

W A S T E W A T E R F A C I L I T I E S P L A N

**FRANKLIN TOWNSHIP
CHESTER COUNTY**

**OFFICIAL SEWAGE FACILITIES PLAN
SPECIAL STUDY**

KEMBLESVILLE STUDY AREA NEEDS ANALYSIS

Prepared for
Franklin Township
P.O. Box 118
Kemblesville, PA 19347

June 5, 2008
Revised June 17, 2008
Revised August 12, 2008

Prepared by
URS Corporation
1200 Philadelphia Pike
Wilmington, Delaware 19809
302-791-0700

20618680.00001

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I. BACKGROUND

Franklin Township completed a Township-wide Act 537 Base Plan in 2002. This document indicated the existing residences in the Kemblesville study area to be in need of public sewerage facilities due to a prevalence of small lots, older homes, and indication of a high number of on-lot sewage system malfunctions by the Chester County Health Department (CCHD). No additional analysis of conditions in the Kemblesville area was undertaken as part of the 2002 planning effort. Provision of public sewerage facilities was planned in conjunction with a significant development proposal on the adjacent Echo Hill property. The Pennsylvania Department of Environmental Protection (DEP) found the 2002 Act 537 Plan deficient with regard to Kemblesville, since planning approval for the Echo Hill development proposal had not been granted by DEP. Implementation of a public sewerage alternative for Kemblesville was deemed infeasible until such time as satisfactory planning for the Echo Hill development was completed and approved.

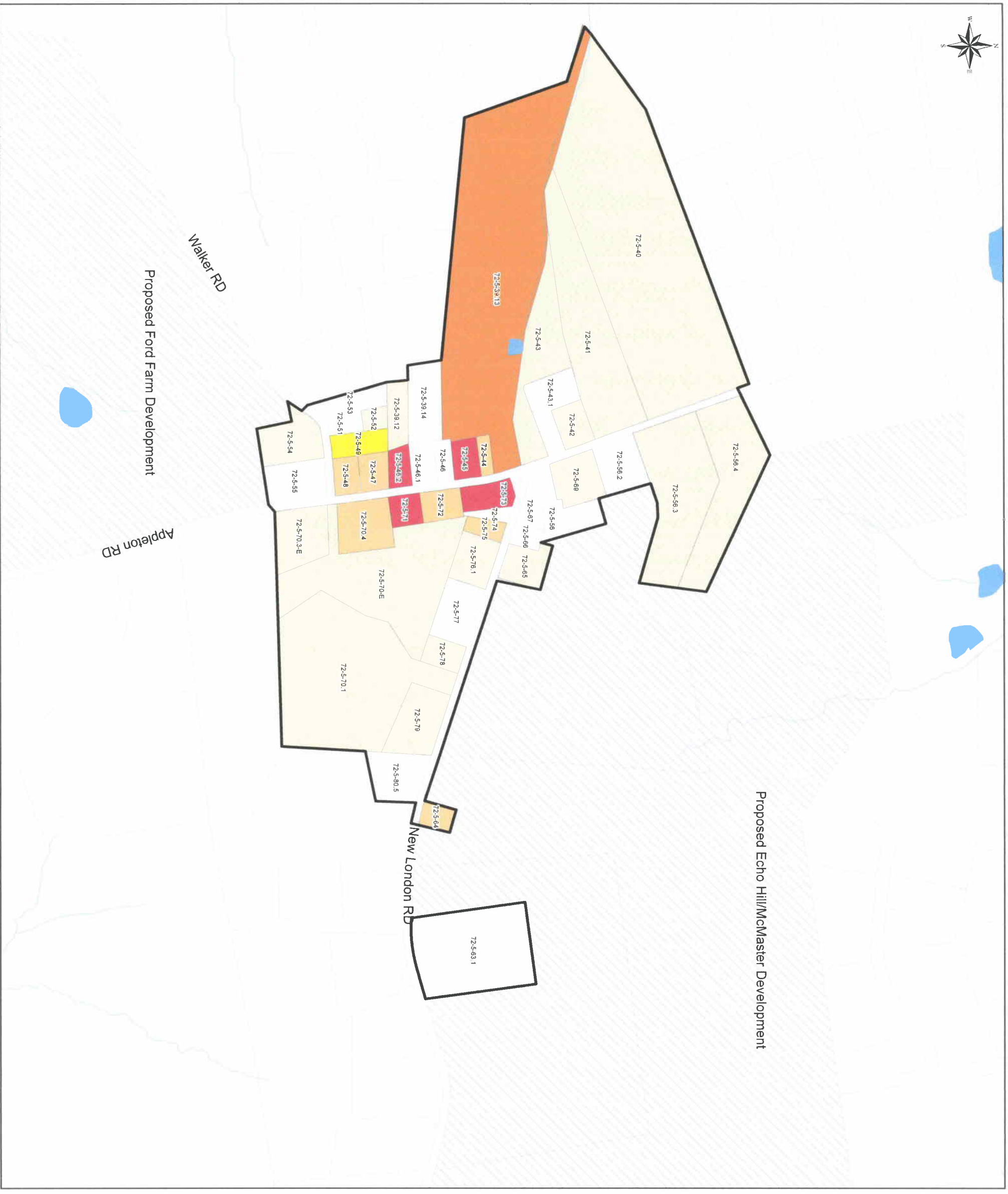
Subsequent to completion of the 2002 Act 537 Plan, the Township and the developers of both the Ford Farm and the combined Echo Hill/McMaster projects executed a Stipulation of Parties and Counsel Agreement approved by an Order of the Chester County Court of Common Pleas in September 2006. The Stipulation contains very specific provisions to serve the wastewater needs of the Echo Hill/McMaster subdivision, the Ford Farm subdivision, and the Village of Kemblesville using a single regional wastewater system. Under this agreement, the developers are responsible for planning, designing, and constructing the collection, conveyance, treatment and disposal facilities not only for the new developments, but for the Village Area. Planning efforts for the regional wastewater system have been initiated but not yet completed.

Limited DEP approval of the Act 537 Plan was granted in 2007 for all areas of the Township except the Kemblesville study area, and additional planning requirements to address this area were identified at this time, most notably completion of the planning associated with the adjacent development proposals.

Delays with the regional wastewater system planning effort have been incurred due primarily to land development plan issues and associated consistency with the executed agreement which defines the developers' responsibility for the proposed sewage facilities. Given these delays, DEP requested that the Township complete an analysis of existing sewage system conditions in the Kemblesville study area to better document the urgency for completion of the outstanding planning.

II. STUDY AREA

The Kemblesville study area, as delineated by Map VIII-1 from the 2002 Act 537 Plan, consisted of 45 properties located along Appleton Road and New London Road, in addition to two large parcels proposed for the Echo Hill development. Subsequent to the 2002 study area delineation, the proposed Echo Hill development



**Franklin Township
Act 537 Plan
Special Study**

**Kembleville Area
Needs Analysis**

**Legend
DEP Needs Categories**

- Confirmed Malfunction
- Confirmed Malfunction, CCHD Approved Replacement Area Testing Complete
- Suspected Malfunction
- Potential Malfunction
- No Malfunction

Kembleville Survey Area

Proposed Development Lands

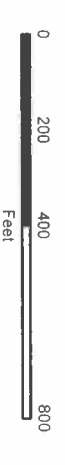
Parcel Boundary

Ponds

Streams

Source:

CHESCO GIS Data Distribution CD
Version 2.4, Created on 5/7/2008



1200 Philadelphia Pike
Wilmington, DE 19809
Tel: 302.791.0700
Fax: 302.791.0708

Map 3

**Kembleville Survey Area
Malfunction Classifications**

was modified to incorporate two large parcels known as the McMaster tract, and the proposed Ford Farm development was also incorporated into pending planning for the Kemblesville regional wastewater system. While the Echo Hill/McMaster and Ford Farm development lands represent a significant component of the future Kemblesville area sewage needs, they are currently large, primarily vacant tracts and have accordingly not been included in this analysis of existing sewage needs. This analysis focuses on the remainder of the 2002 study area, the 45 parcels generally comprising the developed area within the Village of Kemblesville. Map 1 illustrates the current Kemblesville study area, with additional delineation provided to illustrate pending development parcels and the developed area subject to this planning effort.

The Village of Kemblesville consists primarily of residential properties with relatively old structures: many are in excess of 50 years old, with some exceeding 100 years in age. Although residential use predominates, there are also a limited number of commercial and institutional uses. There are no public water supplies or public sewerage facilities in the immediate vicinity; hence, all improved properties rely on individual well water supplies and on-lot sewage disposal systems.

III. SURVEY METHODS

A door-to-door survey was conducted in accordance with the procedures outlined in the DEP *Act 537 Sewage Disposal Needs Identification* document to collect data regarding sewage system type, functional status, and related water supply concerns.

On April 22nd 2008, a letter from Franklin Township was mailed to all residents and/or property owners within the applicable study area explaining the door-to-door survey process (Appendix A). Following this mailing, representatives of URS Corporation (URS), certified as Pennsylvania Sewage Enforcement Officers (SEOs), conducted the initial door-to-door surveys on April 25th and 26th, 2008. Additional surveys were conducted on May 2nd, May 3rd, and May 7th, 2008 to meet with specific residents and to revisit parcels for which no response was received during the initial survey dates. SEOs conducting the survey also visually inspected each property if permitted by the resident. Weather conditions were generally favorable on all survey days with mostly sunny skies and temperatures ranging from the mid 60's to 70's.

During the survey, residents were asked a series of questions regarding the components of their on-lot systems, potential malfunction symptoms, and water supplies. Among the data collected was observation of any of the following symptoms of sewage system malfunction:

- Green lush grass
- Water ponding or surfacing
- Sluggish drains
- Odors
- Wetness or spongy areas
- System overflow
- Waste water backing into building

It should be noted that groundwater contamination concerns have been identified as a result of leaking underground storage tanks at the Sunoco gas station and convenience store, located on parcel 72-5-56.2. As a result, numerous properties within the survey area had or are currently having their well water tested for MTBE. In order to gather pertinent information, survey respondents were asked to differentiate between well water testing related to the MTBE concerns and any other testing for bacterial contamination issues. No water samples were taken during the survey.

Completed survey forms can be found in Appendix B. Survey forms are also included for non-respondent properties in cases where salient surveyor notes were collected.

IV. CHESTER COUNTY HEALTH DEPARTMENT EVALUATION

An assessment of sewage related conditions in the Kemblesville area was requested from CCHD to augment door-to-door survey data collected. As the Local Agency responsible for permitting on-lot sewage disposal systems in Franklin Township, it was determined that this information would be helpful in presenting a detailed analysis. Appendix C presents the written correspondence from the CCHD and subsequent e-mail clarifications and corrections. CCHD correspondence is summarized below:

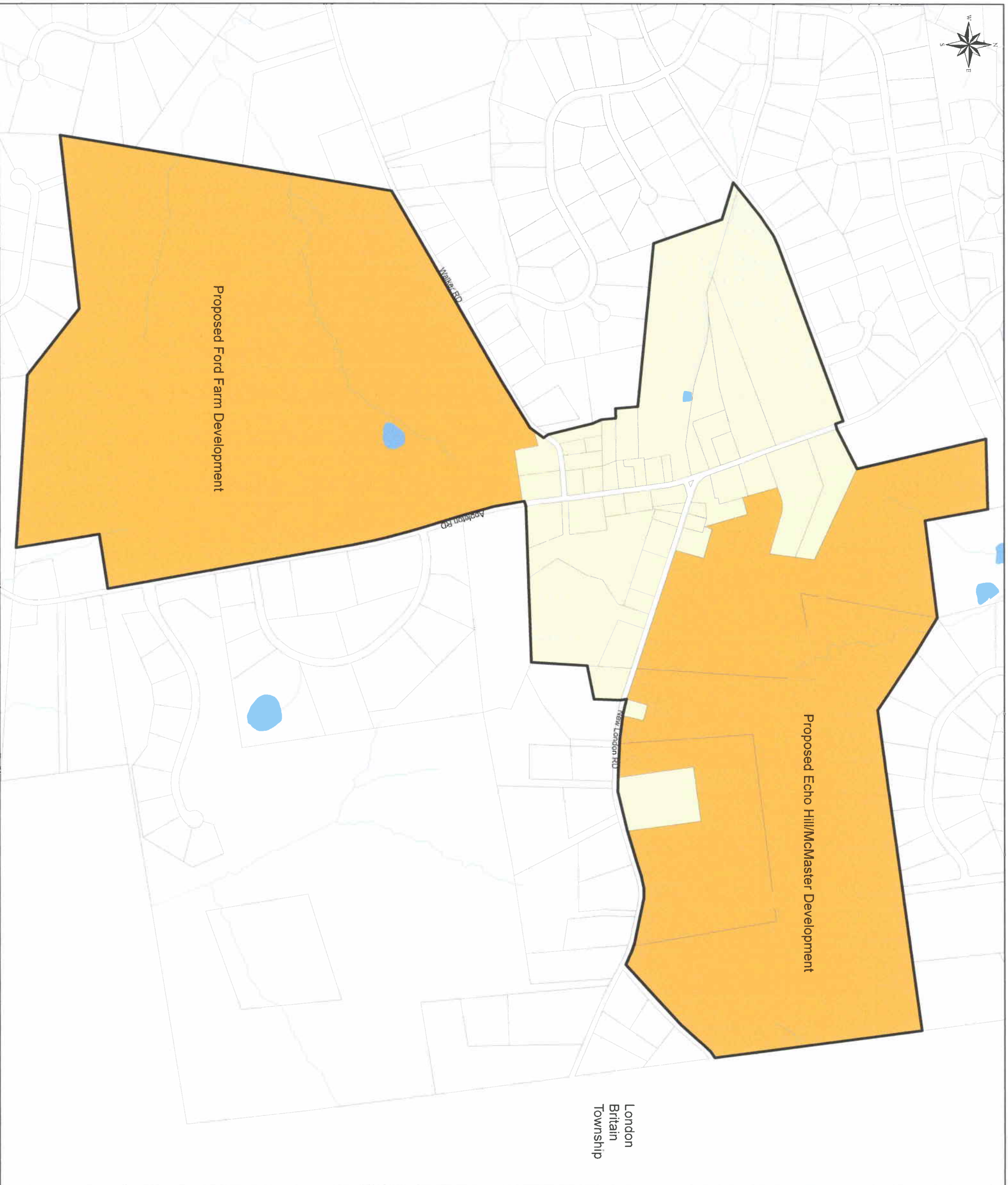
- The CCHD confirmed malfunctioning systems on two parcels (72-5-45 and 72-5-73). Follow-up phone discussions verified that this determination was based upon observed discharges to the ground surface.
- A brief discussion regarding certification reports is presented on page 2; we note that the one parcel subject to this discussion (72-5-71) also exhibited a surface discharge at the time of the survey.
- Repair permits for systems in compliance with Chapter 73 standards were noted for parcels 72-5-40, 72-5-47, 72-5-63.1, and 72-5-69. It should be noted that the source CCHD database only includes permitting activity since 1999.
- Parcel 72-5-49 required the use of Best Technical Guidance (BTG) for a repair permit. Minimum isolation distances could not be maintained, and installation of a UV treatment unit on the water supply was required due to the proximity of the well to the new disposal field.
- Permits for installation of a new sewage system to serve commercial uses are documented for parcels 72-5-41, 72-5-56.3, and 72-5-56.4.
- The CCHD requests that two additional parcels, identified as 72-5-81.3 and 72-5-81.4, be included within the study area due to concerns with future site suitability. These parcels are not within the current study area, and are located across New London Road from the proposed Echo Hill/McMaster development lands. Both contain existing single family residences. Limiting soil conditions which would preclude a soil based replacement sewage disposal system have been identified for parcel 72-5-81.3, and the CCHD believes similar conditions are likely on the adjacent parcel 72-5-81.4.
- The CCHD does not believe Kemblesville sewage conditions represent an “overwhelming problem” at this time, but recommends planning to

consider provision of public sewage facilities within the next five to ten years.

V. SURVEY RESULTS AND DISCUSSION

A. General Findings







Data gleaned through the door-to-door survey, CCHD evaluation, and URS surveyor notes were compiled to provide a comprehensive assessment of conditions within the Kemblesville survey area. Of the 45 total survey parcels, it was determined that 4 parcels were vacant, with no sewage generating structure. As no respondent data was possible and/or applicable for the 4 vacant parcels, they were removed from the final calculations, resulting in a total of 41 properties for which existing conditions could be documented. Of these, 25 survey respondents were documented, producing a survey response rate of 61%. Data supplied by the CCHD provided sufficient information to assess conditions on an additional 5 parcels, resulting in a total of 73% of the applicable properties. Map 2 illustrates the survey area, respondents, vacant parcels, and parcels for which sufficient additional CCHD information was available to determine conditions. Appendix D presents a comprehensive summary listing of the sources of data, noted conditions, and malfunction category according to DEP criteria (discussed in additional detail below).



**Franklin Township
Act 537 Plan
Special Study**

**Kembleville Area
Needs Analysis**

Legend

-  Kembleville Study Area
-  Proposed Development Lands
-  Survey Area
-  Parcel Boundary
-  Ponds
-  Streams

Source:

CHESCO GIS Data Distribution CD
Version 2.4, Created on 5/7/2008



1200 Philadelphia Pike
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Tel: 302.791.0700
Fax: 302.791.0708

Map 1

Kembleville Study Area

B. Repair Permits

The overall findings of the survey indicated a large proportion of older dwellings and structures, commensurate with the historic nature of the Kemblesville area. Numerous improved properties have been the subject of on-lot system repairs, which is expected given the age of many residences. Survey results and CCHD correspondence suggest that repair permit activity has been associated with 14 of the 41 improved parcels in the survey area, or approximately 34%. All of the documented CCHD permitted systems consist of conventional inground disposal systems, which suggest favorable site conditions and soils for long-term sewage disposal. In consideration of these facts, the majority of known repairs are not likely to be specific indicators of a “sewage needs” area and no mapping of repair permits has been provided.

C. Community On-Lot Sewage Systems

A total of 7 community on-lot systems were documented. For the purposes of this study, a community system is defined pursuant to the following excerpts from Pa Code Title 25, Chapter 71.1:

Community onlot sewage system—A system of piping, tanks or other facilities serving two or more lots and collecting, treating and disposing of sewage into a soil absorption area or retaining tank located on one or more of the lots or at another site.

Lot—A part of a subdivision or a parcel of land used as a building site or intended to be used for building purposes, whether immediate or future, which would not be further subdivided. Whenever a lot is used for a multiple family dwelling or for commercial, institutional or industrial purposes, the lot shall be deemed to have been subdivided into an equivalent number of single family residential lots as determined by estimated sewage flows.

In accordance with the above-noted definitions, a community on-lot sewage system is one which uses subsurface disposal and serves more than one use, either on the same lot or multiple lots. The majority of community systems identified in Kemblesville consist of multiple residential uses or sewage flows commensurate with multiple residential uses (commercial and institutional) served by a system on the same parcel as the use(s). 3 of the 7 identified properties with community systems were determined to exhibit symptoms of malfunction in accordance with DEP criteria discussed more fully in Section E below. Additional information regarding the community systems can be found in Appendix D, including number of equivalent dwelling units (EDUs) for the future evaluation of planning alternatives.

