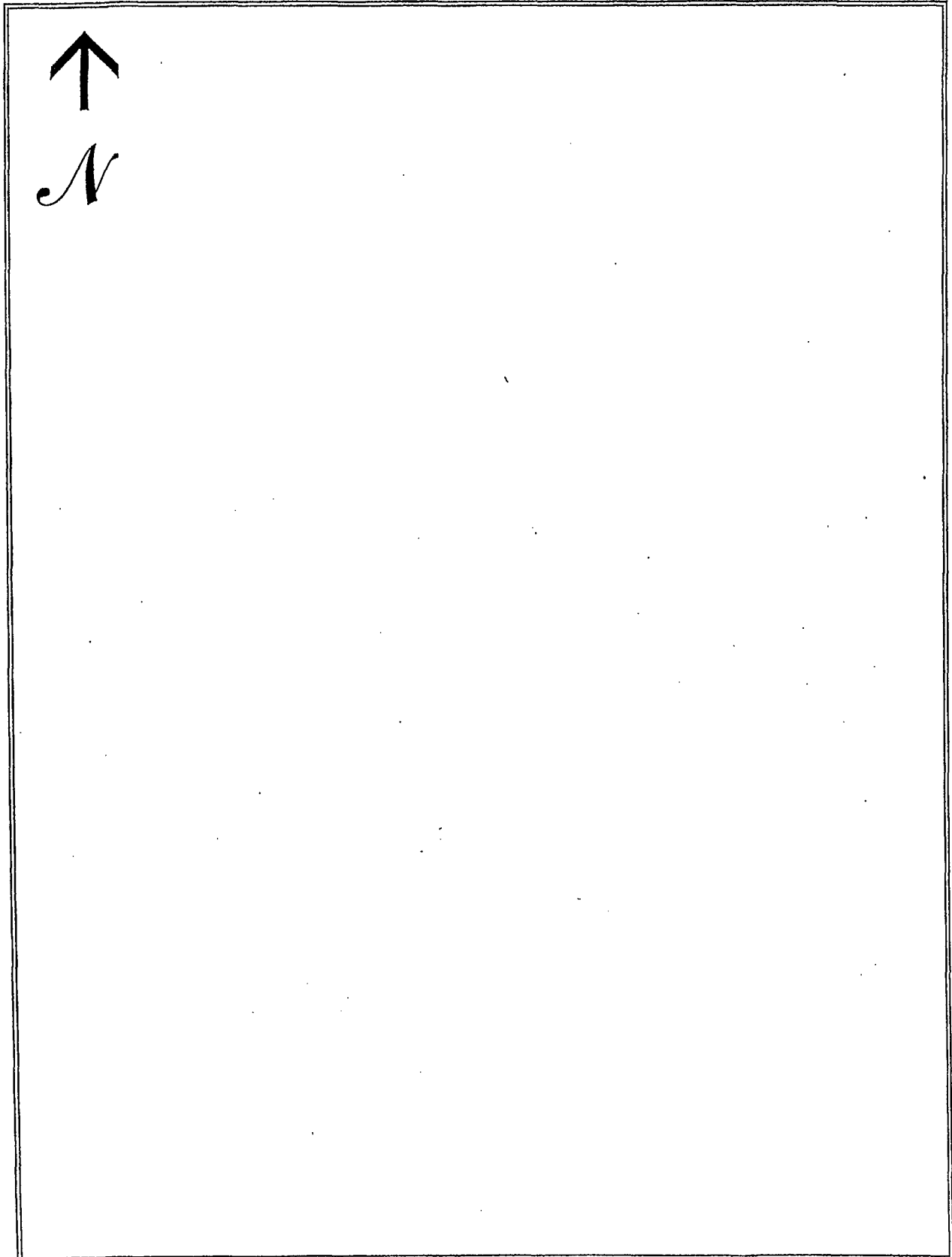
<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	<u>ELEVATED SAND MOUND</u>	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 17 yrs Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

<u>GREEN LUSH GRASS</u>	<u>WETNESS OR SPONGY AREAS</u>
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? Once Year Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS: 2:56

LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include:*      *tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

267

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Audrey Johnson PHONE: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_

ADDRESS: 720 Ashby tree Rd.

1. How many people live in your house? 2 SEASONAL / ALL YEAR
2. How large is your lot? 3.00 acres
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? to filter ~~to filter~~  
If you have a well: Is it DUG or DRILLED? How Deep? 135 ft. Cased? YES or NO  
5. How far is the well or spring from the drain field 250 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? good
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	<u>INGROUND TRENCH</u>	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

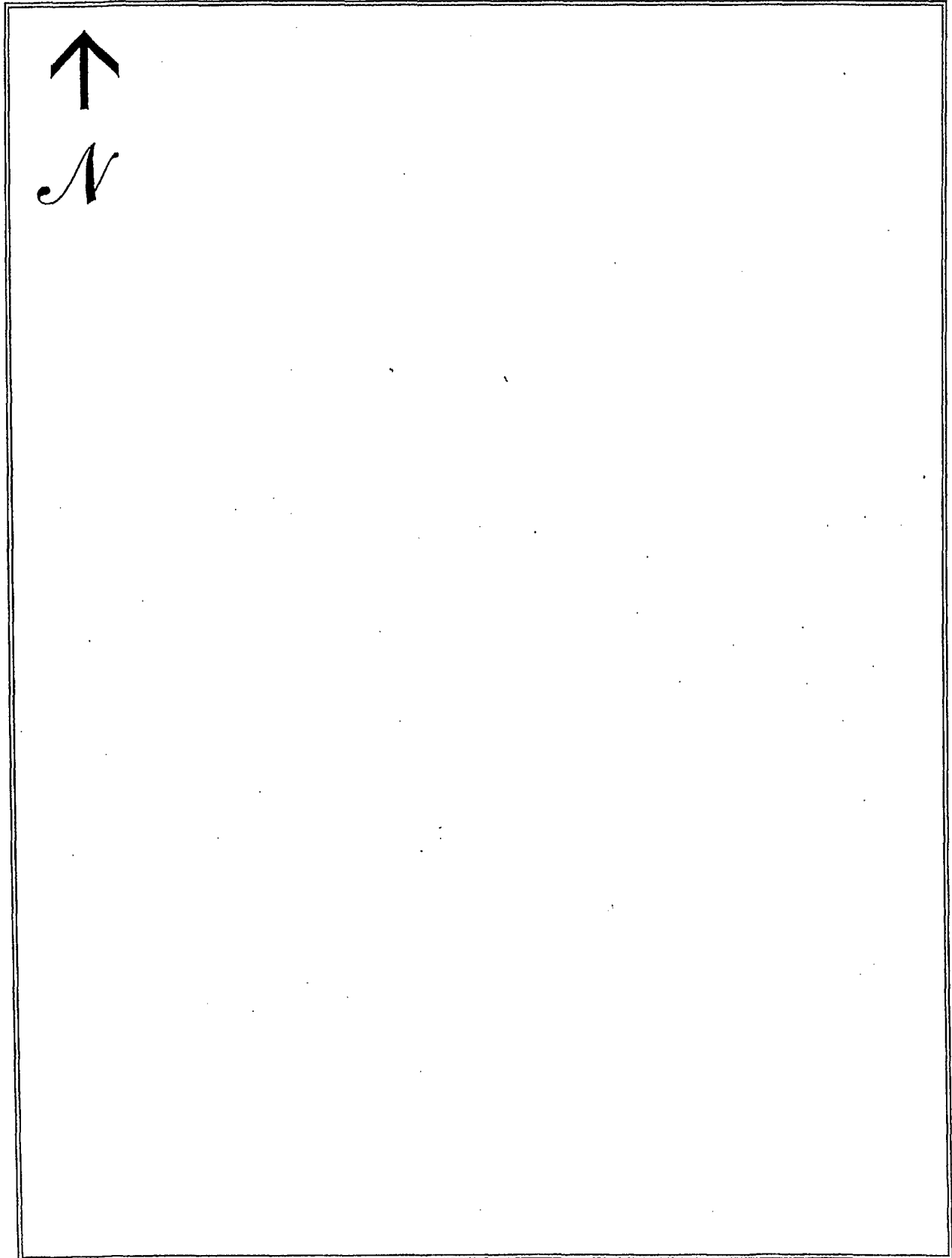
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 10 yrs Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:



LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

5/29/02

SAMPLE / MAP #  
268

\_\_\_\_\_ (Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_\_/\_\_\_\_/\_\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_-\_\_\_\_.  
Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: David Comp PHONE: (\_\_\_\_) \_\_\_\_-\_\_\_\_  
ADDRESS: 2981 Newport Rd.

1. How many people live in your house? 6 SEASONAL / ALL YEAR?
2. How large is your lot? 1 acre
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? ~325 ft. Cased? YES or NO  
5. How far is the well or spring from the drain field >100 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