D. Water Supply Wells

The construction of a water supply well and the well's distance to a sewage disposal area are potential factors to be considered in determining public health concerns related to on-lot sewage systems. Title 25, Chapter 73 of the Pa Code specifies a minimum distance of 100 feet between a water supply well and an on-lot sewage disposal area to avoid potential for well contamination. Survey data and CCHD information provided an accurate estimate of well locations relative to sewage disposal areas for 29 of the subject parcels in Kemblesville. Of these, 13 were found to have disposal areas at a distance of less than 100 feet to the water supply well. These parcels are generally old enough to predate current standards, and in many cases the relatively small lot sizes preclude the possibility of an adequate well isolation distance.

The presence of water treatment units was noted on 3 parcels to address contaminations concerns which may be sewage-related. Ultra-violet (UV) light treatment units were noted for parcels 72-5-44 and 72-5-49 as a result of repair permitting where minimum isolation distances could not be maintained. Treatment for high nitrates (presumably reverse osmosis units) was also indicated on 72-5-44, as well as 72-5-69. It appears that the noted treatment units are successfully mitigating contamination concerns, since no survey respondent indicated a current sewage-related contamination concern.

Well construction can also influence the potential for contamination. Given the age of many Kemblesville residences, it is assumed that hand dug wells were prevalent as a water supply in the past. Most of these appear to have since been replaced with drilled wells, which if cased and grouted correctly can provide significantly greater protection against contamination than a dug well. The survey data suggests only one old dug well (parcel 72-5-71) is currently in use as a water supply, although dug wells no longer in use were also noted on parcels 72-5-46.2 and 72-5-76.1. Numerous survey respondents were not familiar with their well construction, and no visual determination could be made by the surveyor in many of these cases. Given the age of many residences, more dug wells may be present and/or in use than the survey data suggests. As noted above, however, no survey respondent indicated a current sewage-related contamination concern. No sampling was conducted to further evaluate quality of water supplies.

E. Sewage Needs Evaluation based upon DEP Criteria

The following four categories, provided within DEP's "*Act 537 Sewage Disposal Needs Identification*" document, were used to classify the level of sewage malfunction for each of the 30 parcels for which sufficient data was available:

- Confirmed Malfunctions – On-lot systems which exhibit documented surface malfunctions such as direct observation of absorption area overflows, positive dye tests, piped discharges, and photographic evidence of overflows are

placed into this category. Any property served by a holding tank installed as a repair is also included in the confirmed malfunction category.

- Suspected Malfunctions – Symptoms such as lush green grass, piped discharges without direct observation of sewage, absorption areas located in known unsuitable soils, and cesspools located in high density developments (lots less than one acre) are placed into this category.
- Potential Malfunctions – This category is reserved for on-lot systems which appear to be operating satisfactorily but exhibited non-specific symptoms according to the survey results. These indicators included odors and sluggish drains. In the absence of any other symptoms, these are not indicative of a system malfunction. Although on-lot systems which were the subject of repair permits meeting Chapter 73 criteria are typically included in this category, the age of many Kemblesville residences mitigates against this condition being indicative of a potential malfunction – most 50+ year old residences can be expected to require sewage system repairs even if general conditions are favorable. For the purposes of this study, only systems that were the subject of Best Technical Guidance (BTG) repair permits are included in this category.
- No Malfunction – These are on-lot systems which appear to be operating satisfactorily and were constructed since system permitting requirements were initiated, and in accordance with those requirements. If a respondent did not indicate any of the possible symptoms, they were by default placed into this category.

Table 1 summarizes all identified conditions with regard to the DEP categories discussed above. Where more than one malfunction symptom was noted, the symptom indicative of a greater need was incorporated in this analysis. For example, a respondent indicating both a system overflow (confirmed malfunction symptom) and green lush grass (suspected malfunction symptom) is evaluated relative to the overflow symptom only, since green lush grass is generally considered secondary. Map 3 further illustrates the parcel determinations with respect to the noted DEP categories.

Table 1
Kemblesville Study Area - Summary of Malfunction Classifications

Pa DEP Needs Category	Symptom / Criteria	Number of Parcels⁽¹⁾	Percent of Total⁽²⁾
Confirmed Malfunctions	System Overflow / Water Ponding or Surfacing	4	17%
	Greywater surface discharge	1	
	Total Confirmed	5	
Suspected Malfunctions	Cesspool on Lot <1 Acre	4	23%
	Lush Green Grass	2	
	Greywater Pipe Discharge	1	
	Total Suspected	7	
Potential Malfunctions	Repair permit using BTG ⁽³⁾	1	3%
	Total Potential	1	
No Malfunction		17	57%

(1) Data summarized to show more severe symptom where multiple symptoms noted.

(2) Total represents 30 parcels for which sufficient data is available

(3) Best Technical Guidance, provided for in Chapter 73 to site repair sewage systems in violation of minimum isolation distances if necessary to abate malfunction

Additional discussion regarding each category is presented below.

1. Confirmed Malfunctions Discussion

Of the 30 parcels evaluated, 5 resulted in indications classified as a confirmed malfunction in accordance with DEP guidelines. This category reflects the most significant sewage needs that should be considered by the Township when evaluating alternatives for the study area. The following details the findings:

- Tax Parcel 72-5-39.13: This parcel currently contains a single family dwelling, whose onlot system is experiencing confirmed malfunction symptoms. An overflow from the treatment tank lid was noted during the survey, and the resident indicated that regular tank pumping is typically used to abate such occurrences. The parcel is also the subject of a land development proposal, and testing for both primary and replacement conventional, inground onlot systems to serve this dwelling has been completed and approved by the CCHD.
- Tax Parcel 72-5-45: Although no respondent was documented for this parcel, an apparent sewage overflow was observed by the URS

representative; the CCHD also indicated a known malfunction, and further noted that it is being maintained through routine pumping.

- Tax Parcel 72-5-46.2: The respondent indicated a pipe to the surface for the laundry water disposal.
- Tax Parcel 72-5-71: The respondent indicated water ponding or surfacing in the area of the drainfield.
- Tax Parcel 72-5-73: The CCHD indicated a sewage malfunction, and also noted that routine pumping is being used to mitigate.

2. Suspected Malfunctions Discussion

This category represents those parcels for which a known malfunction has not been documented, but conditions nonetheless suggest significant potential for malfunction. In addition to confirmed malfunctions, this category represents conditions which may merit additional planning or investigation. Most parcels placed in this category were those with a cesspool on a lot of less than 1 acre in size, included due to the associated risk of groundwater contamination. The following discussion provides the details for the parcels which were classified within this category:

- Tax Parcel 72-5-44: Property was the subject of a Best Technical Guidance Repair (BTG) permit in 1998; System consists of a conventional inground bed located approximately 30 feet from the well; Property utilizes UV disinfection and has a Bull-Run valve to divert sewage flows back to original cesspool. Classified as a suspected malfunction due to active cesspool on lot less than 1 acre.
- Tax Parcel 72-5-47: Respondent indicated green lush grass symptom
- Tax Parcel 72-5-48: Respondent indicated a cesspool on a parcel less than an acre in size, with no other indications or symptoms.
- Tax Parcel 72-5-64: Respondent indicated a cesspool on a parcel less than an acre in size, with no other indications or symptoms.
- Tax Parcel 72-5-70.4: Respondent indicated a separate laundry discharge to a stone trench.
- Tax Parcel 72-5-72: Respondent indicated a cesspool on a parcel less than an acre in size, with no other indications or symptoms.
- Tax Parcel 72-5-75: Respondent indicated green lush grass symptom

3. Potential Malfunctions Discussion

Non-specific observations which would warrant placement in this category, such as odors and sluggish drains, were not reported by any survey respondents. The sole parcel designated as a potential malfunction, 72-5-49, was subject to a recent repair permit which required violation of the minimum 100 foot distance between the well and sewage disposal area. An ultraviolet (UV) disinfection system is installed on the water supply as a preventative measure. As previously indicated, the properties subject to documented repair permits meeting all Chapter 73 requirements were not included in this category.

4. No Malfunction Discussion

As noted, parcels which did not exhibit any indications by any of the data sources were by default placed into this category, which amounted to 57% of the parcels. It should be noted that this number may include some parcels for which a cesspool was present on the subject property, but was not indicated by the respondent due to lack of knowledge about the system type.

VI. SUMMARY AND CONCLUSIONS

Data collected from a door-to-door survey of the 41 parcels generally comprising the developed lands within the Kemblesville study area was analyzed in conjunction with data provided by the Chester County Health Department to present a comprehensive assessment of sewage conditions. All lots utilize on-lot sewage disposal systems and individual well water supplies. Sufficient data was available to determine conditions on 30 of the 41 improved parcels. Approximately 23% of the evaluated parcels are served by a community on-lot sewage system, with the remainder served by individual on-lot systems. Each of the 30 parcels was further analyzed in accordance with DEP criteria to determine classification in 1 of 4 sewage needs categories. Of these, the confirmed and suspected malfunction categories generally represent conditions for which some level of additional planning is warranted.

Confirmed malfunctions are generally synonymous with observable conditions which are in violation of Act 537 standards, and were indicated on 17% of the parcels evaluated. In most of these cases, as confirmed by CCHD correspondence, regular treatment tank pumping is apparently utilized to mitigate incidence of these symptoms. Suspected malfunctions generally represent conditions which may reflect a malfunction, albeit one which is not readily observable, and were indicated on 23% of the parcels evaluated. Cesspools on lots less than 1 acre in size represented the majority of properties in this category. 40% of the evaluated parcels in Kemblesville met the criteria for these combined categories.

Approximately 45% of the evaluated parcels were found to have insufficient distance (less than 100 feet) between wells and sewage disposal areas. Of the 3 parcels which indicated water supply treatment units which would treat for contaminants associated

with sewage, 2 were apparently installed as preventative measures in conjunction with a BTG repair permit, and the reason for installation on the third is unknown. Only 1 dug well was documented in use, although 2 others were noted that are not currently used, and the construction of several other wells was indeterminate. Although the noted well conditions generally suggest a risk for sewage contamination, no survey respondent indicated knowledge of unsatisfactory water quality testing in this regard. Provision of public water to the Kemblesville study area to serve both existing residences and the proposed adjacent developments will be considered in the pending planning associated with proposed development lands, which is expected to address any potential for public health concerns due to existing well conditions.

As indicated by the CCHD correspondence found in Appendix C, known (confirmed) malfunctions in the Kemblesville area are somewhat limited at this time, although general conditions appear to warrant additional planning to address the long term needs of the area. The CCHD categorized the urgency of this planning as a 5 to 10 year need. As previously noted, such planning efforts have already been initiated, in conjunction with planning for adjacent development lands illustrated on Map 1. It should also be noted that Franklin Township has an on-lot sewage management ordinance in effect (no. 2002-14) which provides for Township oversight of regular treatment tank pumping. It is anticipated that enforcement of the ordinance provisions will be effective in controlling the incidence of sewage system malfunctions until such time as additional planning is completed which will evaluate alternatives more fully.

CCHD also recommended consideration of two parcels not within the current study area, located across New London Road from the proposed Echo Hill/McMaster development lands. One of these contains an existing residence and has been confirmed to have no suitable site for a soil based replacement disposal system. Conditions on the other are assumed to be similar. Per the CCHD recommendation, the Township will consider these parcels in the ongoing planning for the Kemblesville study area.

VII. IMPLEMENTATION SCHEDULE

In order to provide financially feasible long-term sewage facilities to address the needs of Kemblesville, the Township remains committed to the planning effort already initiated in conjunction with the Echo Hill/McMaster and Ford Farm developers. Preliminary analysis suggests that costs to provide public sewage facilities to the residents of Kemblesville may be infeasible without the economy of scale provided by coordinating with the development proposals. This necessary consideration of financial impact to existing residents unfortunately results in some uncertainty with the timing for completion of the regional wastewater system planning, since a myriad of land development plan issues must be addressed as part of the process. Accordingly, the implementation schedule presented below is predicated

on a “time zero” date to mark substantial resolution of these issues, after which planning and permitting progress may be reasonably projected.

TASK	PROJECTED COMPLETION DATE
Perform soils & hydrogeological evaluations	Completed May 2007
Township review of soils & hydrogeological data	Pending
Township approval of available disposal capacity and project needs	Time Zero
Meet with DEP to discuss planning process	1 month after Time Zero
Prepare draft planning documents	3 months after Time Zero
Township review of draft planning documents	5 months after Time Zero
Prepare final planning documents	6 months after Time Zero
Public agency review initiated	7 months after Time Zero
30 day public comment period	9 months after Time Zero
Township adopts planning documents	10 months after Time Zero
Submit planning documents to PADEP	11 months after Time Zero
DEP approves planning documents (120 days)	15 months after Time Zero
Apply for Part II Permit to construct Regional System	18 months after Time Zero
Receive Part II Permit	21 months after Time Zero
Construct facilities	33-36 months after Time Zero

Appendix A

Franklin Township Letter to Residents

Franklin Township

Board of Supervisors

P. O. Box 118
Kemblesville, PA 19347
Telephone Number 610-255-5212
Fax Number 610-255-0659

April 22, 2008

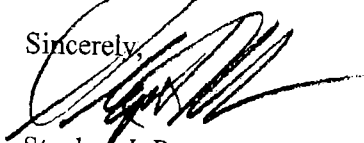
Franklin Township is in the process of preparing an additional study for the current Act 537 Official Sewage Facilities Plan and would like to gather information about sewage systems and water supplies in the Kemblesville area. This information is necessary to accurately document conditions in the area – it will not be used for enforcement purposes.

In order to gather the needed information about the Kemblesville area, the Township's engineering consultant will be performing a door-to-door survey of residents. Representatives of the URS Corporation will be in your neighborhood on Saturday, April 26, and Saturday, May 3, between the hours of 9 a.m. and 5 p.m. to meet you at your house and ask questions about your water and sewage systems. Additional surveys may be conducted on the following two Saturdays (May 10 and May 17) between the same hours if a significant number of residents were not available on previous survey dates, or if needed due to inclement weather. For your information, the blank form being used in the survey is included on the back of this letter – please do not mail this to the Township.

The URS Corporation representatives conducting the survey will have a photographic identification badge and will ask your assistance in completing the survey form. They will also ask for your permission to briefly inspect the location of your sewage system and well. Your cooperation is essential to the success of this effort and is much appreciated by the Township.

If you have any questions, please do not hesitate to contact me and I thank you in advance for your cooperation on this very important project.

Sincerely,



Stephen J. Ross
Interim Township Manager

Appendix B

Door-to-Door Survey Forms

72-5-39.13

Kemblesville Study Area Franklin Township, Chester County Sewage Needs Survey

A survey is being conducted on behalf of Franklin Township to determine if there are any sewage problems and/or any related water supply concerns in this area. Survey results will not be used for enforcement actions.

Date 5/3/08 ~~4/26/08~~ Weather PARTLY CLOUDY 72° Surveyor STAN CORSETT

Name SHAUNTEL MULLINS Address 3327 APPLETON RD.
Phone 610 255 3443 Number Residents 5 Owner Renter

Lot Size 12.41 Number Dwelling Units 1 Number Sewage Systems 1
Residential Use (Y/N) Y Commercial Use N Both —

Water Source (check) Public Well Spring Cistern Other
Well Type (check) Dug Drilled Depth ? feet Well Cased (Y/N) NONE VISIBLE
Distance between Well and Drain Field 5.5 feet. Well Uphill (check) or Downhill
Water Treated (Y/N) N How Treated —
Water Tested (Y/N) N When? — Contamination (Y/N) What? —

Sewage System on Lot: (Check all that Apply)

<input checked="" type="checkbox"/> Septic Tank	<input type="checkbox"/> In-ground Bed	<input type="checkbox"/> Community Sewer
<input type="checkbox"/> Cesspool	<input type="checkbox"/> In-ground 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 Stream
<input type="checkbox"/> Privy	<input type="checkbox"/> Bore Hole	<input type="checkbox"/> Pipe to Surface
<input checked="" type="checkbox"/> Other <u>DISPOSAL AREA OF UNKNOWN DESIGN</u>		

Laundry and/or Sink Water Disposal: (Check all that Apply) - SAME AS ABOVE

<input type="checkbox"/> Septic Tank	<input type="checkbox"/> In-ground Bed	<input type="checkbox"/> Community Sewer
<input type="checkbox"/> Cesspool	<input type="checkbox"/> In-ground 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 Stream
<input type="checkbox"/> Privy	<input type="checkbox"/> Bore Hole	<input type="checkbox"/> Pipe to Surface
<input type="checkbox"/> Other <u>—</u>		

Age of Sewage System UNKNOWN Permitted? (Y/N) ? When? ?

Observations about Sewage System: (Check all that Apply)

<input checked="" type="checkbox"/> Green Lush Grass	<input checked="" type="checkbox"/> Wetness or Spongy Areas
<input checked="" type="checkbox"/> Water Ponding or Surfacing	<input type="checkbox"/> System Overflow
<input type="checkbox"/> Sluggish Drains	<input type="checkbox"/> Waste Water Backing into Building
<input type="checkbox"/> Odors	<input type="checkbox"/> Other <u>—</u>

Are above conditions seasonal — or year-round —? PERIODIC, SEPTIC TANK PUMPED WHEN OBSERVED
Last time observed? 2-3 MOS. AGO How often? WHENEVER WETNESS OBSERVED Last time 2-3 MONTHS

Has system been pumped out? (Y/N) Y What part? SEPTIC TANK
If pumped, was it inspected for cracks? (Y/N) Y Line repaired/replaced? ? Drain Field repaired/replaced? ?

Other observations: N.A. OBSERVATIONS NOT APPARENT ON DATE OF SURVEY
OVERFLOW FROM SEPTIC TANK RISER NOTED

Do I have your permission to confirm this information by looking at the lot? (Y/N) Y

x Smullens
(Resident's Signature)

5/3/08
(Date)

(Resident's Name, Please Print)

NO RESPONSE 12:20 P.M.
" " 2:35 P.M.

Kemblesville Study Area
Franklin Township, Chester County
Sewage Needs Survey

A survey is being conducted on behalf of Franklin Township to determine if there are any sewage problems and/or any related water supply concerns in this area. Survey results will not be used for enforcement actions.

Date 4/25/08 Weather SUNNY 72° Surveyor STAN CORBETT

Name PHILLIP EASTBURN Address _____
Phone _____ Number Residents _____ Owner _____ Renter _____

Lot Size 1.04 Number Dwelling Units 0 Number Sewage Systems 0
Residential Use (Y/N) N Commercial Use N Both _____

Water Source (check) Public ___ Well ___ Spring ___ Cistern ___ Other _____
Well Type (check) Dug ___ Drilled ___ Depth _____ feet Well Cased (Y/N) _____
Distance between Well and Drain Field _____ feet. Well Uphill (check) ___ or Downhill ___
Water Treated (Y/N) ___ How Treated _____
Water Tested (Y/N) ___ When ? _____ Contamination (Y/N) What ? _____

Sewage System on Lot: (Check all that Apply)
 Septic Tank In-ground Bed Community Sewer
 Cesspool In-ground Trench Storm Sewer
 Old Well Elevated Sand Mound Pipe to Ditch
 Holding Tank Seepage Pit Pipe to Stream
 Privy Bore Hole Pipe to Surface
 Other _____

Laundry and/or Sink Water Disposal: (Check all that Apply)
 Septic Tank In-ground Bed Community Sewer
 Cesspool In-ground Trench Storm Sewer
 Old Well Elevated Sand Mound Pipe to Ditch
 Holding Tank Seepage Pit Pipe to Stream
 Privy Bore Hole Pipe to Surface
 Other _____

Age of Sewage System _____ Permitted ? (Y/N) _____ When ? _____

Observations about Sewage System: (Check all that Apply)
 Green Lush Grass Wetness or Spongy Areas
 Water Ponding or Surfacing System Overflow
 Sluggish Drains Waste Water Backing into Building
 Odors Other _____

Are above conditions seasonal ___ or year-round ___ ?
Last time observed? _____

Has system been pumped out? (Y/N) _____ How often? _____ Last time _____
If pumped, was it inspected for cracks? (Y/N) _____ What part? _____

Tank repaired/replaced (Y/N) _____ Line repaired/replaced _____ Drain Field repaired/replaced _____
Other observations: VACANT (UNIMPROVED) LOT

Do I have your permission to confirm this information by looking at the lot? (Y/N) _____

(Resident's Signature)

(Date)

(Resident's Name, Please Print)

Kemblesville Study Area
Franklin Township, Chester County
Sewage Needs Survey

72-5-41
(VILLAGE PIZZA
- RESTAURANT
- 10 SEATS + TAKE OUT)

A survey is being conducted on behalf of Franklin Township to determine if there are any sewage problems and/or any related water supply concerns in this area. Survey results will not be used for enforcement actions.

Date 4/26/08 Weather PARTLY CLOUDY 74° Surveyor STAN CORBETT

Name CHARLES WEIR JR. Address 1765 NEW LONDON RD.
Phone _____ Number Residents 5 Owner Renter

Lot Size _____ Number Dwelling Units 3 Number Sewage Systems _____
Residential Use (Y/N) Commercial Use Both _____

Water Source (check) Public _____ Well Spring _____ Cistern _____ Other _____
1 WELL SERVES ALL 3 STRUCTURES

Well Type (check) Dug _____ Drilled Depth 185 feet Well Cased (Y/N)

Distance between Well and Drain Field _____ feet. Well Uphill (check) _____ or Downhill _____

Water Treated (Y/N) How Treated - FILTRATION FOR NEIGHBORING MTBE CONCERNS

Water Tested (Y/N) When? ? Contamination (Y/N) What? N

Sewage System on Lot: (Check all that Apply)

- | | | |
|---|---|--|
| <input checked="" type="checkbox"/> Septic Tank | <input checked="" type="checkbox"/> In-ground Bed | <input type="checkbox"/> Community Sewer |
| <input type="checkbox"/> Cesspool | <input type="checkbox"/> In-ground 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 Stream |
| <input type="checkbox"/> Privy | <input type="checkbox"/> Bore Hole | <input type="checkbox"/> Pipe to Surface |
| <input type="checkbox"/> Other _____ | | |

Laundry and/or Sink Water Disposal: (Check all that Apply)

- | | | |
|---|---|--|
| <input checked="" type="checkbox"/> Septic Tank | <input checked="" type="checkbox"/> In-ground Bed | <input type="checkbox"/> Community Sewer |
| <input type="checkbox"/> Cesspool | <input type="checkbox"/> In-ground 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 Stream |
| <input type="checkbox"/> Privy | <input type="checkbox"/> Bore Hole | <input type="checkbox"/> Pipe to Surface |
| <input type="checkbox"/> Other _____ | | |

Age of Sewage System RESTAURANT - 8 YRS Permitted? (Y/N) When? HOUSE - LATE '70'S
MOBILE HOME RESTAURANT - 1999
HOUSE - 2005

Observations about Sewage System: (Check all that Apply) NONE

- | | |
|---|--|
| <input type="checkbox"/> Green Lush Grass | <input type="checkbox"/> Wetness or Spongy Areas |
| <input type="checkbox"/> Water Ponding or Surfacing | <input type="checkbox"/> System Overflow |
| <input type="checkbox"/> Sluggish Drains | <input type="checkbox"/> Waste Water Backing into Building |
| <input type="checkbox"/> Odors | <input type="checkbox"/> Other _____ |

Are above conditions seasonal _____ or year-round _____?

Last time observed? _____

Has system been pumped out? (Y/N) How often? ANNUALLY Last time LAST MONTH

If pumped, was it inspected for cracks? (Y/N) What part? _____

Tank repaired/replaced (Y/N) Line repaired/replaced Drain Field repaired/replaced

Other observations: _____

Do I have your permission to confirm this information by looking at the lot? (Y/N)

x Charles Weir Jr.
(Resident's Signature)

4/26/08
(Date)

CHARLES WEIR JR.
(Resident's Name, Please Print)

★ SEPARATE SEWAGE SYSTEMS FOR EACH OF 2 RESIDENCES
(ALL SEPTIC TANK + PIZZA SHOP)

Kemblesville Study Area
Franklin Township, Chester County
Sewage Needs Survey

TP 72-5-42

A survey is being conducted on behalf of Franklin Township to determine if there are any sewage problems and/or any related water supply concerns in this area. Survey results will not be used for enforcement actions.

Date 4/26/08 Weather Cloudy 73° Surveyor STAN CORBETT

Name CHARLES WEIR Address 1767 NEW LONDON RD
Phone _____ Number Residents 2 Owner _____ Renter _____

Lot Size 0.53 AC Number Dwelling Units 1 Number Sewage Systems 1
Residential Use (Y/N) Y Commercial Use N Both _____

Water Source (check) Public _____ Well Spring _____ Cistern _____ Other _____
Well Type (check) Dug _____ Drilled Depth _____ feet Well Cased (Y/N) _____
Distance between Well and Drain Field 2 feet. Well Uphill (check) ? or Downhill ?
Water Treated (Y/N) Y How Treated FOR NEIGHBORING MTBE CONCERNS
Water Tested (Y/N) Y When? _____ Contamination (Y/N) What? N

Sewage System on Lot: (Check all that Apply)

- | | | |
|---|---|-----------------------|
| <input checked="" type="checkbox"/> Septic Tank | <input checked="" type="checkbox"/> In-ground Bed | _____ Community Sewer |
| _____ Cesspool | _____ In-ground Trench | _____ Storm Sewer |
| _____ Old Well | _____ Elevated Sand Mound | _____ Pipe to Ditch |
| _____ Holding Tank | _____ Seepage Pit | _____ Pipe to Stream |
| _____ Privy | _____ Bore Hole | _____ Pipe to Surface |
| _____ Other _____ | | |

Laundry and/or Sink Water Disposal: (Check all that Apply)

- | | | |
|---|---|-----------------------|
| <input checked="" type="checkbox"/> Septic Tank | <input checked="" type="checkbox"/> In-ground Bed | _____ Community Sewer |
| _____ Cesspool | _____ In-ground Trench | _____ Storm Sewer |
| _____ Old Well | _____ Elevated Sand Mound | _____ Pipe to Ditch |
| _____ Holding Tank | _____ Seepage Pit | _____ Pipe to Stream |
| _____ Privy | _____ Bore Hole | _____ Pipe to Surface |
| _____ Other _____ | | |

Age of Sewage System UNKNOWN Permitted? (Y/N) _____ When? _____

Observations about Sewage System: (Check all that Apply) NONE

- | | |
|----------------------------------|---|
| _____ Green Lush Grass | _____ Wetness or Spongy Areas |
| _____ Water Ponding or Surfacing | _____ System Overflow |
| _____ Sluggish Drains | _____ Waste Water Backing into Building |
| _____ Odors | _____ Other _____ |

Are above conditions seasonal _____ or year-round _____?

Last time observed? _____

Has system been pumped out? (Y/N) Y How often? ANNUALLY Last time 4/2007

If pumped, was it inspected for cracks? (Y/N) N What part? _____

Tank repaired/replaced (Y/N) N Line repaired/replaced N Drain Field repaired/replaced N

Other observations: _____

Do I have your permission to confirm this information by looking at the lot? (Y/N) N

NO SIGNATURE COLLECTED -
(Resident's Signature) MR WEIR SHORT ON TIME (Date) _____

(Resident's Name, Please Print)

Kemblesville Study Area
Franklin Township, Chester County
Sewage Needs Survey

A survey is being conducted on behalf of Franklin Township to determine if there are any sewage problems and/or any related water supply concerns in this area. Survey results will not be used for enforcement actions.

Date 5/2/08 Weather PARTLY CLOUDY, 60° Surveyor STAN CORBET, SEO # 2342

Name WILLIAM HUTCHINGS Address 1745 NEW LONDON ROAD
Phone (610) 274-8671 Number Residents 6 Owner Renter

Lot Size ± 2.3 AC. Number Dwelling Units 5 Number Sewage Systems 4 RESIDENTIAL + 1 COMMERCIAL
Residential Use (Y/N) Commercial Use Both

Water Source (check) Public Well Spring Cistern Other
Well Type (check) Dug Drilled Depth ? feet Well Cased (Y/N)
Distance between Well and Drain Field 200+ feet. Well Uphill (check) or Downhill
Water Treated (Y/N) How Treated WATER SOFTENER
Water Tested (Y/N) When? APPROX 2002 Contamination (Y/N) What?

Sewage System on Lot: (Check all that Apply)
 Septic Tank (2) In-ground Bed Community Sewer
 Cesspool In-ground Trench Storm Sewer
 Old Well Elevated Sand Mound Pipe to Ditch
 Holding Tank Seepage Pit Pipe to Stream
 Privy Bore Hole Pipe to Surface
 Other _____

Laundry and/or Sink Water Disposal: (Check all that Apply)
 Septic Tank In-ground Bed Community Sewer
 Cesspool In-ground Trench Storm Sewer
 Old Well Elevated Sand Mound Pipe to Ditch
 Holding Tank Seepage Pit Pipe to Stream
 Privy Bore Hole Pipe to Surface
 Other _____

Age of Sewage System ± 23 YRS Permitted? (Y/N) When? ± 1985

Observations about Sewage System: (Check all that Apply) - NONE
 Green Lush Grass Wetness or Spongy Areas
 Water Ponding or Surfacing System Overflow
 Sluggish Drains Waste Water Backing into Building
 Odors Other _____

Are above conditions seasonal or year-round ?
Last time observed? _____

Has system been pumped out? (Y/N) How often? ANNUALLY Last time 2007

If pumped, was it inspected for cracks? (Y/N) What part? _____

Tank repaired/replaced (Y/N) Line repaired/replaced Drain Field repaired/replaced

Other observations: _____

Do I have your permission to confirm this information by looking at the lot? (Y/N)

[Signature]
(Resident's Signature)

5/2/08
(Date)

Wm HUTCHINGS
(Resident's Name, Please Print)

- NO REPAIR
SINCE NEW
SYSTEM INSTAL
± 1985

Kemblesville Study Area Franklin Township, Chester County Sewage Needs Survey

A survey is being conducted on behalf of Franklin Township to determine if there are any sewage problems and/or any related water supply concerns in this area. Survey results will not be used for enforcement actions.

Date 5/2/08 Weather SUNNY 65° Surveyor STAN CORBETT, SED #2342

Name _____ Address _____
Phone _____ Number Residents _____ Owner _____ Renter _____

Lot Size 0.49 Number Dwelling Units _____ Number Sewage Systems _____
Residential Use (Y/N) _____ Commercial Use _____ Both _____

Water Source (check) Public _____ Well _____ Spring _____ Cistern _____ Other _____

Well Type (check) Dug _____ Drilled _____ Depth _____ feet Well Cased (Y/N) _____

Distance between Well and Drain Field _____ feet. Well Uphill (check) _____ or Downhill _____

Water Treated (Y/N) _____ How Treated _____

Water Tested (Y/N) _____ When ? _____ Contamination (Y/N) What ? _____

Sewage System on Lot: (Check all that Apply)

- Septic Tank
- Cesspool
- Old Well
- Holding Tank
- Privy
- Other _____
- In-ground Bed
- In-ground Trench
- Elevated Sand Mound
- Seepage Pit
- Bore Hole
- Community Sewer
- Storm Sewer
- Pipe to Ditch
- Pipe to Stream
- Pipe to Surface

Laundry and/or Sink Water Disposal: (Check all that Apply)

- Septic Tank
- Cesspool
- Old Well
- Holding Tank
- Privy
- Other _____
- In-ground Bed
- In-ground Trench
- Elevated Sand Mound
- Seepage Pit
- Bore Hole
- Community Sewer
- Storm Sewer
- Pipe to Ditch
- Pipe to Stream
- Pipe to Surface

Age of Sewage System _____ Permitted ? (Y/N) _____ When ? _____

Observations about Sewage System: (Check all that Apply)

- Green Lush Grass
- Water Ponding or Surfacing
- Sluggish Drains
- Odors
- Wetness or Spongy Areas
- System Overflow
- Waste Water Backing into Building
- Other _____

Are above conditions seasonal _____ or year-round _____ ?

Last time observed? _____
Has system been pumped out? (Y/N) _____ How often? _____ Last time _____

If pumped, was it inspected for cracks? (Y/N) _____ What part? _____

Tank repaired/replaced (Y/N) _____ Line repaired/replaced _____ Drain Field repaired/replaced _____

Other observations: _____

Do I have your permission to confirm this information by looking at the lot? (Y/N) _____

(Resident's Signature)

(Date)

(Resident's Name, Please Print)

RESIDENT/OWNER DID NOT WANT TO PARTICIPATE IN SURVEY. 2 EDU'S APPARENT AT PARCEL (RESIDENCE + AUTO REPAIR SHOP)

Kemblesville Study Area
Franklin Township, Chester County
Sewage Needs Survey

A survey is being conducted on behalf of Franklin Township to determine if there are any sewage problems and/or any related water supply concerns in this area. Survey results will not be used for enforcement actions.

Date 4/26/08 Weather SUNNY 73° Surveyor STAN CORBETT

Name DAVE TOMAN Address 3317 APPLETON RD
Phone _____ Number Residents 0* Owner — Renter —

Lot Size 0.21 AC Number Dwelling Units 1 Number Sewage Systems 1 *(BULL RUN TO NEW BED & OLD CESSPOOL)*
Residential Use (Y/N) Y Commercial Use N Both _____
** HOUSE CURRENTLY UNOCCUPIED FOR SALE*

Water Source (check) Public — Well ✓ Spring — Cistern — Other _____
Well Type (check) Dug — Drilled — Depth _____ feet Well Cased (Y/N) UNKNOWN
* Distance between Well and Drain Field ± 50 feet. Well Uphill (check) ✓ or Downhill _____
Water Treated (Y/N) Y How Treated UV & REVERSE OSMOSIS
Water Tested (Y/N) _____ When? _____ Contamination (Y/N) What? _____

Sewage System on Lot: (Check all that Apply) NEW SYSTEM INSTALLED 1998 - AEROBIC TANK, PUMP TANK, NEW IN-GROUND BED
✓ Septic Tank (AEROBIC) ✓ In-ground Bed _____ Community Sewer _____
* ✓ Cesspool _____ In-ground Trench _____ Storm Sewer _____
_____ Old Well _____ Elevated Sand Mound _____ Pipe to Ditch _____
_____ Holding Tank _____ Seepage Pit _____ Pipe to Stream _____
_____ Privy _____ Bore Hole _____ Pipe to Surface _____
_____ Other _____ *(BULL-RUN TO OLD CESSPOOL)*

Laundry and/or Sink Water Disposal: (Check all that Apply)
✓ Septic Tank (AEROBIC) ✓ In-ground Bed _____ Community Sewer _____
✓ Cesspool _____ In-ground Trench _____ Storm Sewer _____
_____ Old Well _____ Elevated Sand Mound _____ Pipe to Ditch _____
_____ Holding Tank _____ Seepage Pit _____ Pipe to Stream _____
_____ Privy _____ Bore Hole _____ Pipe to Surface _____
_____ Other _____

Age of Sewage System 10 YRS Permitted? (Y/N) Y When? 1998

Observations about Sewage System: (Check all that Apply) NONE
_____ Green Lush Grass _____ Wetness or Spongy Areas _____
_____ Water Ponding or Surfacing _____ System Overflow _____
_____ Sluggish Drains _____ Waste Water Backing into Building _____
_____ Odors _____ Other _____

Are above conditions seasonal — or year-round —?
Last time observed? _____
Has system been pumped out? (Y/N) Y How often? EVERY 3 YRS Last time 2007
If pumped, was it inspected for cracks? (Y/N) Y What part? TANK
Tank repaired/replaced (Y/N) Y Line repaired/replaced Y Drain Field repaired/replaced Y
Other observations: _____

Do I have your permission to confirm this information by looking at the lot? (Y/N) Y

x [Signature] _____ 4/26/08
(Resident's Signature) (Date)

(Resident's Name, Please Print)

* WELL TREATED (UV & RO) DUE TO PROXIMITY OF NEW (1998) BED

72-5-45

Kemblesville Study Area
Franklin Township, Chester County
Sewage Needs Survey

A survey is being conducted on behalf of Franklin Township to determine if there are any sewage problems and/or any related water supply concerns in this area. Survey results will not be used for enforcement actions.

Date 4/26/08 Weather SUNNY 72° Surveyor STAN COBETT

Name * TENANT - ^{DO NOT} ~~WADSWORTH~~ Address _____
Phone _____ ^{OR} Number Residents _____ Owner _____ Renter _____

Lot Size 0.41 AC Number Dwelling Units _____ Number Sewage Systems _____
Residential Use (Y/N) _____ Commercial Use _____ Both _____

Water Source (check) Public ___ Well ___ Spring ___ Cistern ___ Other _____
Well Type (check) Dug ___ Drilled ___ Depth _____ feet Well Cased (Y/N) _____
Distance between Well and Drain Field _____ feet. Well Uphill (check) ___ or Downhill ___
Water Treated (Y/N) ___ How Treated _____
Water Tested (Y/N) ___ When ? _____ Contamination (Y/N) What ? _____

* {

Sewage System on Lot: (Check all that Apply)
___ Septic Tank ___ In-ground Bed ___ Community Sewer
___ Cesspool ___ In-ground Trench ___ Storm Sewer
___ Old Well ___ Elevated Sand Mound ___ Pipe to Ditch
___ Holding Tank ___ Seepage Pit ___ Pipe to Stream
___ Privy ___ Bore Hole ___ Pipe to Surface
___ Other _____

UNKNOWN {

Laundry and/or Sink Water Disposal: (Check all that Apply)
___ Septic Tank ___ In-ground Bed ___ Community Sewer
___ Cesspool ___ In-ground Trench ___ Storm Sewer
___ Old Well ___ Elevated Sand Mound ___ Pipe to Ditch
___ Holding Tank ___ Seepage Pit ___ Pipe to Stream
___ Privy ___ Bore Hole ___ Pipe to Surface
___ Other _____

Age of Sewage System _____ Permitted ? (Y/N) _____ When ? _____

NOTED VISUALLY FROM ADJACENT PARCEL {

Observations about Sewage System: (Check all that Apply)
 Green Lush Grass ___ Wetness or Spongy Areas
 Water Ponding or Surfacing ___ System Overflow
___ Sluggish Drains ___ Waste Water Backing into Building
___ Odors ___ Other _____

Are above conditions seasonal ___ or year-round ___ ?
Last time observed? _____
Has system been pumped out? (Y/N) _____ How often? _____ Last time _____
If pumped, was it inspected for cracks? (Y/N) _____ What part? _____
Tank repaired/replaced (Y/N) ___ Line repaired replaced ___ Drain Field repaired/replaced ___
Other observations: _____

Do I have your permission to confirm this information by looking at the lot? (Y/N) _____

(Resident's Signature) _____ (Date) _____

(Resident's Name, Please Print) _____

* TENANT NOTED OBSERVED SEWAGE OVERFLOW IN BACK YARD WOULD NOT PROVIDE ANY ADDITIONAL INFO

Kemblesville Study Area
 Franklin Township, Chester County
 Sewage Needs Survey

72-5-46

A survey is being conducted on behalf of Franklin Township to determine if there are any sewage problems and/or any related water supply concerns in this area. Survey results will not be used for enforcement actions.