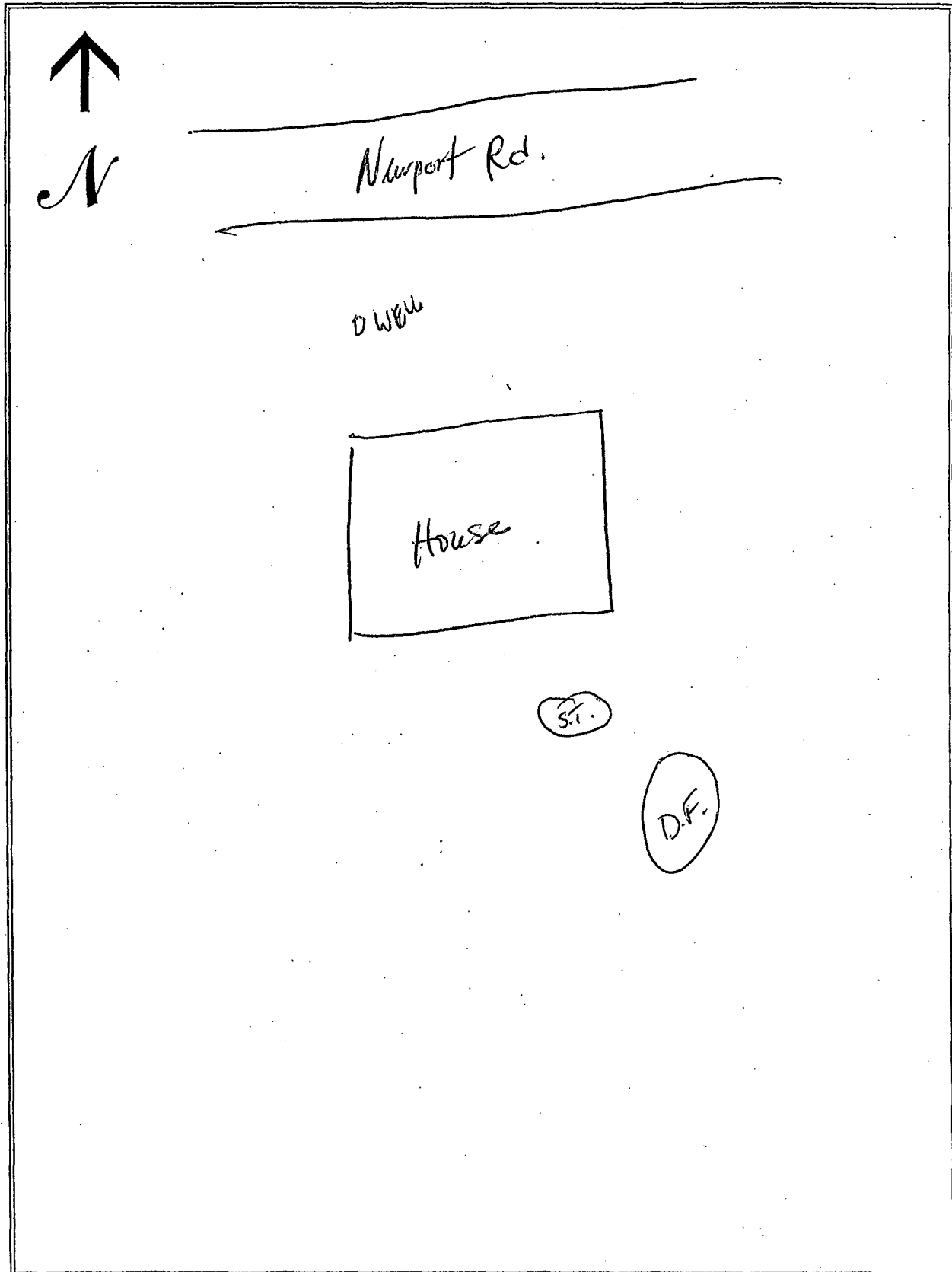
<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? ~5 yrs. Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

<u>GREEN LUSH GRASS</u>	WETNESS OR SPONGY AREAS
<u>ODORS</u> - <u>sometimes</u>	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? every 2 yrs. Last time? ~1 yr ago.  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED  
(Electrical connection corrodes)
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY 5/29/02

SAMPLE / MAP #  
269

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_-\_\_\_\_.  
Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Peter Coleman PHONE: (\_\_\_\_) \_\_\_\_-\_\_\_\_  
ADDRESS: 1741 Lebanon Rd.

1. How many people live in your house? 3 SEASONAL / ALL YEAR?
2. How large is your lot? < 1 acre
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? UV  
If you have a well: Is it DUG or DRILLED? How Deep? 35 ft. Cased? YES or NO Drilled - new well  
If you have a well: Is it DUG or DRILLED? How Deep? 35 ft. Cased? YES or NO Drilled - new well
5. How far is the well or spring from the drain field ~100 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? from drilled well  
What were the results? OK.
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

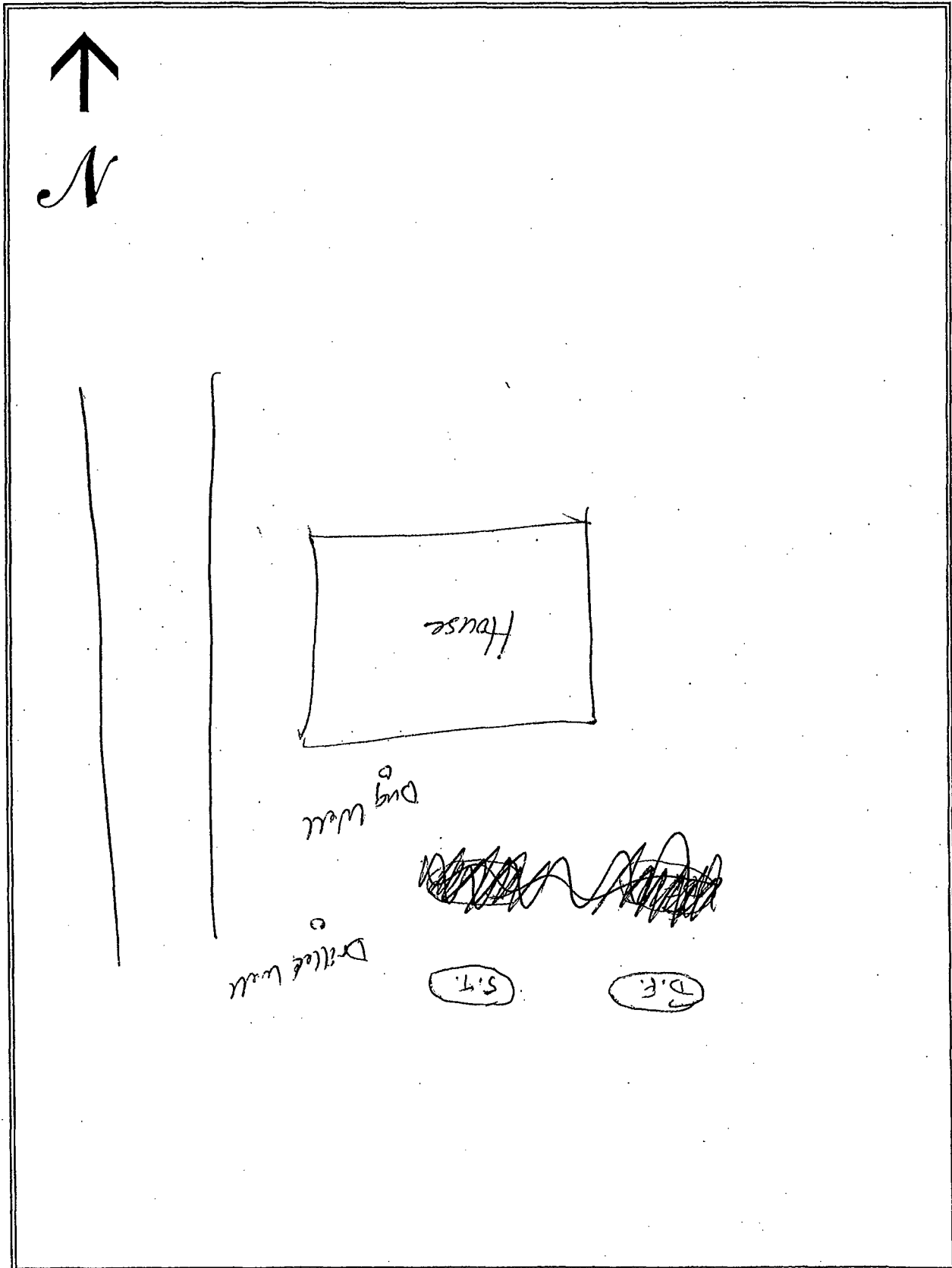
<u>SEPTIC TANK</u> - 3 tanks pressure system	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? ~5-6 yrs. Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? 1999  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

# LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

5/29/02

SAMPLE / MAP #  
270

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_-\_\_\_\_.  
Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Ed Kiser PHONE: (\_\_\_\_) \_\_\_\_-\_\_\_\_  
ADDRESS: 658 Green Ridge Drive

1. How many people live in your house? 2 SEASONAL / ALL YEAR?
2. How large is your lot? 0.75 acres
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? 211 ft. Cased? YES or NO Well: within 50' of surface pump @ 120 ft
5. How far is the well or spring from the drain field ~40 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

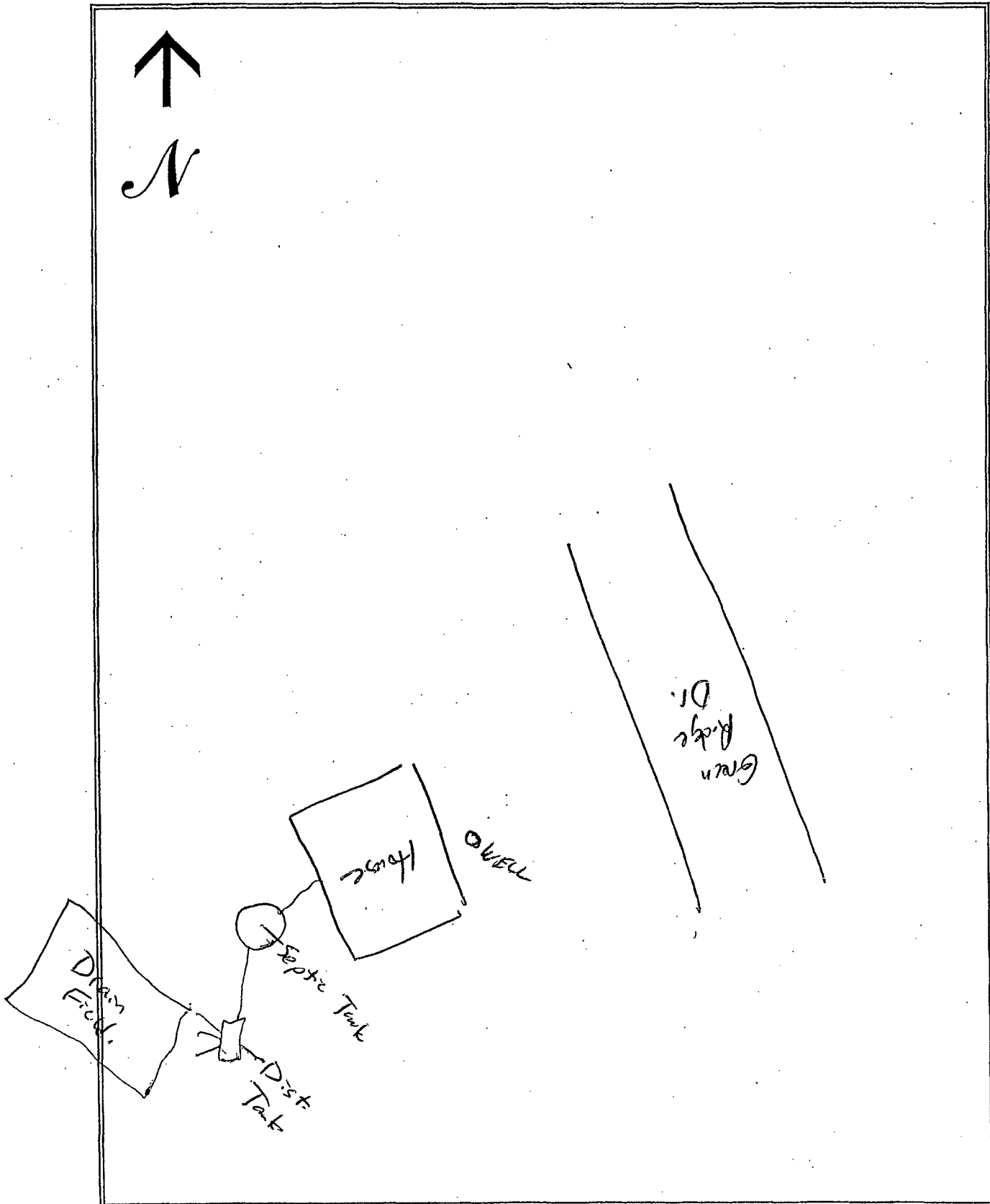
<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
<u>CESSPOOL</u>	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
<u>CESSPOOL</u>	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? ~30 yrs Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system? 1,000 gal tank New pump/hoses/ electric