Date 4/26/08 Weather SUNNY 72° Surveyor STAN CORBETT

Name _____ Address 3313 APPLETON RD.
 Phone _____ Number Residents _____ Owner Renter

Lot Size 0.34 ACRES Number Dwelling Units _____ Number Sewage Systems _____
 Residential Use (Y/N) _____ Commercial Use _____ Both _____

Water Source (check) Public Well Spring Cistern Other _____
 Well Type (check) Dug Drilled Depth _____ feet Well Cased (Y/N) _____
 Distance between Well and Drain Field _____ feet. Well Uphill (check) or Downhill _____
 Water Treated (Y/N) _____ How Treated _____
 Water Tested (Y/N) _____ When? _____ Contamination (Y/N) What? _____

Sewage System on Lot: (Check all that Apply)

<input type="checkbox"/> Septic Tank	<input type="checkbox"/> In-ground Bed	<input type="checkbox"/> Community Sewer
<input type="checkbox"/> Cesspool	<input type="checkbox"/> In-ground 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 Stream
<input type="checkbox"/> Privy	<input type="checkbox"/> Bore Hole	<input type="checkbox"/> Pipe to Surface
<input type="checkbox"/> Other _____		

Laundry and/or Sink Water Disposal: (Check all that Apply)

<input type="checkbox"/> Septic Tank	<input type="checkbox"/> In-ground Bed	<input type="checkbox"/> Community Sewer
<input type="checkbox"/> Cesspool	<input type="checkbox"/> In-ground 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 Stream
<input type="checkbox"/> Privy	<input type="checkbox"/> Bore Hole	<input type="checkbox"/> Pipe to Surface
<input type="checkbox"/> Other _____		

Age of Sewage System _____ Permitted? (Y/N) _____ When? _____

Observations about Sewage System: (Check all that Apply)

<input type="checkbox"/> Green Lush Grass	<input type="checkbox"/> Wetness or Spongy Areas
<input type="checkbox"/> Water Ponding or Surfacing	<input type="checkbox"/> System Overflow
<input type="checkbox"/> Sluggish Drains	<input type="checkbox"/> Waste Water Backing into Building
<input type="checkbox"/> Odors	<input type="checkbox"/> Other _____

Are above conditions seasonal _____ or year-round _____?
 Last time observed? _____

Has system been pumped out? (Y/N) _____ How often? _____ Last time _____
 If pumped, was it inspected for cracks? (Y/N) _____ What part? _____

Tank repaired/replaced (Y/N) _____ Not repaired/replaced _____ Drain Field repaired/replaced _____

Other observations: HOUSE CURRENTLY VACANT. NO OBSERVABLE SYMPTOM OF SEWAGE SYSTEM MALFUNCTION. NO WELL CASING NOTED

Do I have your permission to confirm this information by looking at the lot? (Y/N) _____

(Resident's Signature) _____

(Date) _____

(Resident's Name, Please Print) _____

TP 72-5-46.1

Kemblesville Study Area Franklin Township, Chester County Sewage Needs Survey

A survey is being conducted on behalf of Franklin Township to determine if there are any sewage problems and/or any related water supply concerns in this area. Survey results will not be used for enforcement actions.

Date 4/25/08 Weather SUNNY 72° Surveyor STAN CORRETT

Name PHILLIP EASTBURN Address _____
Phone _____ Number Residents _____ Owner _____ Renter _____

Lot Size 0.36 AC. Number Dwelling Units 0 Number Sewage Systems 0
Residential Use (Y/N) N Commercial Use N Both _____

Water Source (check) Public Well Spring Cistern Other _____
Well Type (check) Dug Drilled Depth _____ feet Well Cased (Y/N) _____
Distance between Well and Drain Field _____ feet. Well Uphill (check) or Downhill _____
Water Treated (Y/N) _____ How Treated _____
Water Tested (Y/N) _____ When? _____ Contamination (Y/N) What? _____

Sewage System on Lot: (Check all that Apply)
 Septic Tank In-ground Bed Community Sewer
 Cesspool In-ground Trench Storm Sewer
 Old Well Elevated Sand Mound Pipe to Ditch
 Holding Tank Seepage Pit Pipe to Stream
 Privy Bore Hole Pipe to Surface
 Other _____

Laundry and/or Sink Water Disposal: (Check all that Apply)
 Septic Tank In-ground Bed Community Sewer
 Cesspool In-ground Trench Storm Sewer
 Old Well Elevated Sand Mound Pipe to Ditch
 Holding Tank Seepage Pit Pipe to Stream
 Privy Bore Hole Pipe to Surface
 Other _____

Age of Sewage System _____ Permitted? (Y/N) _____ When? _____

Observations about Sewage System: (Check all that Apply)
 Green Lush Grass Wetness or Spongy Areas
 Water Ponding or Surfacing System Overflow
 Sluggish Drains Waste Water Backing into Building
 Odors Other _____

Are above conditions seasonal _____ or year-round _____?
Last time observed? _____

Has system been pumped out? (Y/N) _____ How often? _____ Last time _____

If pumped, was it inspected for cracks? (Y/N) _____ What part? _____

Tank repaired/replaced (Y/N) _____ Line repaired/replaced _____ Drain Field repaired/replaced _____

Other observations: PARCEL CONTAINS BARN ONLY, NO RESIDENCE OR SEWAGE SYSTEM

Do I have your permission to confirm this information by looking at the lot? (Y/N) _____

(Resident's Name, Please Print)

(Resident's Signature) (Date)

Kemblesville Study Area Franklin Township, Chester County Sewage Needs Survey

A survey is being conducted on behalf of Franklin Township to determine if there are any sewage problems and/or any related water supply concerns in this area. Survey results will not be used for enforcement actions.

Date 4/25/08 Weather SUNNY 72° Surveyor STAN CORBETT, SEO # 2342

Name PHILLIP EASTBURN Address 3307 APPLETON RD.
Phone (302) 250-2351 Number Residents Owner Renter

Lot Size 0.35 AC. Number Dwelling Units 1 Number Sewage Systems 1
Residential Use (Y/N) Y Commercial Use Both

Water Source (check) Public Well Spring Cistern Other
Well Type (check) Dug Drilled Depth 120 feet Well Cased (Y/N)
Distance between Well and Drain Field 80 feet. Well Uphill (check) or Downhill
Water Treated (Y/N) How Treated
Water Tested (Y/N) When? Contamination (Y/N) What?

Sewage System on Lot: (Check all that Apply)

<input checked="" type="checkbox"/> Septic Tank	<input type="checkbox"/> In-ground Bed	<input type="checkbox"/> Community Sewer
<input checked="" type="checkbox"/> Cesspool	<input type="checkbox"/> In-ground 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 Stream
<input type="checkbox"/> Privy	<input type="checkbox"/> Bore Hole	<input type="checkbox"/> Pipe to Surface
<input type="checkbox"/> Other <u> </u>		

Laundry and/or Sink Water Disposal: (Check all that Apply)

<input type="checkbox"/> Septic Tank	<input type="checkbox"/> In-ground Bed	<input type="checkbox"/> Community Sewer
<input type="checkbox"/> Cesspool	<input type="checkbox"/> In-ground 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 Stream
<input type="checkbox"/> Privy	<input type="checkbox"/> Bore Hole	<input checked="" type="checkbox"/> Pipe to Surface
<input type="checkbox"/> Other <u> </u>		

Age of Sewage System UNKNOWN Permitted? (Y/N) When?

Observations about Sewage System: (Check all that Apply)

<input type="checkbox"/> Green Lush Grass	<input type="checkbox"/> Wetness or Spongy Areas
<input type="checkbox"/> Water Ponding or Surfacing	<input type="checkbox"/> System Overflow
<input type="checkbox"/> Sluggish Drains	<input type="checkbox"/> Waste Water Backing into Building
<input type="checkbox"/> Odors	<input type="checkbox"/> Other <u> </u>

Are above conditions seasonal or year-round ?
Last time observed?
Has system been pumped out? (Y/N) How often? NO SET SCHEDULE Last time 2006
If pumped, was it inspected for cracks? (Y/N) UNKNOWN What part?
Tank repaired/replaced (Y/N) Line repaired/replaced Drain Field repaired/replaced
Other observations: WELL ON TP # 72-5-46.1

Do I have your permission to confirm this information by looking at the lot? (Y/N)

Philip H. Eastburn
(Resident's Signature)

4/25/08
(Date)

Ph.L.P H. EASTBURN
(Resident's Name, Please Print)

Kemblesville Study Area
Franklin Township, Chester County
Sewage Needs Survey

A survey is being conducted on behalf of Franklin Township to determine if there are any sewage problems and/or any related water supply concerns in this area. Survey results will not be used for enforcement actions.

Date 4/26/08 Weather SUNNY 71° Surveyor STAN CORBETT

Name DAVE LUBER Address 3303 APPLETON RD
Phone 413 417-7118 Number Residents 3 Owner Renter

Lot Size 0.43 AC Number Dwelling Units 1 Number Sewage Systems 1
Residential Use (Y/N) Y Commercial Use N Both

Water Source (check) Public Well Spring Cistern Other
Well Type (check) Dug Drilled Depth ? feet Well Cased (Y/N) Y
Distance between Well and Drain Field ± 80 feet. Well Uphill (check) or Downhill
Water Treated (Y/N) N How Treated
Water Tested (Y/N) N When? Contamination (Y/N) What?

Sewage System on Lot: (Check all that Apply)

- Septic Tank
- Cesspool
- Old Well
- Holding Tank
- Privy
- Other TANK INSTALLED 4/99, DISPOSAL AREA OF UNKNOWN CONSTRUCTION
- In-ground Bed
- In-ground Trench
- Elevated Sand Mound
- Seepage Pit
- Bore Hole
- Community Sewer
- Storm Sewer
- Pipe to Ditch
- Pipe to Stream
- Pipe to Surface

Laundry and/or Sink Water Disposal: (Check all that Apply) - SAME AS SEWAGE

- Septic Tank
- Cesspool
- Old Well
- Holding Tank
- Privy
- Other
- In-ground Bed
- In-ground Trench
- Elevated Sand Mound
- Seepage Pit
- Bore Hole
- Community Sewer
- Storm Sewer
- Pipe to Ditch
- Pipe to Stream
- Pipe to Surface

Age of Sewage System TANK 9 YRS Permitted? (Y/N) Y (TANK) When? 1999
DISPOSAL UNKNOWN

Observations about Sewage System: (Check all that Apply)

- Green Lush Grass
- Water Ponding or Surfacing
- Sluggish Drains
- Odors
- Wetness or Spongy Areas
- System Overflow
- Waste Water Backing into Building
- Other

Are above conditions seasonal or year-round ?

Last time observed? SUMMER 2007

Has system been pumped out? (Y/N) UNKNOWN How often? CURRENT OWNER Last time

If pumped, was it inspected for cracks? (Y/N) What part?

Tank repaired/replaced (Y/N) Y Line repaired/replaced N Drain Field repaired/replaced N

Other observations:

Do I have your permission to confirm this information by looking at the lot? (Y/N) Y

David Luber
(Resident's Signature)

4/26/08
(Date)

DAVID LUBER
(Resident's Name, Please Print)

Kemblesville Study Area
Franklin Township, Chester County
Sewage Needs Survey

A survey is being conducted on behalf of Franklin Township to determine if there are any sewage problems and/or any related water supply concerns in this area. Survey results will not be used for enforcement actions.

Date 4/26/08 Weather SUNNY 70° Surveyor STAN CORBETT

Name MATT SCHREINER Address 100 WALKER RD
Phone (610) 255-5165 Number Residents 4 Owner Renter

Lot Size 0.39 AC Number Dwelling Units 1 Number Sewage Systems 1
Residential Use (Y/N) Y Commercial Use N Both _____

Water Source (check) Public Well Spring Cistern Other
Well Type (check) Dug Drilled Depth ? feet Well Cased (Y/N) Y
Distance between Well and Drain Field 85 feet. Well Uphill (check) or Downhill SAME ELEV.
Water Treated (Y/N) Y How Treated _____
Water Tested (Y/N) Y When? 1993 Contamination (Y/N) What? N

Sewage System on Lot: (Check all that Apply)

- Septic Tank
- Cesspool
- Old Well
- Holding Tank
- Privy
- Other _____
- In-ground Bed
- In-ground Trench
- Elevated Sand Mound
- Seepage Pit
- Bore Hole
- Community Sewer
- Storm Sewer
- Pipe to Ditch
- Pipe to Stream
- Pipe to Surface

Laundry and/or Sink Water Disposal: (Check all that Apply)

- Septic Tank
- Cesspool
- Old Well
- Holding Tank
- Privy
- Other DISCHARGES DIRECTLY TO SEPARATE IN-GROUND BED
- In-ground Bed
- In-ground Trench
- Elevated Sand Mound
- Seepage Pit
- Bore Hole
- WASHING MACHINE & DISHWASHER
- Community Sewer
- Storm Sewer
- Pipe to Ditch
- Pipe to Stream
- Pipe to Surface

Age of Sewage System 20+ Permitted? (Y/N) UNKNOWN When? _____

Observations about Sewage System: (Check all that Apply) NONE

- Green Lush Grass
- Water Ponding or Surfacing
- Sluggish Drains
- Odors
- Wetness or Spongy Areas
- System Overflow
- Waste Water Backing into Building
- Other _____

Are above conditions seasonal or year-round ?

Last time observed? _____
Has system been pumped out? (Y/N) Y How often? 2x/YR Last time 8/07

If pumped, was it inspected for cracks? (Y/N) N What part? _____
Tank repaired/replaced (Y/N) N Line repaired/replaced N Drain Field repaired/replaced N

Other observations: _____

Do I have your permission to confirm this information by looking at the lot? (Y/N) Y

[Signature]
(Resident's Signature)

4-26-08
(Date)

MATT Schreiner
(Resident's Name, Please Print)

Kemblesville Study Area
Franklin Township, Chester County
Sewage Needs Survey

RESIDENCE TP 72-5-52
AUTO REPAIR SHOP 72-5-39.12

A survey is being conducted on behalf of Franklin Township to determine if there are any sewage problems and/or any related water supply concerns in this area. Survey results will not be used for enforcement actions.

Date 4/26/08 Weather SUNNY 70° Surveyor STAN CORBETT

Name TIM RICHARDS Address 3 TILDEN # 5 TILDEN
Phone _____ Number Residents 2 Owner Renter

Lot Size 0.22 Number Dwelling Units 2* HOUSE + BUSINESS (2 SHOP EMPLOYEES)
Residential Use (Y/N) Y Commercial Use Y Number Sewage Systems Y
Both Y

Water Source (check) Public Well Spring Cistern Other
Well Type (check) Dug Drilled Depth ? feet Well Cased (Y/N) Y
Distance between Well and Drain Field 200+ feet. Well Uphill (check) or Downhill
Water Treated (Y/N) N How Treated _____ Contamination (Y/N) What? _____
Water Tested (Y/N) N When? _____

Sewage System on Lot: (Check all that Apply)

- | | | |
|---|---|--|
| <input checked="" type="checkbox"/> Septic Tank | <input checked="" type="checkbox"/> In-ground Bed | <input type="checkbox"/> Community Sewer |
| <input type="checkbox"/> Cesspool | <input type="checkbox"/> In-ground 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 Stream |
| <input type="checkbox"/> Privy | <input type="checkbox"/> Bore Hole | <input type="checkbox"/> Pipe to Surface |
| <input type="checkbox"/> Other _____ | | |

Laundry and/or Sink Water Disposal: (Check all that Apply)

- | | | |
|---|---|--|
| <input checked="" type="checkbox"/> Septic Tank | <input checked="" type="checkbox"/> In-ground Bed | <input type="checkbox"/> Community Sewer |
| <input type="checkbox"/> Cesspool | <input type="checkbox"/> In-ground 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 Stream |
| <input type="checkbox"/> Privy | <input type="checkbox"/> Bore Hole | <input type="checkbox"/> Pipe to Surface |
| <input type="checkbox"/> Other _____ | | |

Age of Sewage System 70 YRS Permitted? (Y/N) Y When? APPROX. 1908

Observations about Sewage System: (Check all that Apply) NONE

- | | |
|---|--|
| <input type="checkbox"/> Green Lush Grass | <input type="checkbox"/> Wetness or Spongy Areas |
| <input type="checkbox"/> Water Ponding or Surfacing | <input type="checkbox"/> System Overflow |
| <input type="checkbox"/> Sluggish Drains | <input type="checkbox"/> Waste Water Backing into Building |
| <input type="checkbox"/> Odors | <input type="checkbox"/> Other _____ |

Are above conditions seasonal or year-round ?

Last time observed? _____

Has system been pumped out? (Y/N) Y How often? NO SCHEDULE Last time UNCERTAIN

If pumped, was it inspected for cracks? (Y/N) What part? _____

Tank repaired/replaced (Y/N) N Line repaired/replaced N Drain Field repaired/replaced Y

Other observations: _____

Do I have your permission to confirm this information by looking at the lot? (Y/N) Y

[Signature]
(Resident's Signature)

4/26/08
(Date)

TIM RICHARDS
(Resident's Name, Please Print)

1988
PERMIT,
INSTALLED
WT EASEMENT
ON PARCEL
WEST OF
39.12

* SEPARATE TANKS ON 52 & 39.12 SERVING
COMMON BED
* SYSTEM ALSO SERVES BUSINESS
ON TP. 72-5-39.12 - SYSTEM
LOCATED N/A PARCEL

NO RESPONSE 9.45

Kemblesville Study Area
Franklin Township, Chester County
Sewage Needs Survey

A survey is being conducted on behalf of Franklin Township to determine if there are any sewage problems and/or any related water supply concerns in this area. Survey results will not be used for enforcement actions.

Date 4/26/08 Weather SUNNY 70° Surveyor STAN CORBETT

Name PAUL LABASSE Address 105 WALKER
Phone (610) 255-4664 Number Residents 3 Owner Renter

Lot Size 1.08 AC. Number Dwelling Units 1 Number Sewage Systems 1
Residential Use (Y/N) Y Commercial Use N Both _____

Water Source (check) Public Well Spring Cistern Other
Well Type (check) Dug Drilled Depth 35 feet Well Cased (Y/N) Y
Distance between Well and Drain Field 100 feet. Well Uphill (check) or Downhill
Water Treated (Y/N) N How Treated _____
Water Tested (Y/N) Y When? 1987 +/- Contamination (Y/N) What? N

Sewage System on Lot: (Check all that Apply)
 Septic Tank In-ground Bed Community Sewer
 Cesspool In-ground Trench Storm Sewer
 Old Well Elevated Sand Mound Pipe to Ditch
 Holding Tank Seepage Pit Pipe to Stream
 Privy Bore Hole Pipe to Surface
 Other _____

Laundry and/or Sink Water Disposal: (Check all that Apply)
 Septic Tank In-ground Bed Community Sewer
 Cesspool In-ground Trench Storm Sewer
 Old Well Elevated Sand Mound Pipe to Ditch
 Holding Tank Seepage Pit Pipe to Stream
 Privy Bore Hole Pipe to Surface
 Other _____

Age of Sewage System 12 YRS Permitted? (Y/N) Y When? ± 1996

Observations about Sewage System: (Check all that Apply) - NONE
 Green Lush Grass Wetness or Spongy Areas
 Water Ponding or Surfacing System Overflow
 Sluggish Drains Waste Water Backing into Building
 Odors Other _____

Are above conditions seasonal or year-round ?
Last time observed? _____

Has system been pumped out? (Y/N) Y How often? 3-4 YRS Last time 2005

If pumped, was it inspected for cracks? (Y/N) N What part? _____

Tank repaired/replaced (Y/N) Y Line repaired/replaced Y Drain Field repaired/replaced Y

Other observations: CESSPOOL ABANDONED & NEW SYSTEM (SEPTIC TANK + IN-GROUND BED) INSTALLED CIRCA 1996

Do I have your permission to confirm this information by looking at the lot? (Y/N) Y

[Signature]
(Resident's Signature)

4/26/08
(Date)

(Resident's Name, Please Print)

**CHECK BACK AFTER 2 WEEKS

**Kemblesville Study Area
Franklin Township, Chester County
Sewage Needs Survey**

72-5-64

A survey is being conducted on behalf of Franklin Township to determine if there are any sewage problems and/or any related water supply concerns in this area. Survey results will not be used for enforcement actions.

Date 4/26/08 Weather Cloudy, 75° Surveyor Chris Whitman

Name Charles Henry Address 1019 New London Rd.
Phone 610-255-0756 Number Residents 1 Owner Renter

Lot Size 32 acres Number Dwelling Units 1 Number Sewage Systems 1
Residential Use (Y/N) Commercial Use Both

Water Source (check) Public Well Spring Cistern Other
Well Type (check) Dug Drilled Depth feet Well Cased (Y/N)
Distance between Well and Drain Field <100' feet. Well Uphill (check) or Downhill
Water Treated (Y/N) How Treated Contamination (Y/N) What?
Water Tested (Y/N) When? 4/08

house built
1956, owner
since July
1989 - well
buried

Sewage System on Lot: (Check all that Apply)

- | | | |
|--|--|--|
| <input type="checkbox"/> Septic Tank | <input type="checkbox"/> In-ground Bed | <input type="checkbox"/> Community Sewer |
| <input checked="" type="checkbox"/> Cesspool | <input type="checkbox"/> In-ground 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 Stream |
| <input type="checkbox"/> Privy | <input type="checkbox"/> Bore Hole | <input type="checkbox"/> Pipe to Surface |
| <input type="checkbox"/> Other <u> </u> | | |

Laundry and/or Sink Water Disposal: (Check all that Apply)

- | | | |
|---|--|--|
| <input checked="" type="checkbox"/> Septic Tank | <input type="checkbox"/> In-ground Bed | <input type="checkbox"/> Community Sewer |
| <input checked="" type="checkbox"/> Cesspool | <input type="checkbox"/> In-ground 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 Stream |
| <input type="checkbox"/> Privy | <input type="checkbox"/> Bore Hole | <input type="checkbox"/> Pipe to Surface |
| <input type="checkbox"/> Other <u> </u> | | |

uses Zapp ST
antifreeze since
1999

Age of Sewage System 52 Permitted? (Y/N) ? When? ?
(original system)

Observations about Sewage System: (Check all that Apply)

- | | |
|---|--|
| <input type="checkbox"/> Green Lush Grass | <input type="checkbox"/> Wetness or Spongy Areas |
| <input type="checkbox"/> Water Ponding or Surfacing | <input type="checkbox"/> System Overflow |
| <input type="checkbox"/> Sluggish Drains | <input type="checkbox"/> Waste Water Backing into Building |
| <input type="checkbox"/> Odors | <input type="checkbox"/> Other <u>None</u> |

Are above conditions seasonal or year-round ?
Last time observed?

Has system been pumped out? (Y/N) How often? Last time 1999

If pumped, was it inspected for cracks? (Y/N) What part?

Tank repaired/replaced (Y/N) Line repaired/replaced Drain Field repaired/replaced
Other observations: used for fill up - started using additive in 1999 - level
has not changed since

Do I have your permission to confirm this information by looking at the lot? (Y/N)

Charles Henry
(Resident's Signature)

4-26-2008
(Date)

Charles J. Henry
(Resident's Name, Please Print)

Kemblesville Study Area
Franklin Township, Chester County
Sewage Needs Survey

A survey is being conducted on behalf of Franklin Township to determine if there are any sewage problems and/or any related water supply concerns in this area. Survey results will not be used for enforcement actions.

Date 4/25/08 Weather SUNNY 72° Surveyor STAN CORBETT, SED #2342

Name ERIC BRINDLE Address *1724 NEWARK - NEW LONDON RD.
Phone (610) 255-3774 Number Residents 4 Owner Renter
(HOUSE + APARTMENTS)

Lot Size 0.68 AC. Number Dwelling Units 3 Number Sewage Systems 1
Residential Use (Y/N) Commercial Use Both

Water Source (check) Public Well Spring 130 Cistern Other
Well Type (check) Dug Drilled Depth 95 feet Well Cased (Y/N)

Distance between Well and Drain Field 95 feet. Well Uphill (check) or Downhill

Water Treated (Y/N) How Treated _____
Water Tested (Y/N) When? 1996 Contamination (Y/N) What? N

Sewage System on Lot: (Check all that Apply)

- Septic Tank
- Cesspool
- Old Well
- Holding Tank
- Privy
- Other
- In-ground Bed
- In-ground Trench
- Elevated Sand Mound
- Seepage Pit
- Bore Hole
- Community Sewer
- Storm Sewer
- Pipe to Ditch
- Pipe to Stream
- Pipe to Surface

Laundry and/or Sink Water Disposal: (Check all that Apply)

- Septic Tank
- Cesspool
- Old Well
- Holding Tank
- Privy
- Other
- In-ground Bed
- In-ground Trench
- Elevated Sand Mound
- Seepage Pit
- Bore Hole
- Community Sewer
- Storm Sewer
- Pipe to Ditch
- Pipe to Stream
- Pipe to Surface

Age of Sewage System 28 YRS Permitted? (Y/N) When? 1980

Observations about Sewage System: (Check all that Apply) — NONE

- Green Lush Grass
- Water Ponding or Surfacing
- Sluggish Drains
- Odors
- Wetness or Spongy Areas
- System Overflow
- Waste Water Backing into Building
- Other

Are above conditions seasonal or year-round ?

Last time observed? _____
Has system been pumped out? (Y/N) How often? ONCE Last time 2000

If pumped, was it inspected for cracks? (Y/N) NO What part? _____

Tank repaired/replaced (Y/N) Line repaired/replaced Drain Field repaired/replaced

Other observations: * APARTMENTS SERVED BY GRINDER PUMP TO COMMON SEPTIC TANK

Do I have your permission to confirm this information by looking at the lot? (Y/N)

x Eric C Brindle
(Resident's Signature)

4/25/08
(Date)

ERIC C BRINDLE
(Resident's Name, Please Print)

* GARAGE: 1726 NEWARK-NEW LONDON RD.
APARTMENT HOUSE (2 APARTMENTS): 1728 NEWARK - NEW LONDON RD.

Kemblesville Study Area
Franklin Township, Chester County
Sewage Needs Survey

72-5-67

parking area is located on adjacent, vacant parcel also owned by Verizon!

A survey is being conducted on behalf of Franklin Township to determine if there are any sewage problems and/or any related water supply concerns in this area. Survey results will not be used for enforcement actions.

Date 4/26/08 Weather Sunny, 75° Surveyor Chris Whitman
Name Verizon Bldg. Address ? Number Residents ? Owner Verizon! Renter (72-5-66)
Phone _____

Lot Size .4(?) Number Dwelling Units _____ Number Sewage Systems _____
Residential Use (Y/N) _____ Commercial Use _____ Both _____
Water Source (check) Public ___ Well ___ Spring ___ Cistern ___ Other _____
Well Type (check) Dug ___ Drilled ___ Depth _____ feet Well Cased (Y/N) _____
Distance between Well and Drain Field _____ feet. Well Uphill (check) ___ or Downhill ___
Water Treated (Y/N) ___ How Treated _____
Water Tested (Y/N) ___ When? _____ Contamination (Y/N) What? _____

Sewage System on Lot: (Check all that Apply)

- Septic Tank
- Cesspool
- Old Well
- Holding Tank
- Privy
- Other _____
- In-ground Bed
- In-ground Trench
- Elevated Sand Mound
- Seepage Pit
- Bore Hole
- Community Sewer
- Storm Sewer
- Pipe to Ditch
- Pipe to Stream
- Pipe to Surface

no one available to speak to. - did observe a plastic lid

Laundry and/or Sink Water Disposal: (Check all that Apply)

- Septic Tank
- Cesspool
- Old Well
- Holding Tank
- Privy
- Other _____
- In-ground Bed
- In-ground Trench
- Elevated Sand Mound
- Seepage Pit
- Bore Hole
- Community Sewer
- Storm Sewer
- Pipe to Ditch
- Pipe to Stream
- Pipe to Surface

on east side of building - Eric Brindle

Age of Sewage System _____ Permitted? (Y/N) _____ When? _____
Thanks they may be on a holding tank, which would be "OK" for commercial use.

Observations about Sewage System: (Check all that Apply)

- Green Lush Grass
- Water Ponding or Surfacing
- Sluggish Drains
- Odors
- Wetness or Spongy Areas
- System Overflow
- Waste Water Backing into Building
- Other _____

Are above conditions seasonal ___ or year-round ___?
Last time observed? _____
Has system been pumped out? (Y/N) _____ How often? _____ Last time _____
If pumped, was it inspected for cracks? (Y/N) _____ What part? _____
Tank repaired/replaced (Y/N) _____ Line repaired/replaced _____ Drain Field repaired/replaced _____
Other observations: _____

Do I have your permission to confirm this information by looking at the lot? (Y/N) _____

(Resident's Signature)

(Date)

(Resident's Name, Please Print)

Kemblesville Study Area
Franklin Township, Chester County
Sewage Needs Survey

72-5-69

A survey is being conducted on behalf of Franklin Township to determine if there are any sewage problems and/or any related water supply concerns in this area. Survey results will not be used for enforcement actions.

Date 4/26/08 Weather cloudy, 70° Surveyor Chris Whitman

Name Kevin Hull Address 1760 New Lane
Phone 610-255-0424 Number Residents 4 Owner Renter

Lot Size .73 acres Number Dwelling Units 1 Number Sewage Systems 1
Residential Use (Y/N) Commercial Use Both

Water Source (check) Public Well Spring Cistern Other
Well Type (check) Dug Drilled Depth ? feet Well Cased (Y/N)
Distance between Well and Drain Field >100' feet. Well Uphill (check) or Downhill
Water Treated (Y/N) How Treated No.3 filtration system
Water Tested (Y/N) When? 2/3 x in last 6 months Contamination (Y/N) What? _____

Sewage System on Lot: (Check all that Apply)

<input checked="" type="checkbox"/> Septic Tank	<input type="checkbox"/> In-ground Bed	<input type="checkbox"/> Community Sewer
<input type="checkbox"/> Cesspool	<input checked="" type="checkbox"/> In-ground 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 Stream
<input type="checkbox"/> Privy	<input type="checkbox"/> Bore Hole	<input type="checkbox"/> Pipe to Surface
<input type="checkbox"/> Other _____		

Note: resident/owner indication consistent w/ CCHD ~~the~~ notes
*update - ~~the~~ lot

Laundry and/or Sink Water Disposal: (Check all that Apply)

<input checked="" type="checkbox"/> Septic Tank	<input type="checkbox"/> In-ground Bed	<input type="checkbox"/> Community Sewer
<input type="checkbox"/> Cesspool	<input checked="" type="checkbox"/> In-ground 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 Stream
<input type="checkbox"/> Privy	<input type="checkbox"/> Bore Hole	<input type="checkbox"/> Pipe to Surface
<input type="checkbox"/> Other _____		

be used for...
ground...
but no...
not...
not...
not...

Age of Sewage System 20 Permitted? (Y/N) ? When? 1988

Observations about Sewage System: (Check all that Apply)

<input type="checkbox"/> Green Lush Grass	<input type="checkbox"/> Wetness or Spongy Areas
<input type="checkbox"/> Water Ponding or Surfacing	<input type="checkbox"/> System Overflow
<input type="checkbox"/> Sluggish Drains	<input type="checkbox"/> Waste Water Backing into Building
<input type="checkbox"/> Odors	<input checked="" type="checkbox"/> Other <u>NONE</u>

not...
not...
not...

Are above conditions seasonal or year-round ?
Last time observed? _____
Has system been pumped out? (Y/N) How often? about every 3 yrs Last time 2 wks ago
If pumped, was it inspected for cracks? (Y/N) What part? _____
Tank repaired/replaced (Y/N) Line repaired/replaced Drain Field repaired/replaced
Other observations: _____

Do I have your permission to confirm this information by looking at the lot? (Y/N)
Kevin Hull 4/26/08
(Resident's Signature) (Date)

(Resident's Name, Please Print)

Kemblesville Study Area
Franklin Township, Chester County
Sewage Needs Survey

TP 72-5-70 E
(TOWNSHIP BUILDING)

A survey is being conducted on behalf of Franklin Township to determine if there are any sewage problems and/or any related water supply concerns in this area. Survey results will not be used for enforcement actions.

Date 4/25/08 Weather SUNNY, 72° Surveyor STAN CORRETT, SEO # 2342

Name FRANKLIN TOWNSHIP Address 20 MUNICIPAL LANE
Phone (610) 255-5212 Number Residents N/A Owner Renter

Lot Size 5.13 AC. Number Dwelling Units 1* Number Sewage Systems 1
Residential Use (Y/N) N Commercial Use Both INSTITUTIONAL USE

Water Source (check) Public Well Spring Cistern Other
Well Type (check) Dug Drilled Depth 100+ feet Well Cased (Y/N) Y
Distance between Well and Drain Field 100+ feet. Well Uphill (check) or Downhill
Water Treated (Y/N) N How Treated _____
Water Tested (Y/N) N When? _____ Contamination (Y/N) What? _____

Sewage System on Lot: (Check all that Apply)

- | | | |
|---|---|--|
| <input checked="" type="checkbox"/> Septic Tank | <input checked="" type="checkbox"/> In-ground Bed | <input type="checkbox"/> Community Sewer |
| <input type="checkbox"/> Cesspool | <input type="checkbox"/> In-ground 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 Stream |
| <input type="checkbox"/> Privy | <input type="checkbox"/> Bore Hole | <input type="checkbox"/> Pipe to Surface |
| <input type="checkbox"/> Other _____ | | |

Laundry and/or Sink Water Disposal: (Check all that Apply)

- | | | |
|---------------------------------------|--|--|
| <input type="checkbox"/> Septic Tank | <input type="checkbox"/> In-ground Bed | <input type="checkbox"/> Community Sewer |
| <input type="checkbox"/> Cesspool | <input type="checkbox"/> In-ground 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 Stream |
| <input type="checkbox"/> Privy | <input type="checkbox"/> Bore Hole | <input type="checkbox"/> Pipe to Surface |
| <input type="checkbox"/> Other _____ | | |

Age of Sewage System ± 25 YRS Permitted? (Y/N) Y When? APPROX. 1983

Observations about Sewage System: (Check all that Apply) NONE

- | | |
|---|--|
| <input type="checkbox"/> Green Lush Grass | <input type="checkbox"/> Wetness or Spongy Areas |
| <input type="checkbox"/> Water Ponding or Surfacing | <input type="checkbox"/> System Overflow |
| <input type="checkbox"/> Sluggish Drains | <input type="checkbox"/> Waste Water Backing into Building |
| <input type="checkbox"/> Odors | <input type="checkbox"/> Other _____ |

Are above conditions seasonal or year-round ?

Last time observed? _____
Has system been pumped out? (Y/N) Y How often? 3 YRS Last time 3/07

If pumped, was it inspected for cracks? (Y/N) UNKNOWN What part? _____

Tank repaired/replaced (Y/N) N Line repaired/replaced N Drain Field repaired/replaced N

Other observations: _____

Do I have your permission to confirm this information by looking at the lot? (Y/N) Y

Jeff Eastburn
(Resident's Signature) 4/25/08
(Date)

JEFF EASTBURN
(Resident's Name - Please Print)
ASST. TWP. MANAGER

* 3 FULL TIME OFFICE STAFF

Kemblesville Study Area
Franklin Township, Chester County
Sewage Needs Survey

A survey is being conducted on behalf of Franklin Township to determine if there are any sewage problems and/or any related water supply concerns in this area. Survey results will not be used for enforcement actions.

Date 5/3/08 Weather CLOUDY 65° Surveyor STAN CORFETT

Name JIM BRADY Address 1709 & 1711 NEW LONDON RD
Phone (610) 255-5588 Number Residents 3 Owner Renter

Lot Size 7.18 ACRES Number Dwelling Units 1 Number Sewage Systems 1
Residential Use (Y/N) Commercial Use Both

Water Source (check) Public Well Spring Cistern Other
Well Type (check) Dug Drilled Depth 300 feet Well Cased (Y/N)
Distance between Well and Drain Field ± 250 feet. Well Uphill (check) or Downhill
Water Treated (Y/N) How Treated WATER SOFTENER
Water Tested (Y/N) When? 2003 Contamination (Y/N) What? N

Sewage System on Lot: (Check all that Apply)
 Septic Tank In-ground Bed Community Sewer
 Cesspool In-ground Trench Storm Sewer
 Old Well Elevated Sand Mound Pipe to Ditch
 Holding Tank Seepage Pit Pipe to Stream
 Privy Bore Hole Pipe to Surface
 Other _____

Laundry and/or Sink Water Disposal: (Check all that Apply) -SAME AS ABOVE
 Septic Tank In-ground Bed Community Sewer
 Cesspool In-ground Trench Storm Sewer
 Old Well Elevated Sand Mound Pipe to Ditch
 Holding Tank Seepage Pit Pipe to Stream
 Privy Bore Hole Pipe to Surface
 Other _____

Age of Sewage System UNKNOWN Permitted? (Y/N) When?