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
<u>SLUGGISH DRAINS</u> <u>toilets sluggish due to calcium</u>	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? 1-2 yrs. Last time? Scheduled for pump out  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED 1 or 2 pipes.
13. Are there any other sewage problems you are aware of?
14. COMMENTS: SOLIDS - Buildup

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

1/1/

271

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_-\_\_\_\_.  
Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Cathy Scheid PHONE: (\_\_\_\_) \_\_\_\_-\_\_\_\_  
ADDRESS: 1073 Mountain Rd

1. How many people live in your house? 6 SEASONAL / ALL YEAR
2. How large is your lot? 1.75 acres
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep?        ft. Cased? YES or NO
5. How far is the well or spring from the drain field 200 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? good
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

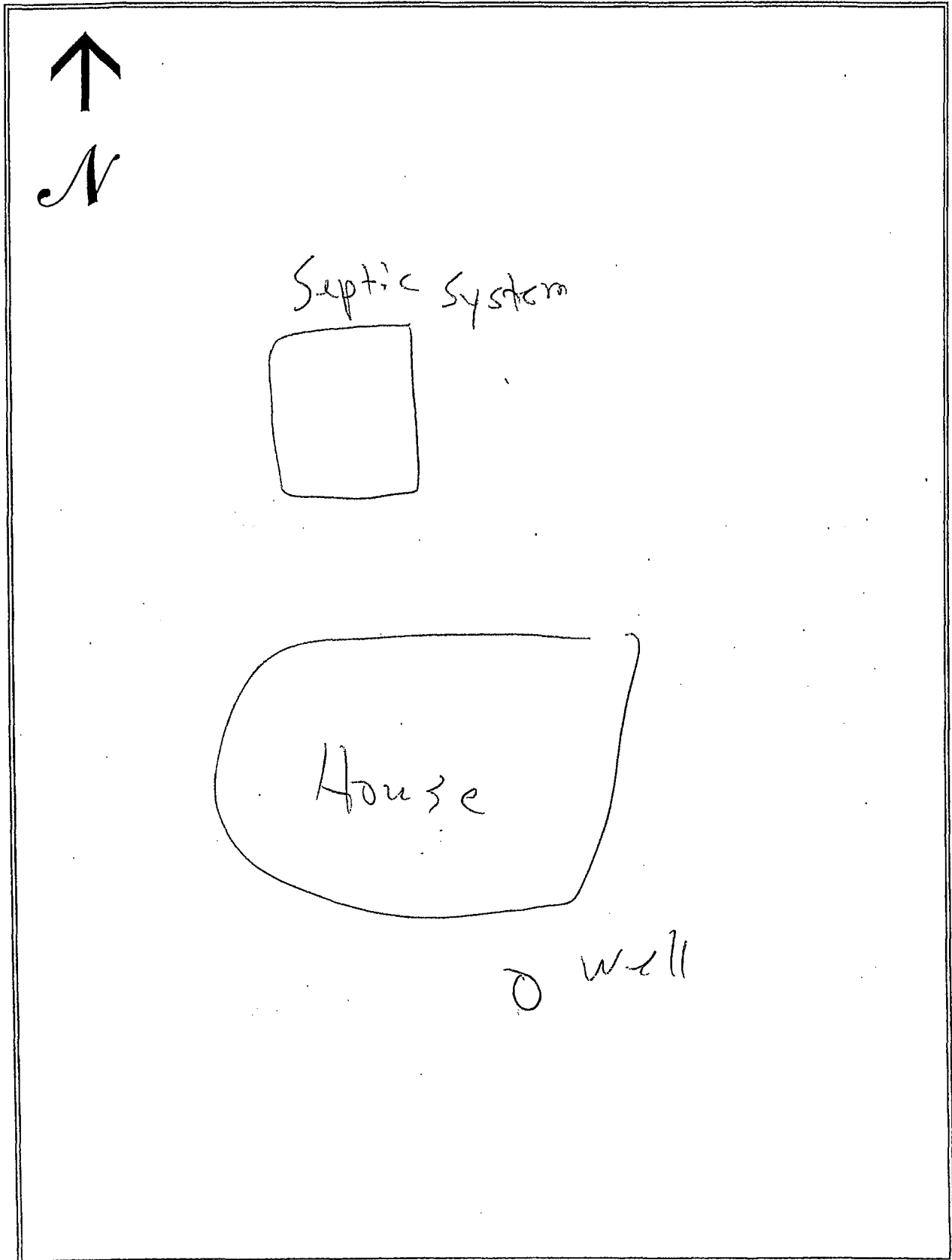
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 22 yrs Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? 2 yrs Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS: \_\_\_\_\_



LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

5/29/02

SAMPLE / MAP #

272

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Carmen West PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 2076 Army Hill Rd

- How many people live in your house? 6 SEASONAL / ALL YEAR?
- How large is your lot? \_\_\_\_\_
- Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
- What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? Softener  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO  
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
- What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

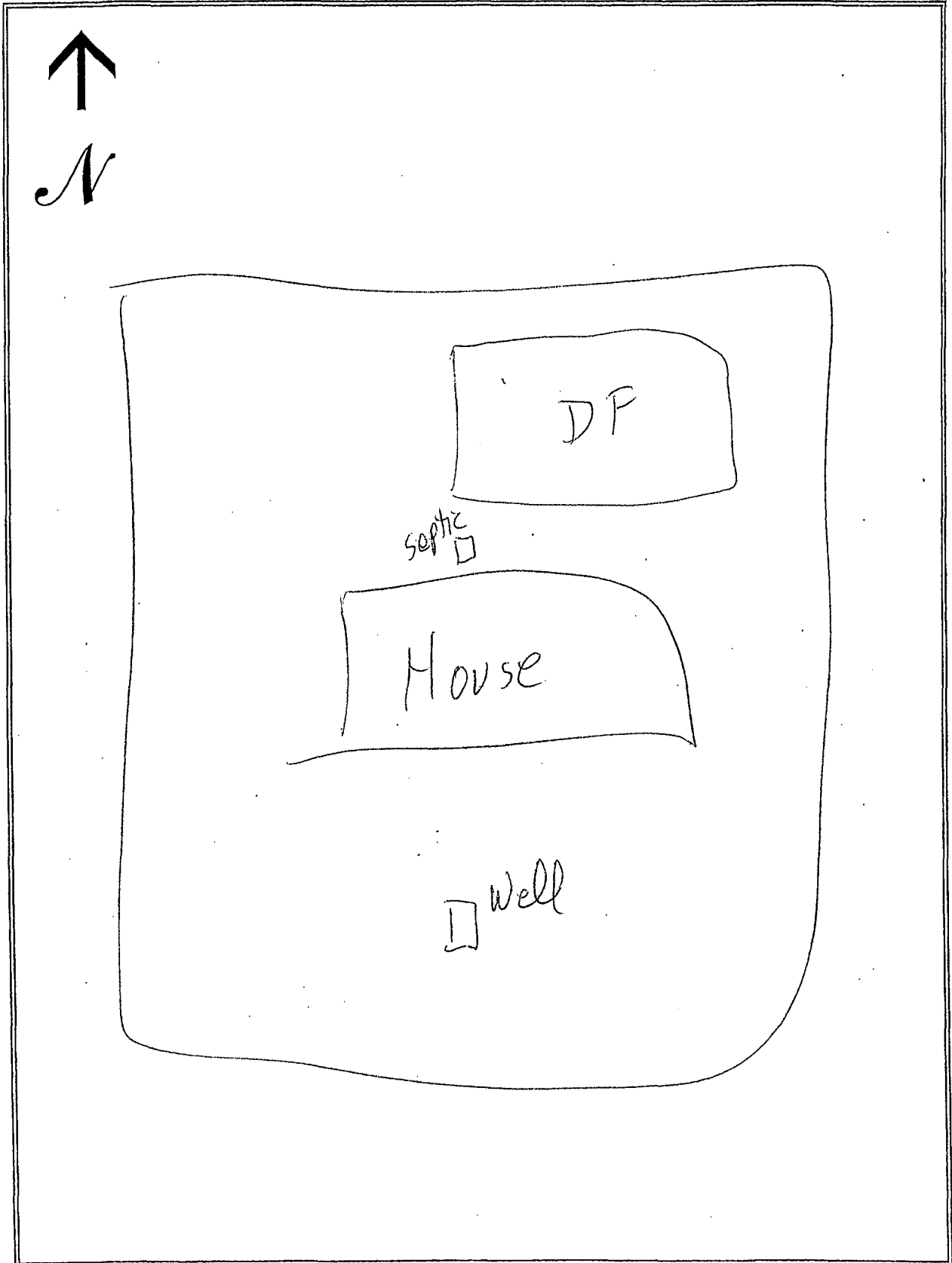
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
- Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
- How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
- Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
- Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? 6-7 months  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
- Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
- Are there any other sewage problems you are aware of?
- COMMENTS:

LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

5/29/02

SAMPLE / MAP #

273

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by      /      /      to the municipal office at:

If you have any questions please contact                      at (      )      -      .

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Keith Shenk PHONE: (      )      -     

ADDRESS: 2320 Mountain Rd.