Observations about Sewage System: (Check all that Apply) - NONE
 Green Lush Grass Wetness or Spongy Areas
 Water Ponding or Surfacing System Overflow
 Sluggish Drains Waste Water Backing into Building
 Odors Other _____

Are above conditions seasonal or year-round ?
Last time observed? _____
Has system been pumped out? (Y/N) How often? EVERY 2 YRS. Last time 2006
If pumped, was it inspected for cracks? (Y/N) What part? _____
Tank repaired/replaced (Y/N) Line repaired/replaced Drain Field repaired/replaced
Other observations: _____

Do I have your permission to confirm this information by looking at the lot? (Y/N)

[Signature]
(Resident's Signature)
JAMES M BRADY
(Resident's Name, Please Print)

5/3/08
(Date)

**Kemblesville Study Area
Franklin Township, Chester County
Sewage Needs Survey**

72-5-703E

A survey is being conducted on behalf of Franklin Township to determine if there are any sewage problems and/or any related water supply concerns in this area. Survey results will not be used for enforcement actions.

Date 4/26/08 Weather Sunny, 75°F Surveyor Chris Whitman

Name Kemblesville Dist. Office Address Municipal Lane P.O. Box 1500
Phone 610-255-4900 Number Residents 2 Owner Renter

Lot Size 1.22 Number Dwelling Units employees Number Sewage Systems 1
Residential Use (Y/N) N Commercial Use Y Both

Water Source (check) Public Well Y Spring Cistern Other
Well Type (check) Dug Drilled Depth feet Well Cased (Y/N)
Distance between Well and Drain Field 100 +/- feet. Well Uphill (check) Y or Downhill
Water Treated (Y/N) Y How Treated water conditioner
Water Tested (Y/N) N When? Contamination (Y/N) What?

only observe well line coming into building

Sewage System on Lot: (Check all that Apply)

- Septic Tank
- Cesspool
- Old Well
- Holding Tank
- Privy
- Other employees did not know system type appears to be in-ground trenches from tank
- In-ground Bed
- In-ground Trench
- Elevated Sand Mound
- Seepage Pit
- Bore Hole
- Community Sewer X built
- Storm Sewer
- Pipe to Ditch
- Pipe to Stream
- Pipe to Surface

Laundry and/or Sink Water Disposal: (Check all that Apply)

- Septic Tank
- Cesspool
- Old Well
- Holding Tank
- Privy
- Other
- In-ground Bed
- In-ground Trench
- Elevated Sand Mound
- Seepage Pit
- Bore Hole
- Community Sewer
- Storm Sewer
- Pipe to Ditch
- Pipe to Stream
- Pipe to Surface

No Laundry/Sink

Age of Sewage System 17 Permitted? (Y/N) When? would have been 1991

Observations about Sewage System: (Check all that Apply)

- Green Lush Grass
- Water Ponding or Surfacing
- Sluggish Drains
- Odors
- Wetness or Spongy Areas
- System Overflow
- Waste Water Backing into Building
- Other NONE

Are above conditions seasonal or year-round ? N/A
Last time observed? N/A
Has system been pumped out? (Y/N) Y How often? Last time 7 yrs. ago
If pumped, was it inspected for cracks? (Y/N) What part?
Tank repaired/replaced (Y/N) N Line repaired/replaced N Drain Field repaired/replaced N
Other observations: None

Do I have your permission to confirm this information by looking at the lot? (Y/N) Y

Thomas E. Manley
(Resident's Signature)
Thomas E. Manley
(Resident's Name, Please Print)

4-26-08
(Date)

Kemblesville Study Area
Franklin Township, Chester County
Sewage Needs Survey

72-5-70.4

A survey is being conducted on behalf of Franklin Township to determine if there are any sewage problems and/or any related water supply concerns in this area. Survey results will not be used for enforcement actions.

Date 4/26/08 Weather Sunny, 70°F Surveyor Chris Whelan

Name Joe Sbriglia Address 3302 Appleton
Phone 302-222-0672 Number Residents 1 Owner Renter

Lot Size 1.08 Number Dwelling Units 1 Number Sewage Systems 1
Residential Use (Y/N) Commercial Use Both

Water Source (check) Public Well Spring Cistern Other
Well Type (check) Dug Drilled Depth 400 feet Well Cased (Y/N) (old type At dg)
Distance between Well and Drain Field 100 ft feet. Well Uphill (check) or Downhill
Water Treated (Y/N) How Treated softner
Water Tested (Y/N) When? 1 yr. ago Contamination (Y/N) What? high iron

Sewage System on Lot: (Check all that Apply)

- | | | |
|---------------------------------------|--|--|
| <input type="checkbox"/> Septic Tank | <input type="checkbox"/> In-ground Bed | <input type="checkbox"/> Community Sewer |
| <input type="checkbox"/> Cesspool | <input type="checkbox"/> In-ground 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 Stream |
| <input type="checkbox"/> Privy | <input type="checkbox"/> Bore Hole | <input type="checkbox"/> Pipe to Surface |
| <input type="checkbox"/> Other _____ | | |

unknown - cesspool/s
may be in pipe
3' out of grade

Laundry and/or Sink Water Disposal: (Check all that Apply)

- | | | |
|---------------------------------------|--|---|
| <input type="checkbox"/> Septic Tank | <input type="checkbox"/> In-ground Bed | <input type="checkbox"/> Community Sewer |
| <input type="checkbox"/> Cesspool | <input type="checkbox"/> In-ground Trench | <input type="checkbox"/> Storm Sewer |
| <input type="checkbox"/> Old Well | <input type="checkbox"/> Elevated Sand Mound | <input checked="" type="checkbox"/> Pipe to Ditch (perfor pipe underground) |
| <input type="checkbox"/> Holding Tank | <input type="checkbox"/> Seepage Pit | <input type="checkbox"/> Pipe to Stream |
| <input type="checkbox"/> Privy | <input type="checkbox"/> Bore Hole | <input type="checkbox"/> Pipe to Surface |
| <input type="checkbox"/> Other _____ | | |

Age of Sewage System ? Permitted? (Y/N) ? When? house renovated in 1950's

Observations about Sewage System: (Check all that Apply)

- | | |
|---|--|
| <input type="checkbox"/> Green Lush Grass | <input type="checkbox"/> Wetness or Spongy Areas |
| <input type="checkbox"/> Water Ponding or Surfacing | <input type="checkbox"/> System Overflow |
| <input type="checkbox"/> Sluggish Drains | <input type="checkbox"/> Waste Water Backing into Building |
| <input type="checkbox"/> Odors | <input checked="" type="checkbox"/> Other <u>None</u> |

Are above conditions seasonal or year-round ?

Last time observed? _____

Has system been pumped out? (Y/N) N How often? _____ Last time not in 15 yrs

If pumped, was it inspected for cracks? (Y/N) _____ What part? _____

Tank repaired/replaced (Y/N) _____ Line repaired/replaced _____ Drain Field repaired/replaced _____

Other observations: None

Do I have your permission to confirm this information by looking at the lot? (Y/N)

[Signature]
(Resident's Signature)

4/26/08
(Date)

Joe Sbriglia
(Resident's Name, Please Print)

Kemblesville Study Area
Franklin Township, Chester County
Sewage Needs Survey

A survey is being conducted on behalf of Franklin Township to determine if there are any sewage problems and/or any related water supply concerns in this area. Survey results will not be used for enforcement actions.

Date 5/7/08 Weather SUNNY 78' Surveyor STAN CORBETT

Name DAVID & SHANNON KIDDER Address 3308 APPLETON RD.
Phone (610) 255-3832 Number Residents 4 Owner Renter

Lot Size 0.39 AC. Number Dwelling Units 1 Number Sewage Systems 1
Residential Use (Y/N) Commercial Use Both

Water Source (check) Public Well Spring Cistern Other
Well Type (check) Dug Drilled Depth ? feet Well Cased (Y/N) (ORIGINAL WELL CIRCA 1932)
Distance between Well and Drain Field 75-80 feet. Well Uphill (check) or Downhill
Water Treated (Y/N) How Treated FOR LOW PH
Water Tested (Y/N) When? 2007 Contamination (Y/N) What?

Sewage System on Lot: (Check all that Apply)

- | | | |
|--|--|--|
| <input type="checkbox"/> Septic Tank | <input type="checkbox"/> In-ground Bed | <input type="checkbox"/> Community Sewer |
| <input checked="" type="checkbox"/> Cesspool | <input checked="" type="checkbox"/> In-ground 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 Stream |
| <input type="checkbox"/> Privy | <input type="checkbox"/> Bore Hole | <input type="checkbox"/> Pipe to Surface |
| <input type="checkbox"/> Other _____ | | |

Laundry and/or Sink Water Disposal: (Check all that Apply) *

- | | | |
|--|--|--|
| <input type="checkbox"/> Septic Tank | <input type="checkbox"/> In-ground Bed | <input type="checkbox"/> Community Sewer |
| <input checked="" type="checkbox"/> Cesspool | <input checked="" type="checkbox"/> In-ground 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 Stream |
| <input type="checkbox"/> Privy | <input type="checkbox"/> Bore Hole | <input type="checkbox"/> Pipe to Surface |
| <input type="checkbox"/> Other _____ | | |

* VALVE TO USE
RINSE WATER FOR
LANDSCAPING
IRRIGATION IN
DROUGHTS

Age of Sewage System 76 YRS Permitted? (Y/N) When? _____

Observations about Sewage System: (Check all that Apply)

- | | |
|--|--|
| <input type="checkbox"/> Green Lush Grass | <input type="checkbox"/> Wetness or Spongy Areas |
| <input checked="" type="checkbox"/> Water Ponding or Surfacing | <input type="checkbox"/> System Overflow |
| <input type="checkbox"/> Sluggish Drains | <input type="checkbox"/> Waste Water Backing into Building |
| <input type="checkbox"/> Odors | <input type="checkbox"/> Other _____ |

Are above conditions ~~seasonal~~ or year round? FIRST OBSERVED WITHIN PAST FEW DAYS
Last time observed? TODAY

Has system been pumped out? (Y/N) How often? ANNUALLY Last time MARCH 2008

If pumped, was it inspected for cracks? (Y/N) What part? _____

Tank repaired/replaced (Y/N) Line repaired/replaced Drain Field repaired/replaced

Other observations: PONDING/SURFACING OBSERVED

Do I have your permission to confirm this information by looking at the lot? (Y/N)

[Signature]
(Resident's Signature)

5/8/08
(Date)

(Resident's Name, Please Print)

**Kemblesville Study Area
Franklin Township, Chester County
Sewage Needs Survey**

72-5-72

A survey is being conducted on behalf of Franklin Township to determine if there are any sewage problems and/or any related water supply concerns in this area. Survey results will not be used for enforcement actions.

Date 4/26/08 Weather Sunny, 75° Surveyor Chris Whitman

Name James Bond Address 3310 Appleton Road
Phone 610-255-0453 Number Residents 2 Owner Renter

Joseph Burns owner

Lot Size .48 acres Number Dwelling Units 1 Number Sewage Systems 1
Residential Use (Y/N) Commercial Use Both

Water Source (check) Public Well Spring Cistern Other

Well Type (check) Dug Drilled Depth 200+ feet Well Cased (Y/N)

Distance between Well and Drain Field feet. Well Uphill (check) or Downhill

Water Treated (Y/N) How Treated
Water Tested (Y/N) When? within past few months Contamination (Y/N) What?

well under check - not observed

Sewage System on Lot: (Check all that Apply)

<input type="checkbox"/> Septic Tank	<input type="checkbox"/> In-ground Bed	<input checked="" type="checkbox"/> Community Sewer
<input checked="" type="checkbox"/> Cesspool	<input type="checkbox"/> In-ground 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 Stream
<input type="checkbox"/> Privy	<input type="checkbox"/> Bore Hole	<input type="checkbox"/> Pipe to Surface
<input type="checkbox"/> Other <u> </u>		

system is in backyard of 3312 Appleton Rd.

Laundry and/or Sink Water Disposal: (Check all that Apply)

<input type="checkbox"/> Septic Tank	<input type="checkbox"/> In-ground Bed	<input type="checkbox"/> Community Sewer
<input type="checkbox"/> Cesspool	<input type="checkbox"/> In-ground 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 checked="" type="checkbox"/> Seepage Pit (stone pit in backyard)	<input type="checkbox"/> Pipe to Stream
<input type="checkbox"/> Privy	<input type="checkbox"/> Bore Hole	<input type="checkbox"/> Pipe to Surface
<input type="checkbox"/> Other <u> </u>		

Age of Sewage System at least 15 yrs (was never moved in) Permitted? (Y/N) ? When? ?

Observations about Sewage System: (Check all that Apply)

<input type="checkbox"/> Green Lush Grass	<input type="checkbox"/> Wetness or Spongy Areas
<input type="checkbox"/> Water Ponding or Surfacing	<input type="checkbox"/> System Overflow
<input type="checkbox"/> Sluggish Drains	<input type="checkbox"/> Waste Water Backing into Building
<input type="checkbox"/> Odors	<input checked="" type="checkbox"/> Other <u>none</u>

Are above conditions seasonal or year-round ? Last time observed?

Has system been pumped out? (Y/N) How often? every 6 months Last time 6 weeks ago
If pumped, was it inspected for cracks? (Y/N) What part?

Tank repaired/replaced (Y/N) Line repaired/replaced Drain Field repaired/replaced
Other observations: re-lined pit 15 yrs ago when renter moved in

Do I have your permission to confirm this information by looking at the lot? (Y/N) Y

James Bond
(Resident's Signature)

4/26/08
(Date)

(Resident's Name, Please Print)

Kemblesville Study Area
Franklin Township, Chester County
Sewage Needs Survey

72-5-72

A survey is being conducted on behalf of Franklin Township to determine if there are any sewage problems and/or any related water supply concerns in this area. Survey results will not be used for enforcement actions.

Date 4/26/08 Weather cloudy, 75° Surveyor Chris Whitman

Name Ellis Steele Address 3312 Appleton Road
Phone 610-235-4089 Number Residents 2 Owner Renter

Lot Size .48 acres Number Dwelling Units 1 Number Sewage Systems 1
Residential Use (Y/N) Commercial Use Both

Water Source (check) Public Well Spring Cistern Other

Well Type (check) Dug Drilled Depth feet Well Cased (Y/N)

Distance between Well and Drain Field feet. Well Uphill (check) or Downhill

Water Treated (Y/N) How Treated Contamination (Y/N) What?

Water Tested (Y/N) When?

Sewage System on Lot: (Check all that Apply)

- | | | |
|--|--|---|
| <input checked="" type="checkbox"/> Septic Tank | <input type="checkbox"/> In-ground Bed | <input checked="" type="checkbox"/> Community Sewer |
| <input checked="" type="checkbox"/> Cesspool (2) | <input type="checkbox"/> In-ground 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 Stream |
| <input type="checkbox"/> Privy | <input type="checkbox"/> Bore Hole | <input type="checkbox"/> Pipe to Surface |
| <input type="checkbox"/> Other | | |

Laundry and/or Sink Water Disposal: (Check all that Apply)

- | | | |
|--|--|---|
| <input type="checkbox"/> Septic Tank | <input type="checkbox"/> In-ground Bed | <input checked="" type="checkbox"/> Community Sewer |
| <input checked="" type="checkbox"/> Cesspool | <input type="checkbox"/> In-ground 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 Stream |
| <input type="checkbox"/> Privy | <input type="checkbox"/> Bore Hole | <input type="checkbox"/> Pipe to Surface |
| <input type="checkbox"/> Other | | |

Age of Sewage System ? Permitted? (Y/N) ? When? ?

Observations about Sewage System: (Check all that Apply)

- | | |
|---|--|
| <input type="checkbox"/> Green Lush Grass | <input type="checkbox"/> Wetness or Spongy Areas |
| <input type="checkbox"/> Water Ponding or Surfacing | <input type="checkbox"/> System Overflow |
| <input type="checkbox"/> Sluggish Drains | <input type="checkbox"/> Waste Water Backing into Building |
| <input type="checkbox"/> Odors | <input type="checkbox"/> Other <u>None</u> |

Are above conditions seasonal or year-round ?

Last time observed?

Has system been pumped out? (Y/N) How often? 1/yr Last time

If pumped, was it inspected for cracks? (Y/N) What part?

Tank repaired/replaced (Y/N) Line repaired/replaced Drain Field repaired/replaced

Other observations:

Do I have your permission to confirm this information by looking at the lot? (Y/N)

Ellis Steele
(Resident's Signature)

4/26/08
(Date)

Ellis Steele
(Resident's Name, Please Print)

Joe Burns is
owner

same well
as 3310
Appleton

system also
received from
3310 Appleton

renter moved
in 3 yrs.

Kemblesville Study Area
Franklin Township, Chester County
Sewage Needs Survey

72-5-73

A survey is being conducted on behalf of Franklin Township to determine if there are any sewage problems and/or any related water supply concerns in this area. Survey results will not be used for enforcement actions.

Date 4/26/08 Weather Sunny, 75° Surveyor Chris Whitman

Name John Grimes Address 1735 New London Road
Phone 610-457-4345 Number Residents Owner Renter

Lot Size .54 Number Dwelling Units 2 Number Sewage Systems 1
Residential Use (Y/N) Y Commercial Use Both

Water Source (check) Public Well ✓ Spring Cistern Other
Well Type (check) Dug Drilled ✓ Depth ? feet Well Cased (Y/N) ✓
Distance between Well and Drain Field >100 feet. Well Uphill (check) or Downhill
Water Treated (Y/N) Y How Treated neutralizer
Water Tested (Y/N) Y When? 2006 Contamination (Y/N) What?

*well has
contaminant
from
but not
at well*

Sewage System on Lot: (Check all that Apply)

- | | | |
|---|---|---|
| <input checked="" type="checkbox"/> Septic Tank (1st) | <input type="checkbox"/> In-ground Bed | <input checked="" type="checkbox"/> Community Sewer |
| <input type="checkbox"/> Cesspool | <input type="checkbox"/> In-ground 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 checked="" type="checkbox"/> Seepage Pit (2nd) | <input type="checkbox"/> Pipe to Stream |
| <input type="checkbox"/> Privy | <input type="checkbox"/> Bore Hole | <input type="checkbox"/> Pipe to Surface |
| <input type="checkbox"/> Other <u> </u> | | |

Laundry and/or Sink Water Disposal: (Check all that Apply)

- | | | |
|--|--|---|
| <input type="checkbox"/> Septic Tank | <input type="checkbox"/> In-ground Bed | <input checked="" type="checkbox"/> Community Sewer |
| <input type="checkbox"/> Cesspool | <input type="checkbox"/> In-ground Trench | <input checked="" type="checkbox"/> Storm Sewer |
| <input type="checkbox"/> Old Well | <input type="checkbox"/> Elevated Sand Mound | <input checked="" type="checkbox"/> Pipe to Ditch (filled w/ stone) |
| <input type="checkbox"/> Holding Tank | <input type="checkbox"/> Seepage Pit | <input type="checkbox"/> Pipe to Stream |
| <input type="checkbox"/> Privy | <input type="checkbox"/> Bore Hole | <input type="checkbox"/> Pipe to Surface |
| <input type="checkbox"/> Other <u> </u> | | |

Age of Sewage System ? Permitted? (Y/N) ? When? house is 200 yrs old

Observations about Sewage System: (Check all that Apply)

- | | |
|---|--|
| <input type="checkbox"/> Green Lush Grass | <input type="checkbox"/> Wetness or Spongy Areas |
| <input type="checkbox"/> Water Ponding or Surfacing | <input type="checkbox"/> System Overflow |
| <input type="checkbox"/> Sluggish Drains | <input type="checkbox"/> Waste Water Backing into Building |
| <input type="checkbox"/> Odors | <input type="checkbox"/> Other <u>None</u> |

Are above conditions seasonal or year-round ?

Last time observed?
Has system been pumped out? (Y/N) Y How often? every 6 months Last time 12/07
If pumped, was it inspected for cracks? (Y/N) What part?

Tank repaired/replaced (Y/N) Line repaired/replaced Drain Field repaired/replaced
Other observations: raised 1' to grade

Do I have your permission to confirm this information by looking at the lot? (Y/N) Y

(Resident's Signature)

(Date)

(Resident's Name, Please Print)

Kemblesville Study Area
Franklin Township, Chester County
Sewage Needs Survey

A survey is being conducted on behalf of Franklin Township to determine if there are any sewage problems and/or any related water supply concerns in this area. Survey results will not be used for enforcement actions.

Date 5/3/08 Weather Cloudy 65° Surveyor Stan Corbett

Name CAROLYN NEIL Address 1731 NEW LONDON RD.
Phone 610 255-4222 Number Residents 3 Owner Renter

Lot Size 0.28 ACRE Number Dwelling Units 1 Number Sewage Systems 1
Residential Use (Y/N) Y Commercial Use N Both -

Water Source (check) Public Well Spring Cistern Other
Well Type (check) Dug Drilled Depth ? feet Well Cased (Y/N) Y
Distance between Well and Drain Field 50-75 feet. Well Uphill (check) or Downhill
Water Treated (Y/N) N How Treated _____
Water Tested (Y/N) Y When? ± 1998 Contamination (Y/N) What? N

Sewage System on Lot: (Check all that Apply)
 Septic Tank In-ground Bed Community Sewer
 Cesspool In-ground Trench Storm Sewer
 Old Well Elevated Sand Mound Pipe to Ditch
 Holding Tank Seepage Pit Pipe to Stream
 Privy Bore Hole Pipe to Surface
 Other DISPOSAL SYSTEM OF UNKNOWN DESIGN

Laundry and/or Sink Water Disposal: (Check all that Apply) - SAME AS SEWAGE
 Septic Tank In-ground Bed Community Sewer
 Cesspool In-ground Trench Storm Sewer
 Old Well Elevated Sand Mound Pipe to Ditch
 Holding Tank Seepage Pit Pipe to Stream
 Privy Bore Hole Pipe to Surface
 Other _____

Age of Sewage System APPROX 20 YRS Permitted? (Y/N) Y When? ± 1988

Observations about Sewage System: (Check all that Apply)
 Green Lush Grass - IN VICINITY Wetness or Spongy Areas
 Water Ponding or Surfacing DIP TANK System Overflow
 Sluggish Drains Waste Water Backing into Building
 Odors Other _____

Are above conditions seasonal or year-round ?
Last time observed? CURRENT
Has system been pumped out? (Y/N) Y How often? UNKNOWN Last time UNKNOWN
If pumped, was it inspected for cracks? (Y/N) ? What part? ?
Tank repaired/replaced (Y/N) N Line repaired/replaced N Drain Field repaired/replaced N
Other observations: _____

Do I have your permission to confirm this information by looking at the lot? (Y/N) Y

x Carolyn Neil
(Resident's Signature)

5/3/08
(Date)

(Resident's Name, Please Print)

~~NO RESPONSE 11-16~~

Kemblesville Study Area
Franklin Township, Chester County
Sewage Needs Survey

72-5-76.1

A survey is being conducted on behalf of Franklin Township to determine if there are any sewage problems and/or any related water supply concerns in this area. Survey results will not be used for enforcement actions.

*2 separate systems

Date 4/24/08 Weather Sunny, 75° Surveyor Chris Whitman

Name Amy Rector Address (1727 & 1725 - 1 parcel)
Phone 610-255-1235 Number Residents 2, 1c Owner Renter

Lot Size 0.7 acres Number Dwelling Units 2 Number Sewage Systems 2 (1 for each)
Residential Use (Y/N) Commercial Use Both

Water Source (check) Public Well Spring Cistern Other

Well Type (check) Dug Drilled Depth 90' feet Well Cased (Y/N)

Distance between Well and Drain Field >100' feet. Well Uphill (check) or Downhill

Water Treated (Y/N) How Treated

Water Tested (Y/N) When? ↓ Contamination (Y/N) What? ---

Sewage System on Lot: (Check all that Apply) tested prior to survey - no issues (3/06)

- | | | |
|---|--|--|
| <input checked="" type="checkbox"/> Septic Tank | <input checked="" type="checkbox"/> In-ground Bed | <input type="checkbox"/> Community Sewer |
| <input type="checkbox"/> Cesspool | <input checked="" type="checkbox"/> In-ground 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 Stream |
| <input type="checkbox"/> Privy | <input type="checkbox"/> Bore Hole | <input type="checkbox"/> Pipe to Surface |
| <input type="checkbox"/> Other | | |

old hand dug well in basement of 1727 - not used
= 1725 - built in 1980 - mobil

Laundry and/or Sink Water Disposal: (Check all that Apply)

- | | | |
|---|--|--|
| <input checked="" type="checkbox"/> Septic Tank | <input type="checkbox"/> In-ground Bed | <input type="checkbox"/> Community Sewer |
| <input type="checkbox"/> Cesspool | <input checked="" type="checkbox"/> In-ground 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 Stream |
| <input type="checkbox"/> Privy | <input type="checkbox"/> Bore Hole | <input type="checkbox"/> Pipe to Surface |
| <input type="checkbox"/> Other | | |

Home

Age of Sewage System ? Permitted? (Y/N) ? When? not original - system has PVC pipe

Observations about Sewage System: (Check all that Apply)

- | | |
|---|--|
| <input type="checkbox"/> Green Lush Grass | <input type="checkbox"/> Wetness or Spongy Areas |
| <input type="checkbox"/> Water Ponding or Surfacing | <input type="checkbox"/> System Overflow |
| <input type="checkbox"/> Sluggish Drains | <input type="checkbox"/> Waste Water Backing into Building |
| <input type="checkbox"/> Odors | <input type="checkbox"/> Other <u>None for both</u> |

Are above conditions seasonal or year-round ?

Last time observed? both

Has system been pumped out? (Y/N) How often? --- Last time not since moved in

If pumped, was it inspected for cracks? (Y/N) What part? ---

Tank repaired/replaced (Y/N) Line repaired/replaced Drain Field repaired/replaced

Other observations: ---

Do I have your permission to confirm this information by looking at the lot? (Y/N)

(Resident's Signature) Amy Rector

(Date) 4/24/08

(Resident's Name, Please Print) Amy Rector

Kemblesville Study Area
Franklin Township, Chester County
Sewage Needs Survey

72-5-78

~~Franklin Township~~
~~Interviewed~~
~~Interviewed~~

A survey is being conducted on behalf of Franklin Township to determine if there are any sewage problems and/or any related water supply concerns in this area. Survey results will not be used for enforcement actions.

Date 4/23/08 Weather cloudy, 70° Surveyor Chris Whitman

Name John Itzels Address 1713 New London Road
Phone 610-255-4942 Number Residents 2 Owner Renter

Lot Size .44 acres Number Dwelling Units 1 Number Sewage Systems 1
Residential Use (Y/N) Y Commercial Use Both

Water Source (check) Public Well ✓ Spring Cistern Other
Well Type (check) Dug Drilled ✓ Depth 140 feet Well Cased (Y/N) Y
Distance between Well and Drain Field feet. Well Uphill (check) or Downhill
Water Treated (Y/N) How Treated
Water Tested (Y/N) Y When? Contamination (Y/N) What?

Interviewed
owners
son -
vehemently
opposed
to public
system

Sewage System on Lot: (Check all that Apply)

- | | | |
|--|--|--|
| <input type="checkbox"/> Septic Tank | <input type="checkbox"/> In-ground Bed | <input type="checkbox"/> Community Sewer |
| <input type="checkbox"/> Cesspool | <input type="checkbox"/> In-ground 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 Stream |
| <input type="checkbox"/> Privy | <input type="checkbox"/> Bore Hole | <input type="checkbox"/> Pipe to Surface |
| <input type="checkbox"/> Other <u> </u> | | |

Laundry and/or Sink Water Disposal: (Check all that Apply)

- | | | |
|--|--|--|
| <input type="checkbox"/> Septic Tank | <input type="checkbox"/> In-ground Bed | <input type="checkbox"/> Community Sewer |
| <input type="checkbox"/> Cesspool | <input type="checkbox"/> In-ground 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 Stream |
| <input type="checkbox"/> Privy | <input type="checkbox"/> Bore Hole | <input type="checkbox"/> Pipe to Surface |
| <input type="checkbox"/> Other <u> </u> | | |

same as
septic

Age of Sewage System unknown Permitted? (Y/N) When?

Observations about Sewage System: (Check all that Apply)

- | | |
|---|--|
| <input type="checkbox"/> Green Lush Grass | <input type="checkbox"/> Wetness or Spongy Areas |
| <input type="checkbox"/> Water Ponding or Surfacing | <input type="checkbox"/> System Overflow |
| <input type="checkbox"/> Sluggish Drains | <input type="checkbox"/> Waste Water Backing into Building |
| <input type="checkbox"/> Odors | <input checked="" type="checkbox"/> Other <u>None</u> |

"never
had a problem"

Are above conditions seasonal or year-round ?

Last time observed?

Has system been pumped out? (Y/N) How often? 1/yr. Last time

If pumped, was it inspected for cracks? (Y/N) What part?

Tank repaired/replaced (Y/N) Line repaired/replaced Drain Field repaired/replaced

Other observations:

Do I have your permission to confirm this information by looking at the lot? (Y/N)

did not want to sign
(Resident's Signature)

(Date)

(Resident's Name, Please Print)

Kemblesville Study Area
Franklin Township, Chester County
Sewage Needs Survey

TP 12-5-79

A survey is being conducted on behalf of Franklin Township to determine if there are any sewage problems and/or any related water supply concerns in this area. Survey results will not be used for enforcement actions.

Date 5/3/08 Weather CLOUDY 65° Surveyor STAN CORRETT

Name JIM BRADY Address 1703 NEW LONDON RD.
Phone 610 275 5588 Number Residents 1 Owner Renter

Lot Size 1.22 AC. Number Dwelling Units 1 Number Sewage Systems 1
Residential Use (Y/N) Commercial Use Both

Water Source (check) Public Well Spring Cistern Other
Well Type (check) Dug Drilled Depth ±200 feet Well Cased (Y/N) UNKNOWN
Distance between Well and Drain Field 50 feet. * Well Uphill (check) or Downhill
Water Treated (Y/N) How Treated WATER SOFTENER & CARTRIDGE FILTER
Water Tested (Y/N) When? APPROX 2004 Contamination (Y/N) What? N

Sewage System on Lot: (Check all that Apply)

<input checked="" type="checkbox"/> Septic Tank	<input checked="" type="checkbox"/> In-ground Bed	<input type="checkbox"/> Community Sewer
<input checked="" type="checkbox"/> Cesspool	<input type="checkbox"/> In-ground 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 Stream
<input type="checkbox"/> Privy	<input type="checkbox"/> Bore Hole	<input type="checkbox"/> Pipe to Surface
<input checked="" type="checkbox"/> Other <u>NOTE: TANK → CESSPOOL → BED</u>		

Laundry and/or Sink Water Disposal: (Check all that Apply) - SAME AS ABOVE

<input type="checkbox"/> Septic Tank	<input type="checkbox"/> In-ground Bed	<input type="checkbox"/> Community Sewer
<input type="checkbox"/> Cesspool	<input type="checkbox"/> In-ground 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 Stream
<input type="checkbox"/> Privy	<input type="checkbox"/> Bore Hole	<input type="checkbox"/> Pipe to Surface
<input type="checkbox"/> Other		

Age of Sewage System BED - 15 YRS Permitted? (Y/N) When? BED - 1993
TANK - 12 YRS TANK 1996

Observations about Sewage System: (Check all that Apply) - NONE

<input type="checkbox"/> Green Lush Grass	<input type="checkbox"/> Wetness or Spongy Areas
<input type="checkbox"/> Water Ponding or Surfacing	<input type="checkbox"/> System Overflow
<input type="checkbox"/> Sluggish Drains	<input type="checkbox"/> Waste Water Backing into Building
<input type="checkbox"/> Odors	<input type="checkbox"/> Other

Are above conditions seasonal or year-round ?
Last time observed? _____
Has system been pumped out? (Y/N) How often? ANNUALLY Last time 2007
If pumped, was it inspected for cracks? (Y/N) What part? _____
Tank repaired/replaced (Y/N) Line repaired/replaced? Drain Field repaired/replaced
Other observations: _____

Do I have your permission to confirm this information by looking at the lot? (Y/N)

(Resident's Signature)

(Resident's Name, Please Print)

5-3-08
(Date)

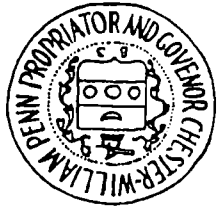
* DISTANCE TO CESS POOL - BED FURTHER AWAY

Appendix C

Chester County Health Department Correspondence



THE COUNTY OF CHESTER



COMMISSIONERS:
Carol Aichele
Terence Farrell
Kathi Cozzone

CHESTER COUNTY HEALTH DEPARTMENT
Chester County Government Services Center
601 Westtown Road, Suite 288
West Chester, PA 19380-0990
610-344-5938 FAX: 610-344-5934
www.chesco.org/health

JOHN P. MAHER, M.D., M.P.H.
County Health Director

MARGARET C. RIVELLO, M.B.A.
Public Health Administrator

MAY 17 2008

May 8, 2008

Mr. Steve Ross
Franklin Township
P.O. Box 118
Kemblesville, PA 19347

RE: Kemblesville Study Area

Dear Mr. Ross:

This letter is in response to Franklin Township's request for Chester County Health Department (CCHD) to evaluate the Kemblesville study area. The Kemblesville study area consists of the properties starting at the intersection of Peacedale Road and Route 896 extending south to the intersections of Route 896 and Good Hope Road and Appleton Road and Walker Road (see attached map).

A large portion of the properties within this study area are less than an acre in size. The residences within the study area are currently served by on-lot sewage disposal systems and individual drinking water wells. A majority of the on-lot sewage disposal systems in this area were installed before permits were required and are over 30 years old. This area consists of mostly residential properties. Non-residential or commercial uses within the study area consist of retail stores, restaurants, apartment buildings, a school, and a day care facility.

Soil testing performed by this Department has indicated that the soils in this area are generally suitable for on-lot sewage disposal. However, due to the limited size of the properties, it may not be possible to actually site an absorption area on the majority of the properties in the study area. (See attached list for properties less than an acre.)

This Department is aware of only two malfunctioning on-lot sewage disposal systems within this area on tax parcels 72-5-73 & 72-5-46. These failing systems are being maintained through routine pumping. Due to limited area on both of these sites it is CCHD's opinion that the only on-lot solution for these properties would be holding tanks.

Over the past few years this Department has received a number of calls inquiring about unsatisfactory certifications of on-lot sewage disposal systems in home sale transactions in this area. Certifications are inspections carried out by private companies to evaluate existing on-lot

Kemblesville Study Area
May 8, 2008

sewage disposal systems in order to complete real estate transactions. According to PA Department of Environmental Protection, an unsatisfactory certification does not constitute a regulatory malfunction. An unsatisfactory certification is only stating that an on-lot sewage disposal system is not operating within acceptable standards as established by the Pennsylvania Septage Management Association.

Certification reports are seldom submitted to this Department; therefore, we are unable to accurately account for all of the unsatisfactory certifications within the study area. In addition, to avoid a septic certification or to get around an unsatisfactory certification, a property can be sold "as is". The only parcel we currently know about having an unsatisfactory certification is tax parcel 72-5-72.

Since 1999 this Department has issued a total of eight permits within the study area. New permits were issued for two commercial properties (tax parcels 72-5- 41 and 56.3) and one residential property (parcel 72-5- 39.15). Repair permits were issued for tax parcels 72-5- 40, -47, -49, -63.1 & -69. Of the repairs made on these properties, only the repair for parcel number 72-5-49 required the use of best technical guidance (BTG) in order to site an on-lot sewage disposal system on this property. In this case, CCHD allowed the absorption area to be placed less than one hundred feet from the well on the property and required the well to be treated for bacteria and nitrates. On parcel 72-5-46.2, a site for an absorption area could not be found due to site limitations caused by existing wells on neighboring properties.

CCHD requests that Franklin Township include parcels 72-5-81.3 and 72-5-81.4 in the study area. Both parcels border the study area and are directly across from the proposed Echo Hill Farms Development. This request is the result of testing on parcel 72-5-81.3 that was conducted due to an unsatisfactory certification. Soil profiles revealed that the property is unsuitable for the majority of on-lot sewage disposal systems currently approved for use in Pennsylvania. Limiting zones were observed in the soil profiles at less than 10 inches of suitable soil. The only possible solutions for this property, when the septic system eventually fails, would currently be an evapo-transpiration bed with a green house, or holding tanks. Due to a large area of wetlands on parcel 72-5-81.3 and the location of the soil profiles along the common border of these two parcels, it is considered likely that the same site conditions exist on parcel 72-5-81.4. CCHD believes that it would be in the township's best interest to include these two parcels within the study area.

CCHD would like to emphasize that this area is not an overwhelming problem at the moment. However it does have the potential to become a sewage facilities challenge. CCHD believes that

Kemblesville Study Area
May 8, 2008

implementing a rigorous operation and maintenance program for the Kemblesville area would assist in avoiding potential sewage disposal problems within the study area. Planning to provide public sewerage facilities to serve this area within the next five to ten year is strongly recommended.

If you have any questions or comments please feel free to contact me at 610-869-0567.

Sincerely,

A handwritten signature in black ink, appearing to read 'Thomas S. Quinn', with a horizontal line extending to the right.

Thomas S. Quinn
Chester County Health Department

cc: Chester County Planning Commission
Franklin Township Planning Commission
URS Corporation (Stan Corbett) ✓
PA DEP



— STUDY AREA
SHADED

54

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

APPLETON RD

A

Parcels with in the Kembelsville Study Are which are under 1 acre in size:

<u>Parcel #(72-5-)</u>	<u>Parcel Size (acres)</u>
39.12	.55
42	.5
43.1	.99
44	.21
45	.41
46	.34
46.1	.36
46.2	.35
47	.43
48	.39
49	.53
51	.28
52	.22
53	.56
55	.93
56.2	.90
64	.32
65	.67
66	.26
67-u	.20
69	.88
71	.39
72	.48
73	.54
74	.18
75	.28
76.1	.77
77	.95
78	.44



"Quinn, Thomas S."
<tquinn@chesco.org>
05/12/2008 12:58 PM

To <stan_corbett@urscorp.com>
cc
bcc
Subject FW: Kemblesville Study Area

Stan,

In response to your e-mail.