1. How many people live in your house? 5 SEASONAL / ALL YEAR?
2. How large is your lot? 3/4 Acre
3. Do you have more than one sewage system on your lot? YES or (NO)  
If yes, explain:
4. What kind of water system do you have? (WELL) SPRING? PUBLIC? OTHER?                       
Do you treat your water? (YES) OR NO If yes, how? Softener  
If you have a well: Is it DUG or DRILLED? How Deep?                      ft. Cased? YES or NO
5. How far is the well or spring from the drain field                      ft. Is well UP/DOWN SLOPE                       
Have you every had your water tested? (YES) or NO When? 7-8 yrs  
What were the results?
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

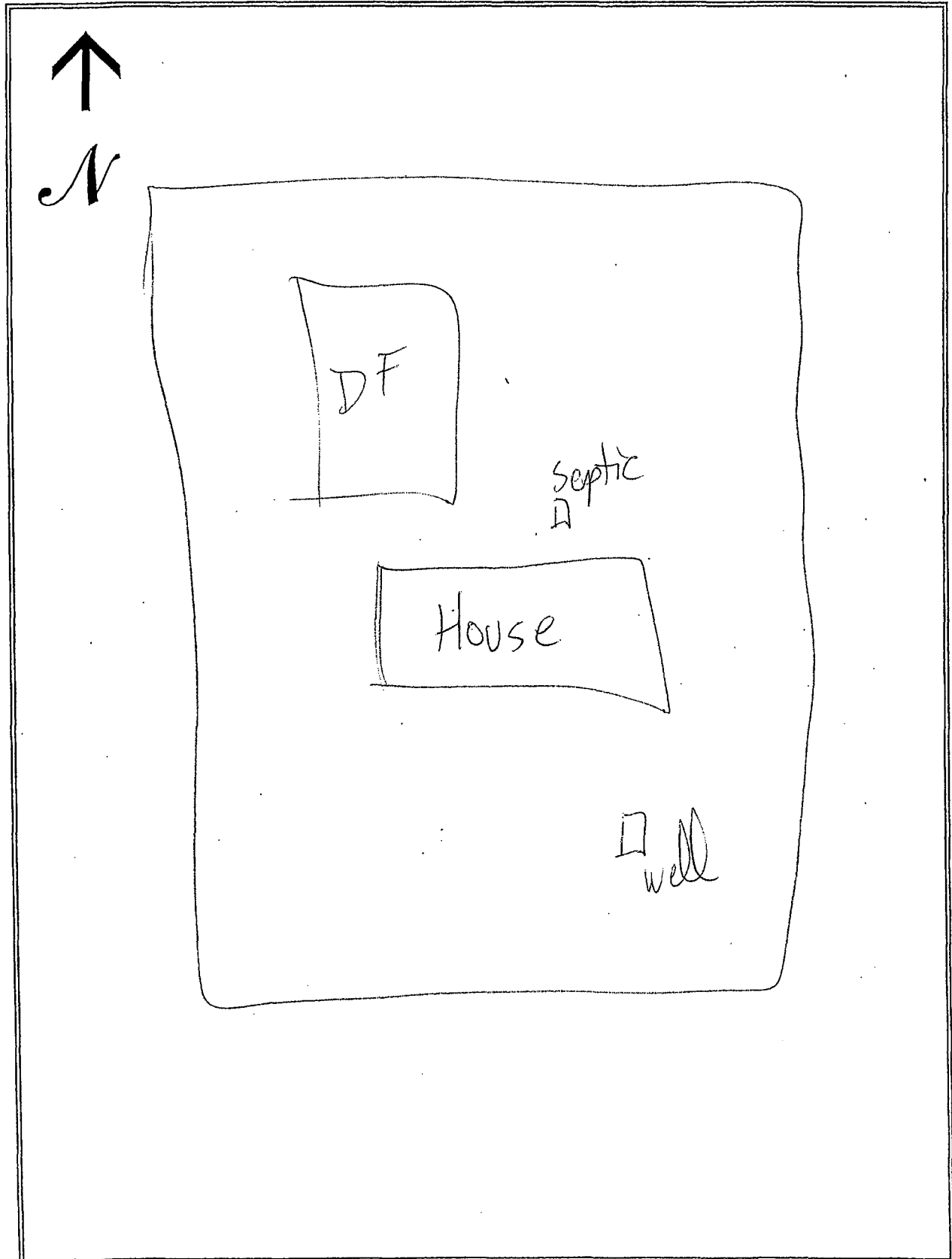
<u>(SEPTIC TANK)</u>	<u>(INGROUND BED)</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER <u>                    </u>	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>(SEPTIC TANK)</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER <u>                    </u>	
9. How old is your system?                      Was it permitted? Y / N When?
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER <u>                    </u>
11. Was your system every pumped out? (YES) or NO How often?                      Last time? 2 wks  
If it was pumped, was it inspected for cracks or broken baffles?
12. Was your system ever repaired? YES or (NO) When?                      By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

5129102

SAMPLE / MAP #

274

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_-\_\_\_\_.  
Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Scott Rice PHONE: (\_\_\_\_) \_\_\_\_-\_\_\_\_  
ADDRESS: 2232 Mountain Rd

1. How many people live in your house? 5 SEASONAL / ALL YEAR?
2. How large is your lot? 3/4 Acre
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO  
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

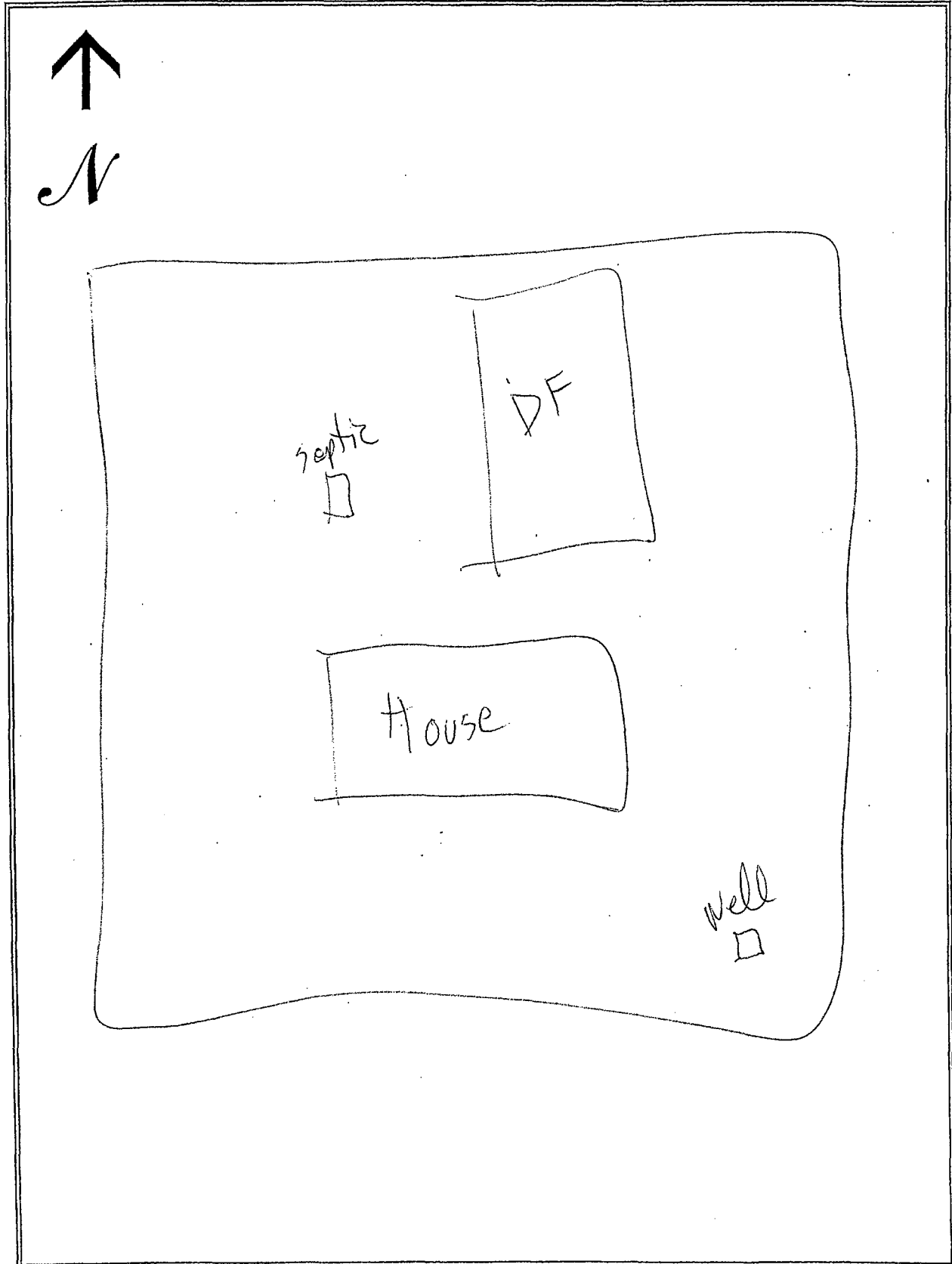
<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 7 yrs Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? 2 yrs  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

# LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

5/29/02

SAMPLE / MAP #

275

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Jerre Habecker PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 2156 Mountain Rd

1. How many people live in your house? 1 SEASONAL / ALL YEAR?
2. How large is your lot? 1 1/4 Acre
3. Do you have more than one sewage system on your lot? YES or (NO)  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? (WELL?) SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR (NO) If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or (DRILLED?) How Deep? \_\_\_\_\_ ft. Cased? YES or NO  
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or (NO) When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

<u>(SEPTIC TANK)</u>	<u>(INGROUND BED)</u>	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

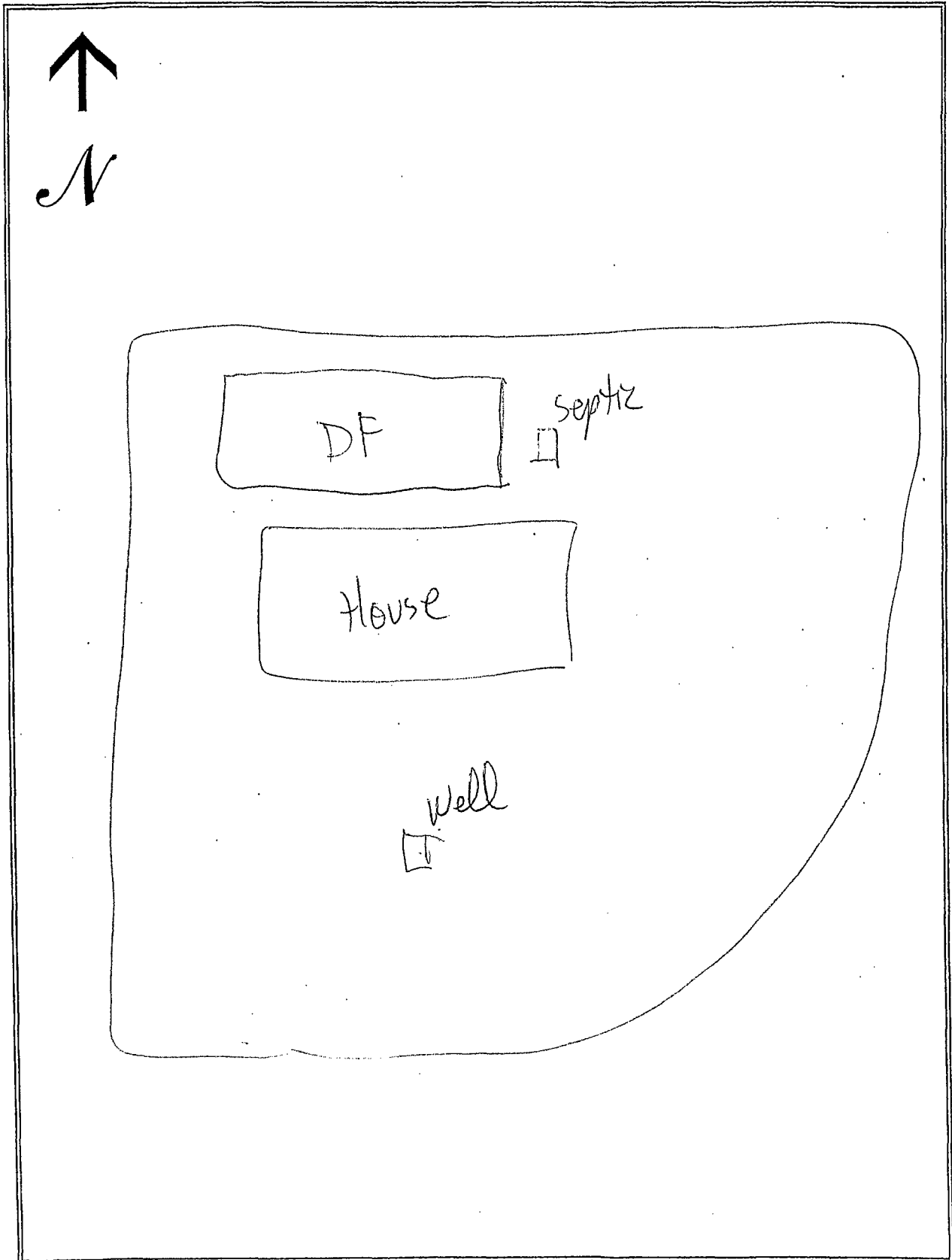
<u>(SEPTIC TANK)</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 25 yrs Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? (YES) or NO How often? 1 yr Last time? 1 yr  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or (NO) When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:



LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

5/29/02

SAMPLE / MAP #  
276

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Pam Neal PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 2922 Newport Rd.

1. How many people live in your house? 4 SEASONAL ALL YEAR?
2. How large is your lot? 10 acres
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? ? ft. Cased? YES or NO  
5. How far is the well or spring from the drain field ~150 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

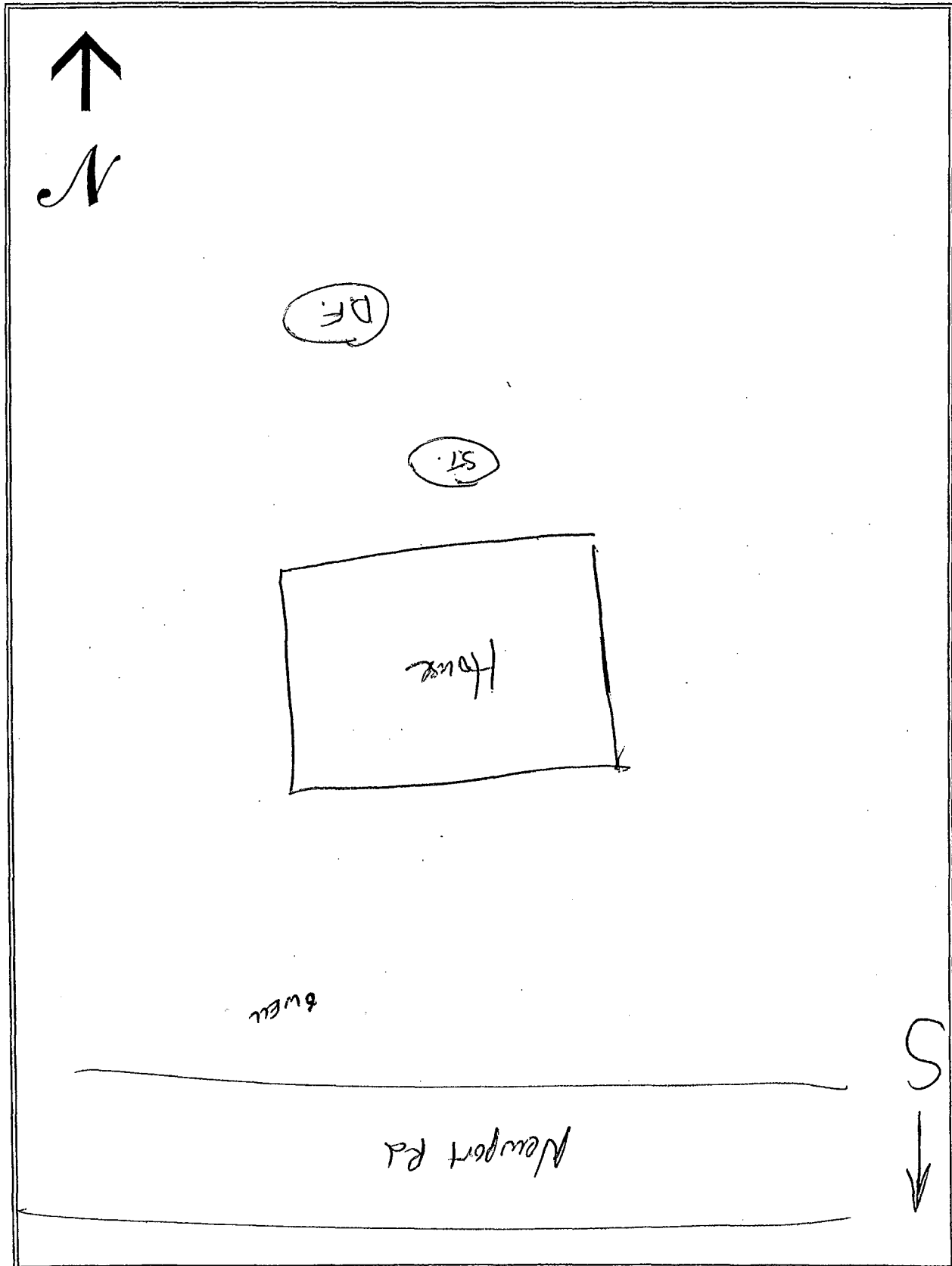
<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
<u>CESSPOOL</u>	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
<u>CESSPOOL</u>	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? ~1.5 yrs Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

## LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY 5/29/02

SAMPLE / MAP #  
277

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_-\_\_\_\_.  
Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: A.J. Roth PHONE: (\_\_\_\_) \_\_\_\_-\_\_\_\_  
ADDRESS: 2948 Newport Rd.

1. How many people live in your house? 4 SEASONAL / ALL YEAR?
2. How large is your lot? 3 acres
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: 2 Tanks
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? ~85 ft. Cased? YES or NO  
5. How far is the well or spring from the drain field <100 ft. Is well UP / DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? ?  
What were the results? OK.
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

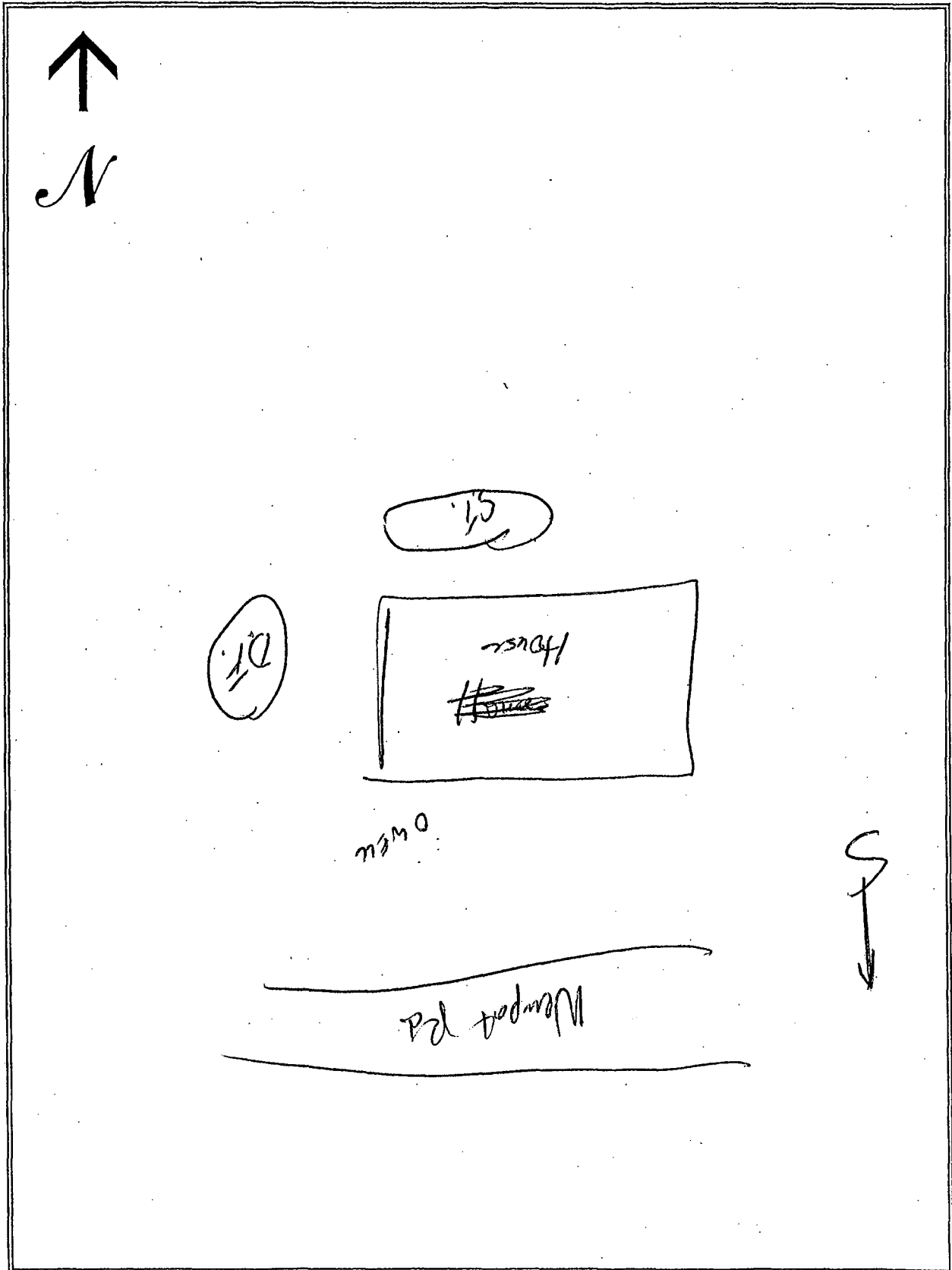
<u>SEPTIC TANK</u> <u>2 Tanks</u>	INGROUND BED	COMMUNITY SEWER
<u>CESSPOOL</u>	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
<u>CESSPOOL</u>	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? ? Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? ? Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? ? By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

# LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

5/29/02

278

PENN (Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by      /      /      to the municipal office at:

If you have any questions please contact                      at (      )      -      .

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Smith PHONE: (      )      -     

ADDRESS: 1990 N. PENRYN RD.

1. How many people live in your house?      SEASONAL / ALL YEAR?
2. How large is your lot?
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain:
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER?       
Do you treat your water? YES OR NO If yes, how?       
If you have a well: Is it DUG or DRILLED? How Deep?      ft. Cased? YES or NO
5. How far is the well or spring from the drain field      ft. Is well UP/DOWN SLOPE       
Have you every had your water tested? YES or NO When? 1999  
What were the results? ↑ NITRATE
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

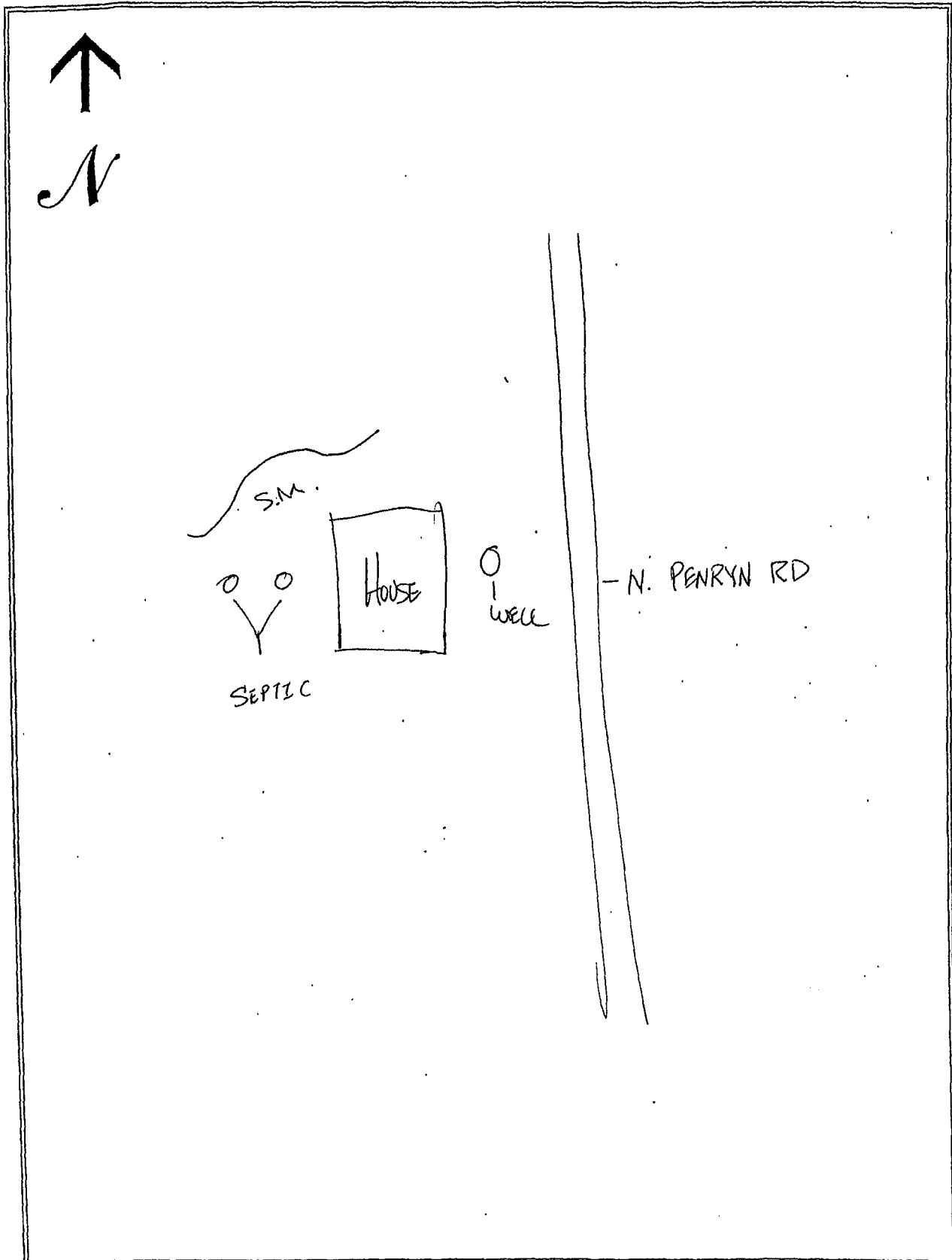
SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER <u>    </u>	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER <u>    </u>	
9. How old is your system?      Was it permitted? Y / N When?
10. Have you every noticed any of the following near your septic system?
 

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER <u>    </u>
11. Was your system every pumped out? YES or NO How often?      Last time?       
If it was pumped, was it inspected for cracks or broken baffles?
12. Was your system ever repaired? YES or NO When?      By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

279

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Tony Lazer PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 2056 Mountain Rd

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? \_\_\_\_\_
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

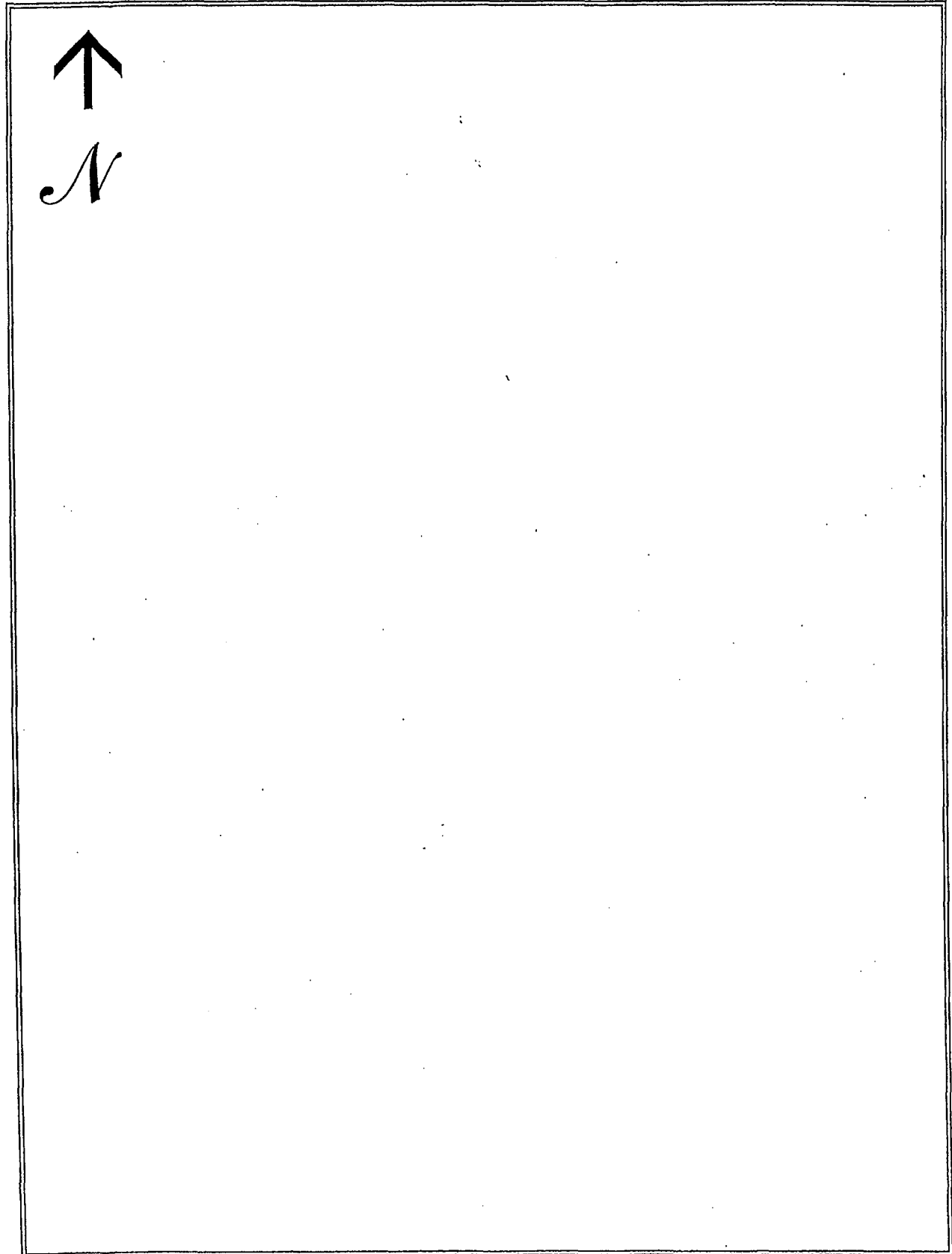
GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS: \_\_\_\_\_

1:20



LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*

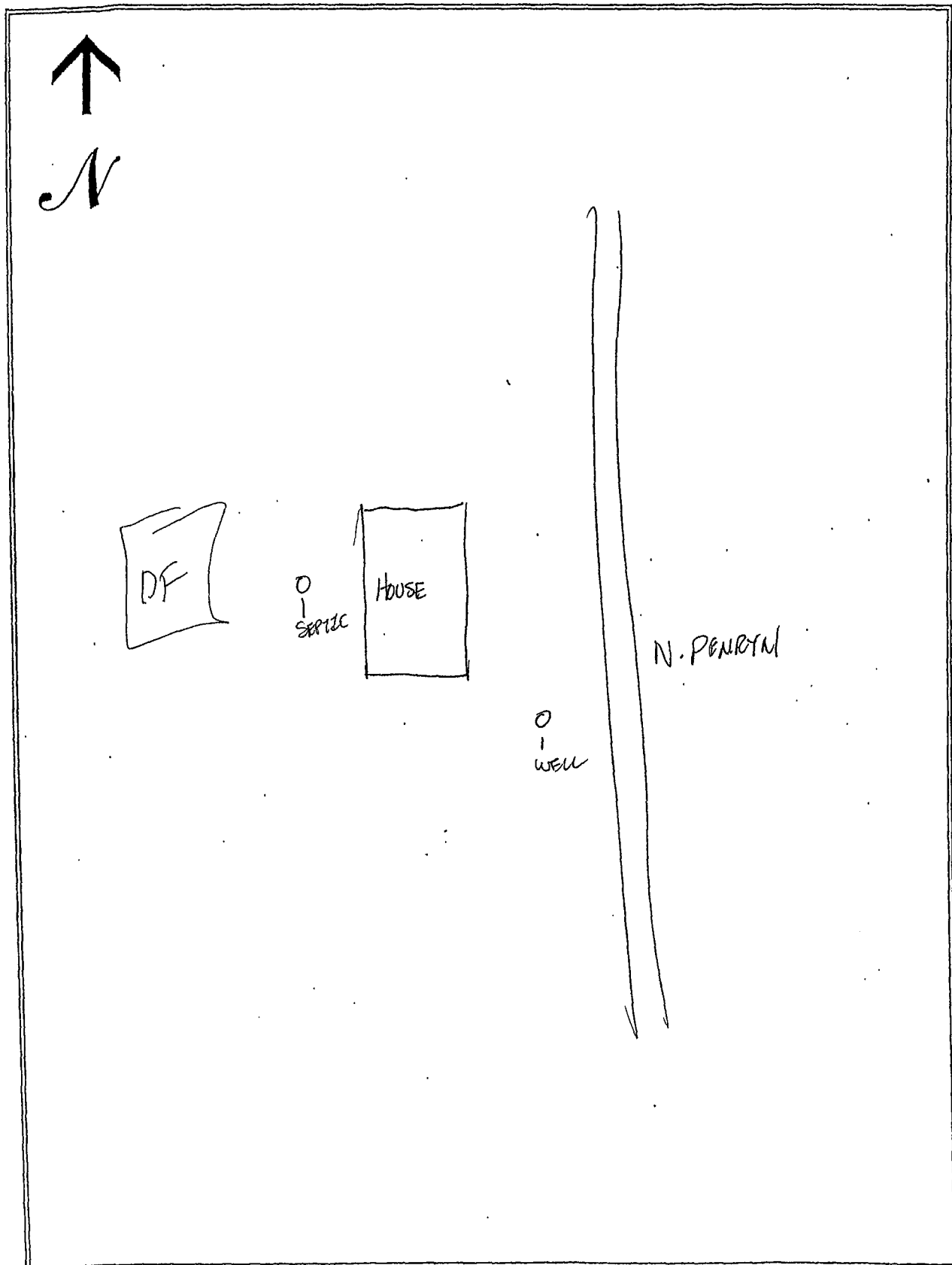


## 230

14. COMMENTS:

# LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

281

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_-\_\_\_\_.  
Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: James Mattern PHONE: (\_\_\_\_) \_\_\_\_-\_\_\_\_  
ADDRESS: 2310 Mountain Rd

1. How many people live in your house? 4 SEASONAL / ALL YEAR?
2. How large is your lot? .75 acres
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? filter  
If you have a well: Is it DUG or DRILLED? How Deep? 150 ft. Cased? YES or NO  
5. How far is the well or spring from the drain field 200 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

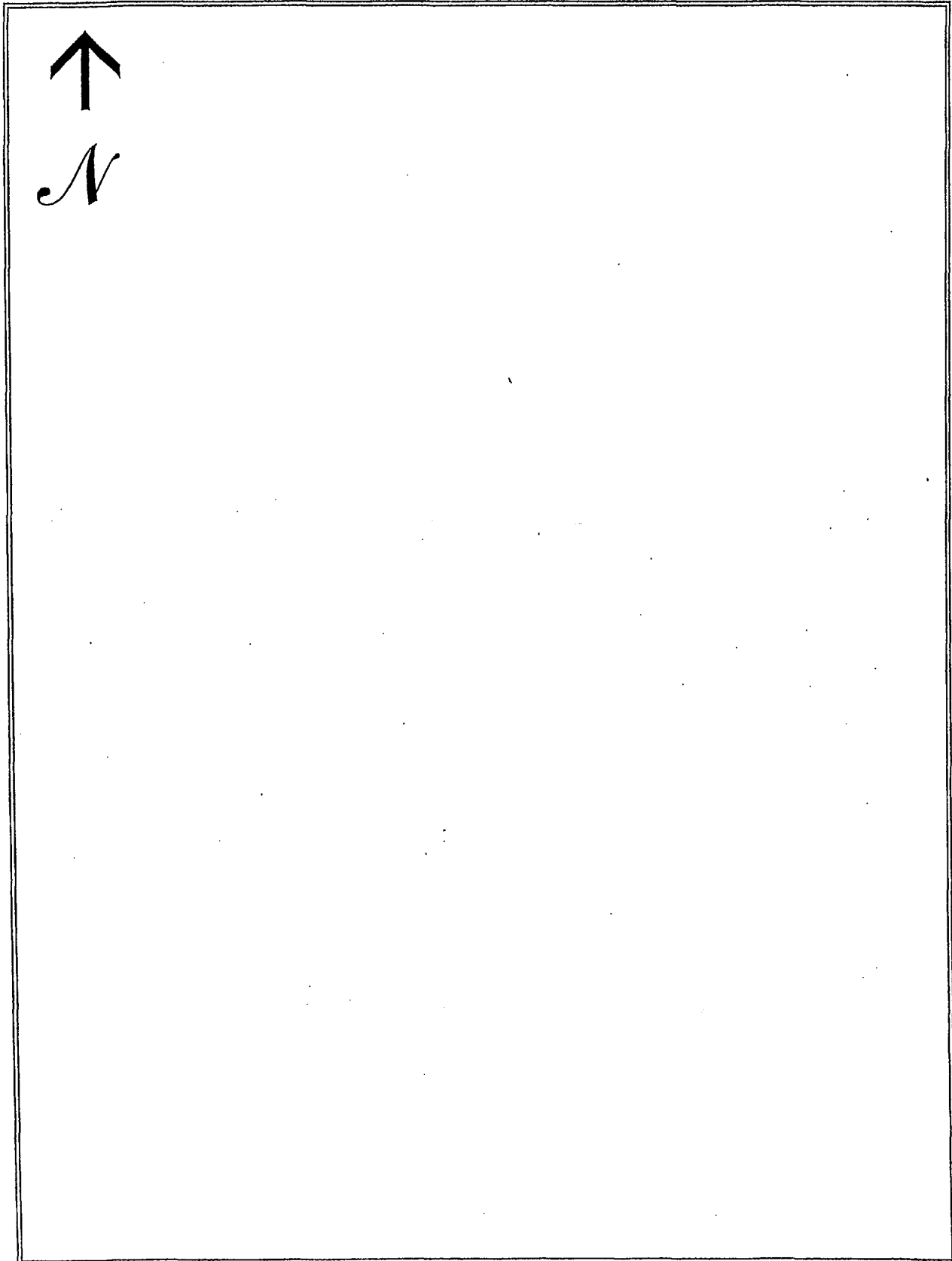
<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	<u>ELEVATED SAND MOUND</u>	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? 5 yrs Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? 2 yrs Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? Sand mound By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #

284

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Daryl Lefever PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: 37 Sego Sago Road

- How many people live in your house? 4 SEASONAL / ALL YEAR
- How large is your lot? .75 acres
- Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
- What kind of water system do you have? WELL SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? Softener  
If you have a well: Is it DUG or DRILLED? How Deep? 283 ft. Cased? YES or NO  
5. How far is the well or spring from the drain field 300 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? good
- What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

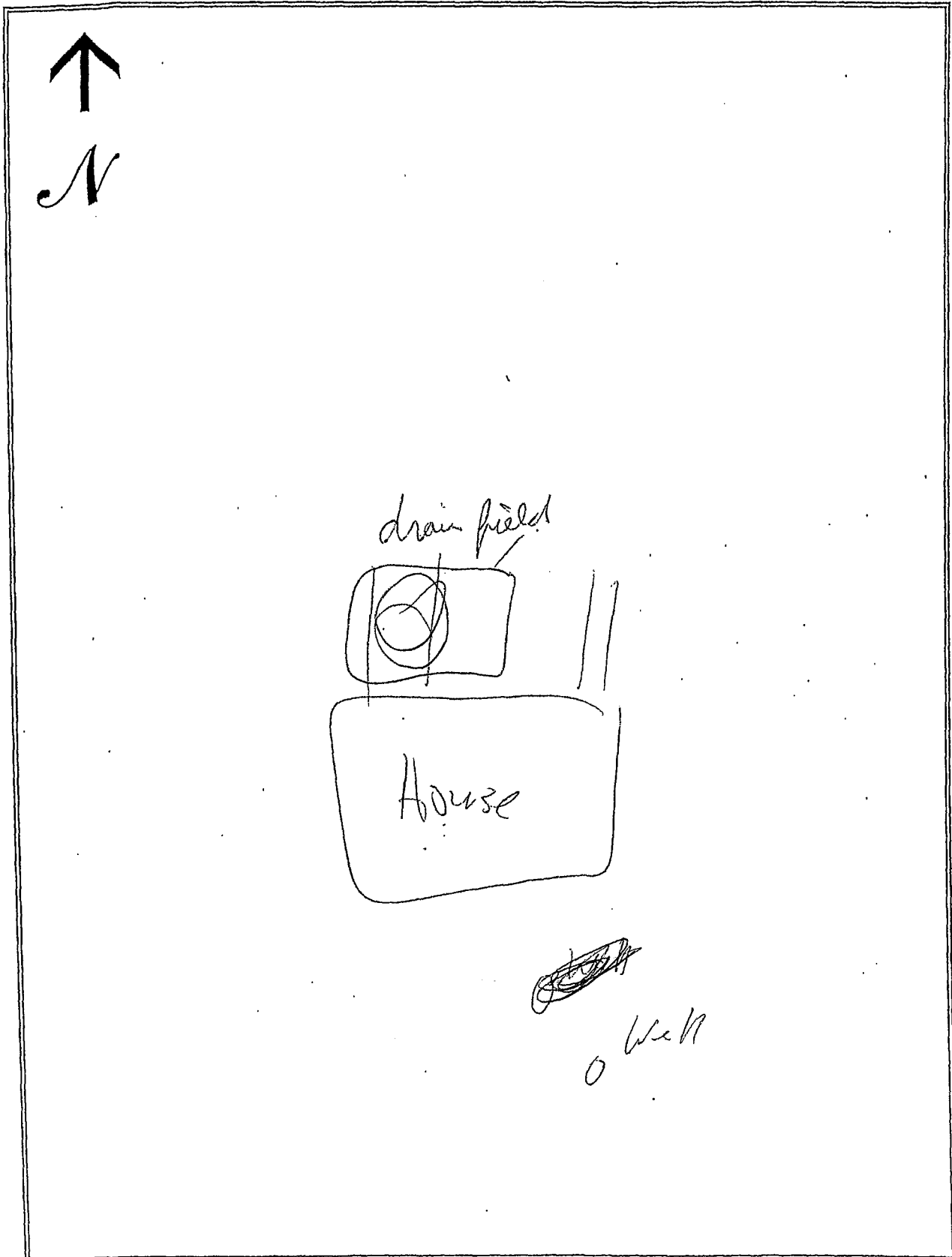
<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
<u>CESSPOOL</u>	<u>INGROUND TRENCH</u>	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
<u>HOLDING TANK</u>	<u>SEEPAGE PIT</u>	<u>PIPE TO STEAM</u>
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
- Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	<u>INGROUND BED</u>	COMMUNITY SEWER
<u>CESSPOOL</u>	<u>INGROUND TRENCH</u>	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
<u>HOLDING TANK</u>	<u>SEEPAGE PIT</u>	<u>PIPE TO STEAM</u>
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
- How old is your system? 16 yrs Was it permitted? Y / N When? \_\_\_\_\_
- Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	<u>WETNESS OR SPONGY AREAS</u>
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
- Was your system every pumped out? YES or NO How often? 2 yrs Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
- Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
- Are there any other sewage problems you are aware of?
- COMMENTS:

LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #  
286

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_-\_\_\_\_.  
Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Lisa Rohde PHONE: (\_\_\_\_) \_\_\_\_-\_\_\_\_  
ADDRESS: 827 Fruitville Pk

1. How many people live in your house? \_\_\_\_\_ SEASONAL / ALL YEAR?
2. How large is your lot? \_\_\_\_\_
3. Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
4. What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? \_\_\_\_\_  
If you have a well: Is it DUG or DRILLED? How Deep? \_\_\_\_\_ ft. Cased? YES or NO
5. How far is the well or spring from the drain field \_\_\_\_\_ ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? \_\_\_\_\_
7. What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)
 

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
8. Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)
 

SEPTIC TANK	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
9. How old is your system? \_\_\_\_\_ Was it permitted? Y / N When? \_\_\_\_\_
10. Have you every noticed any of the following near your septic system?
 

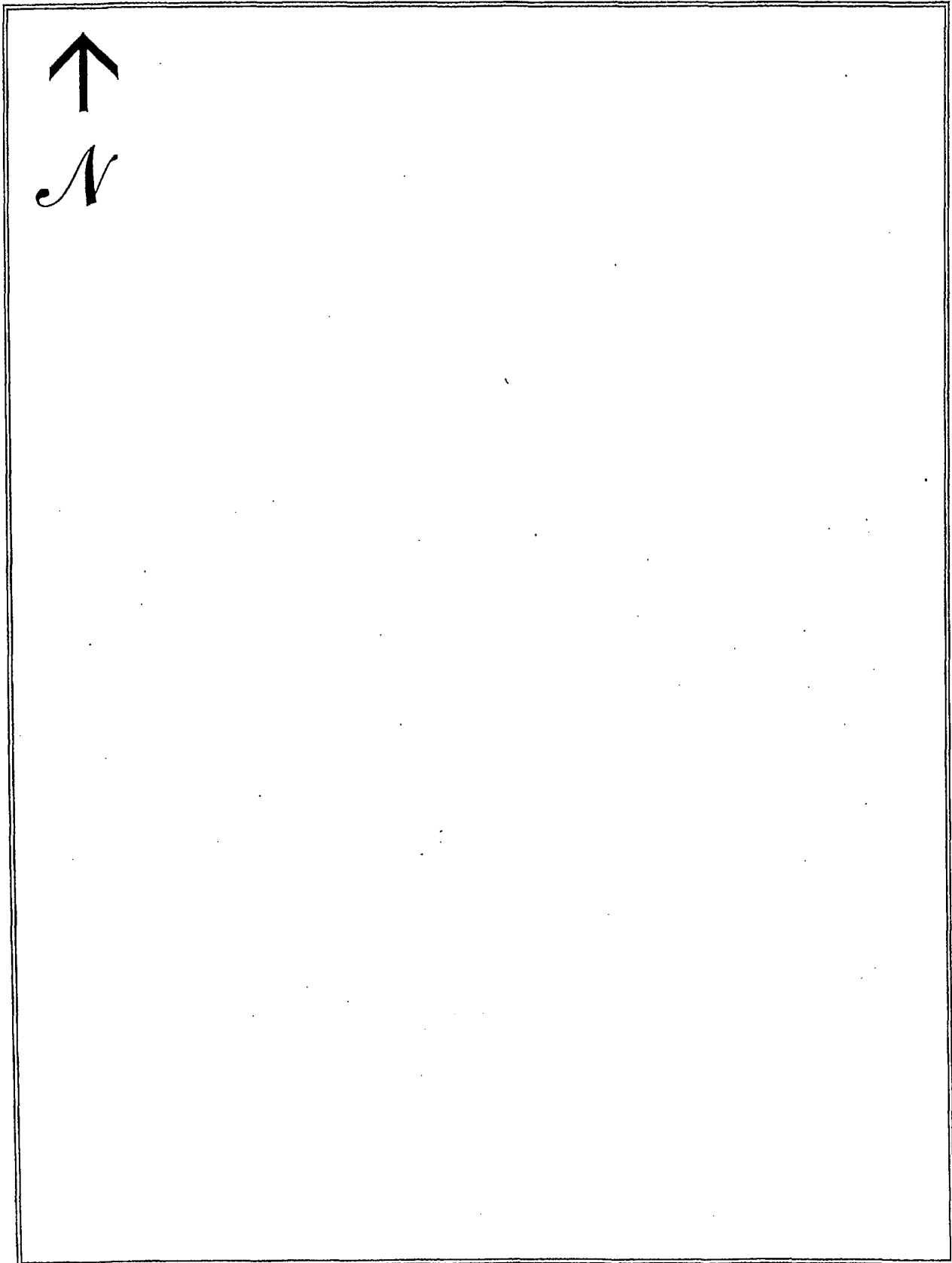
GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
11. Was your system every pumped out? YES or NO How often? \_\_\_\_\_ Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
12. Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
13. Are there any other sewage problems you are aware of?
14. COMMENTS:

235



LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include:*      *tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*



# SEWAGE NEEDS MAIL SURVEY

SAMPLE / MAP #  
287

(Boro./Twp.) is conducting a survey to determine what sewage problems may exist in this area. The survey results will be used to determine if sewage problems exist, and the best and most economical way of correcting the problems. Please help us locate and circle your property on the accompanying map. Please complete the form to the best of your ability and return it by \_\_\_/\_\_\_/\_\_\_ to the municipal office at:

If you have any questions please contact \_\_\_\_\_ at (\_\_\_\_) \_\_\_\_\_.

Please note: this survey may be followed by a partial or whole door to door survey.

(CIRCLE OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Tom Dennes PHONE: (\_\_\_\_) 627-2677

ADDRESS: 10 Sun Valley Drive  
Lititz

- How many people live in your house? 4 SEASONAL / ALL YEAR?
- How large is your lot? .75 acre
- Do you have more than one sewage system on your lot? YES or NO  
If yes, explain: \_\_\_\_\_
- What kind of water system do you have? WELL? SPRING? PUBLIC? OTHER? \_\_\_\_\_  
Do you treat your water? YES OR NO If yes, how? Softener + Conditioner w/UV Light  
If you have a well: Is it DUG or DRILLED? How Deep? 22.5 ft. Cased? YES or NO  
5. How far is the well or spring from the drain field 120 ft. Is well UP/DOWN SLOPE \_\_\_\_\_  
Have you every had your water tested? YES or NO When? \_\_\_\_\_  
What were the results? Bacteria A, gfa
- What kind of sewage system of you have? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	<u>INGROUND TRENCH</u>	STORM SEWER
OLD WELL	<u>ELEVATED SAND MOUND</u>	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
- Where does your laundry and/or sink water go? (CIRCLE ALL THAT APPLY)  

<u>SEPTIC TANK</u>	INGROUND BED	COMMUNITY SEWER
CESSPOOL	INGROUND TRENCH	STORM SEWER
OLD WELL	ELEVATED SAND MOUND	PIPE TO DITCH
HOLDING TANK	SEEPAGE PIT	PIPE TO STEAM
PRIVY	BORE HOLE	PIPE TO SURFACE
PUBLIC SEWER	OTHER _____	
- How old is your system? 14 yrs Was it permitted? Y / N When? \_\_\_\_\_
- Have you every noticed any of the following near your septic system?  

GREEN LUSH GRASS	WETNESS OR SPONGY AREAS
ODORS	WATER PONDING OR SURFACING
SLUGGISH DRAINS	WASTEWATER BACKING INTO THE HOME
SYSTEM OVERFLOW	OTHER _____
- Was your system every pumped out? YES or NO How often? 3 yrs Last time? \_\_\_\_\_  
If it was pumped, was it inspected for cracks or broken baffles? \_\_\_\_\_
- Was your system ever repaired? YES or NO When? \_\_\_\_\_ By permit? YES / NO  
What part was repaired or replaced?  
TANK REPAIRED/REPLACED LINE: REPAIRED/REPLACED DRAIN FIELD: REPAIRED/REPLACED
- Are there any other sewage problems you are aware of?
- COMMENTS: 2150

LOCATION MAP OF ON-LOT SEWAGE DISPOSAL SYSTEM

*Items to Include: tank, drainfield, replacement area, well, any structure, location and approximate distances between landmarks*