From: Stan_Corbett@URSCorp.com [mailto:Stan_Corbett@URSCorp.com]
Sent: Friday, May 09, 2008 2:11 PM
To: Quinn, Thomas S.
Subject: Kemblesville Study Area

Tom,

Thank you for forwarding a copy of your May 8, 2008 letter regarding the Kemblesville study area.

Following is a list of parcels noted in the letter for which some clarification would be helpful, with our understanding of conditions noted for each:

1. Parcel No. 72-5-46 - you noted that this parcel has a malfunctioning sewage system. Door-to-door survey observations suggest that parcel 72-5-45 may instead be the one in question. Please confirm.

Upon review of the study area map and our records parcel 72-5-45 is the correct parcel that was intended to be referenced in the letter.

2. Parcel No. 72-5-72 - this was referenced in your letter as the only known unsatisfactory private certification. Our records suggest that this may instead be applicable to parcel 72-5-71. Please confirm.

Upon reviewing the limited information for this parcel and making a site visit the correct parcel to be referenced is 72-5-71.

3. Parcel 72-5-39.15 - CCHD records indicate permit issuance for a new residence on this parcel. This parcel is, however, not within the Kemblesville study area as currently defined. Please confirm that the parcel number is correct and the reference is accordingly not applicable.

Parcel 72-5-39.15 is correct and it is located outside of the study area as it is currently defined. It was mistakenly included due to its close proximity to the study area.

4. Parcel 72-5-40 - you had noted that a repair permit has been issued for this parcel, formerly the Kemblesville Elementary School and now under renovation for use by the Avon Grove Charter School. It is our understanding that the permit in question was for additional treatment tank capacity, as well as installation of a subsurface grease trap to accommodate kitchen wastes. The existing subsurface disposal area, which predated permitting records, has been deemed satisfactory by CCHD for a maximum building occupancy (students + staff) of 560 persons, based upon historical records of prior school occupancy and no apparent incidence of malfunction. The repair permit referenced was needed to rectify a shortfall of treatment tank capacity relative to projected flows from the 560 person occupancy. The school building is not yet occupied and tank installation remains outstanding. Please confirm that

this accurately describes your knowledge of current conditions on this parcel.

The permit for the Avon Grove Charter School is based on a maximum occupancy of 560 persons (students + staff) this was based on averaging prior school occupancy during the last five years it was in operation. A very vague certification inspection was conducted on this sewage disposal system at this parcel, which found the absorption area to functioning in a acceptable manner with no evidence of malfunction at the present or past. CCHD records confirm that no violation or malfunction have occurred in the past. In addition to this a site visit was made by CCHD which found no evidence of malfunction at the time of this Department's inspection. Although from the certification report it was discovered the septic tanks were under sized for the projected flows of the Avon Grove Charter School. The permit issued for the the Charter School allows for the installation of a grease trap and septic tanks to increase septic tank capacity to meet Chapter 73 requirements. At this time no work has commenced on the sewage disposal system at this parcel.

5. Parcel No. 72-5-56.3 - You indicated that a permit has been issued for a new commercial building on this parcel. This building was constructed for use as a retail pharmacy but remains vacant at this time. I believe the permit was issued for the minimum 200 gpd commercial flows, and included adequate provisions for a replacement area in accordance with Franklin Township requirements. Please confirm that this assessment is consistent with CCHD records.

Per CCHD records a permit for this parcel was issued and finalized for a commercial building with a flow of 200 gpd. A replacement area is not identified in the permit although an additional soil profile was conducted that isolates a seconded possible sewage disposal site on the property. A perc test was not conducted at this second site.

6. Parcel 72-5-56.4 - This was not specifically referenced in your letter, but we were unable to secure a response in the door-to-door survey and some additional information regarding CCHD records would be helpful. Based on our phone discussions and my recollection as former SEO for Franklin, this parcel contains a commercial building which houses both office space and a day care facility. CCHD had issued a permit for a subsurface disposal system with a maximum design flow of 920 gpd, and inspections conducted pursuant to licensing of the day care facility have not revealed any incidence of malfunction. Please confirm that this accurately summarizes CCHD records for this parcel.

Per CCHD records the permit for this parcel is for a commercial building with a maximum flow of 920 gpd. The parcel is currently occupied by a day care, which provides care for 54 children and has a staff of 8 employees, and a office space which use all of the 920 gpd capacity of this sewage disposal system. Per this Department's annual inspection of the parcel there is no evidence of a malfunction occurring at the property.

On behalf of Franklin Township, thanks again for your assistance.

Stan Corbett
Senior Planner
URS Corporation
1200 Philadelphia Pike
Wilmington, DE 19809
phone: (302) 791-0700 ext. 131
fax: (302) 791-0708
Stan_Corbett@URSCorp.com

Appendix D

Detailed Summary Chart of Sewage Needs Data

KEMBLESVILLE STUDY AREA - DETAILED SUMMARY OF EXISTING SEWAGE NEEDS DATA

<u>TAX PARCEL NUMBER</u>	<u>ACREAGE</u>	<u>SURVEY RESPONDENT CONDITIONS NOTED</u>	<u>CCHD CONDITIONS NOTED</u>	<u>URS SURVEYOR NOTES</u>	<u>MALFUNCTION CATEGORY</u>	<u>EXISTING EDUs (1)</u>	<u>WELL > 100' TO DISPOSAL AREA? (Y/N)</u>
72-5-39 12	0.55	NONE		AUTO REPAIR SHOP SERVED BY COMMUNITY SEWAGE SYSTEM ON 72-5-39 15 AND WELL ON 72-5-52	NO MALFUNCTION	1	Y
72-5-39 13	12.41	GREEN LUSH GRASS, WETNESS OR SPONGY AREAS, AND WATER PONDING OR SURFACING		PROPERTY IS SUBJECT OF LAND DEVELOPMENT PLAN AND HAS BEEN TESTED FOR NEW PRIMARY + REPLACEMENT SYSTEMS	CONFIRMED	1	N
72-5-39 14	1.04	N/A		VACANT PARCEL	N/A	0	N/A
72-5-40	14.11	NO RESPONSE	EXISTING ABSORPTION AREA DEEMED ACCEPTABLE FOR 560 PERSON SCHOOL OCCUPANCY PERMIT ISSUED FOR ADDITIONAL TREATMENT TANK CAPACITY TO SERVE NOTED OCCUPANCY	OLD KEMBLESVILLE ELEMENTARY SCHOOL BUILDING, CURRENTLY UNDER RENOVATION FOR FUTURE LOCATION OF AVON GROVE CHARTER SCHOOL	NO MALFUNCTION	26	Y
72-5-41	4.35	NONE	PERMIT ON RECORD FOR NEW SYSTEM TO SERVE PIZZA SHOP	2 HOMES PLUS PIZZA SHOP, SEPARATE SYSTEMS FOR EACH	NO MALFUNCTION	3	Y
72-5-42	0.53	NONE		RESPONDENT DID NOT WANT TO SIGN	NO MALFUNCTION	1	Y
72-5-43	2.15	NONE		APARTMENT HOUSE WITH 5 UNITS, CURRENTLY 4 RESIDENTIAL + 1 COMMERCIAL USE. NEW SYSTEM, WITH REPLACEMENT AREA, PERMITTED AND INSTALLED IN APPROXIMATELY 1985 PER OWNER.	NO MALFUNCTION	5	Y
72-5-43 1	0.99	NO RESPONSE		2 EDU'S APPARENT (RESIDENCE AND AUTO REPAIR SHOP)	INSUFFICIENT DATA	2	INSUFFICIENT DATA
72-5-44	0.21	NONE		PER OWNER, NEW SYSTEM PERMITTED AND INSTALLED IN 1998 UNDER BTG WITH AEROBIC TANK, PRESSURE DOSED BED, AND BULL RUN VALVE TO CESSPOOL	SUSPECTED	1	N
72-5-45	0.41	NO RESPONSE	MALFUNCTION OBSERVED	GREEN LUSH GRASS, WATER PONDING OR SURFACING NOTED FROM ADJACENT PARCEL NUMBER OF EDUs INFERRED FROM PRESENCE OF AT LEAST 1 RENTAL UNIT + BUSINESS OFFICE	CONFIRMED	2	INSUFFICIENT DATA
72-5-46	0.34	NO RESPONSE		PARCEL CONTAINS BARN ONLY, NO RESIDENCE OR SEWAGE SYSTEM	INSUFFICIENT DATA	1	INSUFFICIENT DATA
72-5-46 1	0.36	N/A		HOUSE VACANT	N/A	0	N/A
72-5-46.2	0.35	NONE	RECORDS INDICATE TESTING CONDUCTED FOR REPLACEMENT SYSTEM, NO PERMIT ISSUED DUE TO ISOLATION DISTANCE LIMITATIONS	CESSPOOL, SEPARATE GREY WATER DISCHARGE TO GROUND SURFACE	CONFIRMED	1	N
72-5-47	0.43	GREEN LUSH GRASS	SUBJECT OF REPAIR PERMIT	REPAIR PERMIT WAS FOR TREATMENT TANK INSTALLATION	SUSPECTED	1	N
72-5-48	0.39	NONE		SEPARATE SUBSURFACE GREY WATER SYSTEM BOTH CESSPOOL AND SUBSURFACE BED FOR SEWAGE DISPOSAL	SUSPECTED	1	N
72-5-49	0.53	NO RESPONSE	REPAIR PERMIT ISSUED WITH BTG USED FOR ISOLATION DISTANCE ENCROACHMENTS	SERVED BY COMMUNITY SEWAGE SYSTEM ON 72-5-39 15	POTENTIAL	1	N
72-5-51	0.28	NO RESPONSE			INSUFFICIENT DATA	1	INSUFFICIENT DATA
72-5-52	0.22	NONE			NO MALFUNCTION	1	Y
72-5-53	0.56	NO RESPONSE			INSUFFICIENT DATA	1	INSUFFICIENT DATA
72-5-54	1.08	NONE		NEW SYSTEM INSTALLED CIRCA 1996	NO MALFUNCTION	1	Y
72-5-55	0.93	NO RESPONSE			INSUFFICIENT DATA	1	INSUFFICIENT DATA

KEMBLESVILLE STUDY AREA - DETAILED SUMMARY OF EXISTING SEWAGE NEEDS DATA

TAX PARCEL NUMBER	ACREAGE	SURVEY RESPONDENT CONDITIONS NOTED	CCHD CONDITIONS NOTED	URS SURVEYOR NOTES	MALFUNCTION CATEGORY	EXISTING EDUs (1)	WELL > 100' TO DISPOSAL AREA? (Y/N)
72-5-56	1.21	NO RESPONSE		HOUSE VACANT - PROPERTY WAS SUBJECT OF LAND DEVELOPMENT PROPOSAL WITH APPROVED NEW PRIMARY AND REPLACEMENT ABSORPTION AREAS	INSUFFICIENT DATA	1	Y (NEW AREAS) N (CESSPOOL)
72-5-56.2	0.91	NO RESPONSE		NO RESPONDENT - A + MINI MARKET / SUNOCO PROPERTY	INSUFFICIENT DATA	1	Y
72-5-56.3	2.71	NO RESPONSE	RECENTLY CONSTRUCTED COMMERCIAL BUILDING WITH PERMIT FOR 200 GPD SYSTEM	VACANT COMMERCIAL BUILDING	NO MALFUNCTION	1	Y
72-5-56.4	2.7	NO RESPONSE	920 GPD SUBSURFACE SYSTEM PERMITTED FOR COMMERCIAL BUILDING HOUSING DAY CARE FACILITY AND OFFICE SPACE. NO MALFUNCTION OBSERVED PER ANNUAL INSPECTIONS	COMMERCIAL BUILDING	NO MALFUNCTION	2	Y
72-5-63.1	3.75	NO RESPONSE	SUBJECT OF REPAIR PERMIT		INSUFFICIENT DATA	1	INSUFFICIENT DATA
72-5-64	0.32	NONE		CESSPOOL	SUSPECTED	1	N
72-5-65	0.68	NONE		3 EDUs - HOUSE AND TWO APARTMENTS	NO MALFUNCTION	3	N
72-5-66	0.4	N/A		VACANT PARCEL OWNED BY VERIZON	N/A	0	N/A
72-5-67		NO RESPONSE		VERIZON BUILDING - NO RESPONDENT	INSUFFICIENT DATA	1	INSUFFICIENT DATA
72-5-69	0.73	NONE	SUBJECT OF REPAIR PERMIT		NO MALFUNCTION	1	Y
72-5-70E	5.13	NONE		TOWNSHIP BUILDING W/ 3 FULL-TIME STAFF	NO MALFUNCTION	1	Y
72-5-70.1	7.18	NONE			NO MALFUNCTION	1	Y
72-5-70.3E	1.22	NONE		POST OFFICE	NO MALFUNCTION	1	Y
72-5-70.4	1.08	NONE		SEPARATE LAUNDRY DISCHARGE	SUSPECTED	1	Y
72-5-71	0.39	WATER PONDING OR SURFACING	RECENT FAILED PRIVATE CERTIFICATION	VALVE TO SWITCH LAUNDRY DISCHARGE FOR LANDSCAPING IRRIGATION	CONFIRMED	1	N
72-5-72	0.48	NONE		2 DETACHED RESIDENCES ON PARCEL SERVED BY COMMON CESSPOOL, WITH SEPARATE SEEPAGE PIT GREYWATER DISPOSAL	SUSPECTED	2	INSUFFICIENT DATA
72-5-73	0.54	NONE	MALFUNCTION OBSERVED	2 ATTACHED DWELLING UNITS, SEPARATE GREYWATER DISCHARGE (PIPE TO DITCH) PER OWNER. SURFACE MALFUNCTION NOT EVIDENT AT TIME OF SURVEY	CONFIRMED	2	N
72-5-74	0.18	NO RESPONSE			INSUFFICIENT DATA	1	INSUFFICIENT DATA
72-5-75	0.28	GREEN LUSH GRASS			SUSPECTED	1	N
72-5-76.1	0.77	NONE			NO MALFUNCTION	2	Y
72-5-77	0.95	NO RESPONSE		3 DETACHED RESIDENTIAL DWELLING UNITS - EACH SERVED BY SEPARATE SYSTEM	INSUFFICIENT DATA	1	INSUFFICIENT DATA
72-5-78	0.44	NONE		RESPONDENT DID NOT WANT TO SIGN SURVEY FORM	NO MALFUNCTION	1	INSUFFICIENT DATA
72-5-79	1.22	NONE			NO MALFUNCTION	1	N
72-5-80.5	1.03	N/A		VACANT PARCEL	N/A	0	N/A
TOTAL EXISTING EDUs						80	

(1) One EDU = 262.5 gpd., 60% of Chapter 73 peak flows used to derive number of EDUs for 72-5-40 and 72-5-56.4

AD PRO INC.

- The Chester County Press

P.O. Box 520 • Oxford, PA 19363

State of Pennsylvania ss:
Chester of Chester

Randy S. Liberman being duly affirmed according to law, declares and says that he is one of the managers of the Chester County Press in said County and State; that the printed notice, a copy of which is securely attached hereto, was published in said paper on the following dates:

6/18/08

that your affiant is not interested in the subject matter of the notice so published and that all of the allegations of this statement as to time, place and character of publication are true

Melissa A. Maurits

Affirmed and subscribed before me this 18th day of June, 2008

PUBLIC NOTICE

In accordance with the requirements of Title 25, Chapter 71 of the Pennsylvania Code, Franklin Township is accepting written comments over the next

30 days on the Official Sewage Facilities Plan Special Study of the Kemblesville study area in Franklin Township. This Plan provides an analysis of existing sewage conditions in the Kemblesville area. The Plan can be reviewed at the address below.

All written comments must be submitted within 30 days of the date of publication of this notice to:

Stephen J. Ross,
Township Manager
Franklin Township
P.O. Box 116
20 Municipal Drive
Kemblesville, PA
19347

RECEIVED

JUN 19 2008

AD PRO CORPORATION

COMMONWEALTH OF PENNSYLVANIA

NOTARIAL SEAL

MELISSA A. MAURITS, Notary Public
Penn Twp., Chester County
My Commission Expires February 3, 2012

NO WRITTEN COMMENTS WERE RECEIVED
PURSUANT TO THE PUBLIC NOTICE.

Appendix F

Resolution of Adoption by the Franklin Township Board of Supervisors

RESOLUTION NO. 2008-15

A RESOLUTION OF ADOPTION FOR AN
ACT 537 OFFICIAL SEWAGE FACILITIES PLAN SPECIAL STUDY
FRANKLIN TOWNSHIP

Resolution of the Supervisors of Franklin Township, Chester County, Pennsylvania.

WHEREAS Section 5 of the Act of January 24, 1966, P.L. 1535, No. 537 known as the "Pennsylvania Sewage Facilities Act", as amended, and the Rules and Regulations of the Pennsylvania Department of Environmental Protection ("the Department") adopted thereunder, Chapter 71 of Title 25 of the Pennsylvania Code, required municipalities to adopt an Official Sewage Facilities Plan for the provision of adequate sewage systems and to revise said plan from time to time as may be necessary, and

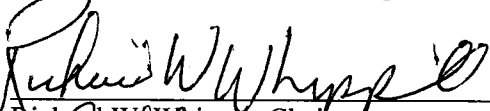
WHEREAS, Franklin Township has prepared said Sewage Facilities Plan and has found it adequate for the wastewater disposal and management needs of the planning area.

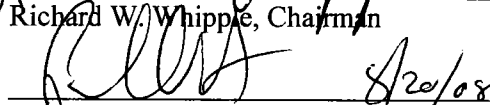
NOW, THEREFORE, BE IT RESOLVED that Franklin Township hereby adopts the plan known as the Franklin Township Official Sewage Facilities Plan Special Study, Kemblesville Study Area Sewage Needs Analysis, dated June 5, 2008 and last revised August 12, 2008. The Franklin Township Board of Supervisors hereby assures the Department of the proper and timely implementation of said Plan as set forth herein.

The Plan provides an analysis of existing on-lot sewage system conditions in the planning area generally encompassing the Village of Kemblesville. Confirmed and suspected on-lot sewage system malfunctions, as defined by the Department's document entitled "Act 537 Sewage Disposal Needs Identification", represent an estimated 17% and 23% of the parcels in the planning area respectively. Chester County Health Department correspondence incorporated in the Special Study further documents that observable malfunctions appear to be adequately mitigated through regular treatment tank pumping. Additional sewage facilities planning as may be needed for the planning area is provided for by the Stipulation of Parties and Counsel Agreement approved by an Order of the Chester County Court of Common Pleas in September 2006, which specifies a developer funded regional wastewater system to serve the planning area and adjacent development lands.

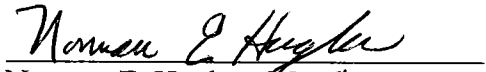
Adopted this 20th day of August, 2008.


Franklin Township Board of Supervisors


Richard W. Whipple, Chairman


Paul Overton, Vice Chairman


Eric Brindle, Member


Norman E. Hughes, Member


Nancy A. Latimer, Member

Attest:

SEAL:

