



www.CalumetSTEP.com

July 11, 2022

Re: Calumet Township Septic Tank Elimination Project (STEP)

To: Property Owner

VS Engineering, Inc., a local engineering firm, is working on the design of the upcoming sanitary sewer project in your neighborhood. The project will provide sanitary sewer main pipes in your roadway and a service connection to your home at a specified location. This connection may also include installation of a grinder pump station in your front yard area depending on your location within the project limits. The connection and all associated installed equipment will be paid for by Lake County.

On behalf of Lake County, we are sending you this letter, informational material, and a short questionnaire. We are asking that you please do the following:

1. Fill out the questionnaire on the yellow pages.
2. Mark the locations of the items asked for on the aerial map.
3. **Return the completed questionnaire and marked-up aerial map in the stamped envelope provided no later than August 15, 2022.**

It is important we receive the information requested from each property owner to assure the lateral connection to your home is placed in the most effective location to serve you and your family. If we do not receive a response, we will select a location for your lateral during the design process.

If you have any questions about this questionnaire or the Calumet STEP in general, please visit www.CalumetSTEP.com. There, you will find constantly updated information about the project including a list of Frequently Asked Questions. If you have additional questions or require information not presented on the site web page, please click on the page's "Contact Us" link and fill out the form with your information. We will respond to you as soon as possible.

STEP Information:

- The project is in the design phase which involves surveying your neighborhood, including the elevation of each home's first floor from the outside of the house. There is no reason for anyone related to this project to enter your home. If a special circumstance requires entry, you will be notified by either VS Engineering, Inc. or Lake County, IN. Please see the enclosed Notice Of Survey document for additional information.
- Other activities that will be occurring in the neighborhood include marking of utilities, surveying and taking samples of the soil and pavement within the public right of way.



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EDUCATIONAL MATERIAL



Please note: Septic systems vary. Diagram is not to scale.

Conventional Septic System



Septic Tank



Grinder Pump Station



Cleanout



Manhole



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CALUMET STEP QUESTIONNAIRE

PROPERTY STREET ADDRESS: _____

General Instructions:

- The questionnaire and map on the yellow pages should be filled out by the property owner. Phone number and email information collected by this questionnaire will be used solely for the purposes of this project.
- Please answer all applicable questions to the best of your ability using blue or black pen.
- **Return this completed questionnaire and marked-up diagram of your property in the stamped return envelope provided no later than August 15, 2022.**

1. How long have you lived in your home? _____ Years			
2. How many people live in your home? _____ People			
3. Are you connected to municipal water?		Yes	No
4. How is your house constructed?			
Basement / Walk-Out Basement / Crawlspace / Slab on Grade / Split Level			
5. For Basements, Walk-Out Basements and Split Level homes, do you have any plumbing fixtures on the lowest level of your home below ground?		Yes	No N/A
6. If yes to #5, please circle what type of fixtures you have? (Circle all that apply)			
Toilet / Shower / Sink / Floor Drain / Laundry Facility			
Other: _____			
7. If yes to #5, do you have a sewage pump or grinder pump? (Note: a sewage/grinder pump is different from a sump pump)		Yes	No Don't Know
8. Do you have an invisible fence, underground sprinkler system, geothermal system, or any other underground facilities on your property? If so, please explain.			



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9. Do you have any flooding/drainage issues in your front yard? If so, please describe.

If you have any other general comments or require additional space, please explain below.

Questionnaire Completed By: _____ Date: _____
(Please print)

Contact Information: Phone: _____ Email: _____



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MAP INSTRUCTIONS

- **Using a pen or marker, show the approximate locations of the following (if known):**
 - **Water Well [Label as WW].** Show the location of your water well if your drinking water comes from your own well and you do not have municipal water.
 - **Septic Tank [Label as ST].** This tank should be completely buried, but there may be a small metal or plastic cover at the surface for access.
 - **Cleanout [Label as CO].** This would be a small pipe sticking up slightly out of the ground that is used to clean the lateral pipe. Not every house will have a cleanout.
 - **Lateral from House to Septic Tank [Label as LAT].** This would likely be a pipe that leaves the lower level or crawl space of your house and goes underground toward the septic tank.
 - **Finger System (Septic Tank Absorption Field) [Label as FS].** A finger system or absorption field usually covers a big area. It is made up of buried pipes. We only need the approximate area of the finger system, not every pipe in the system OR
 - **Septic Mound [Label as SM].** A mound made up of sand and buried pipes, usually replacing a finger system (see above). Please sketch the general size and location of the mound in relation to your home.

Note: We are not asking you to 'dig up' anything on your property to locate the above features. Please mark what you know.

- **Using a pen or marker, show the Preferred Location of Your Future Lateral Connection:**
 - Mark the location at your home with an "X" where you would like Lake County's contractor to put the sewer lateral connection.
 - Careful consideration should be given to where you ask Lake County to provide the lateral connection so that: 1) the new lateral across your property is as short as possible and 2) can be installed with minimal damage to existing trees, driveways, sidewalks, landscaping, and so on.
 - The location you provide on the aerial map will be marked with a wooden stake during construction by Lake County's contractor. You will have the opportunity at that time to discuss the location with VS Engineering and Lake County's contractor and your own general contractor/plumber (if you wish). It may be possible at that time to make minor adjustments to the location if required.
 - All internal plumbing modifications or alterations will be the responsibility of the home owner.



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PROPERTY LAYOUT

1. Indicate the direction of North.
2. Label the following if applicable (see included Sample Map exhibit for detailed information)

WW = Water Well

ST = Septic Tank

P = Sump Pump Discharge

CO = Septic System Clean Out

E = Electrical Panel

LAT = Existing Septic Tank Lateral

FS = Finger System

SM = Septic Mound

PLAT = Preferred Location of
Future Lateral

Property Line

The diagram shows a large rectangular area representing a property, outlined by a thin black line. Inside this area, towards the bottom center, is a smaller rectangle labeled "House". Below the property line, there is a horizontal line representing the "Street". The text "House" is centered within its rectangle, and "Street" is centered below the horizontal line.

PROPERTY LAYOUT (SAMPLE)

1. Indicate the direction of North.
2. Label the following if applicable (see included Sample Map exhibit for detailed information)

WW = Water Well

ST = Septic Tank

P = Sump Pump Discharge

CO = Septic System Clean Out

E = Electrical Panel

LAT = Existing Septic Tank Lateral

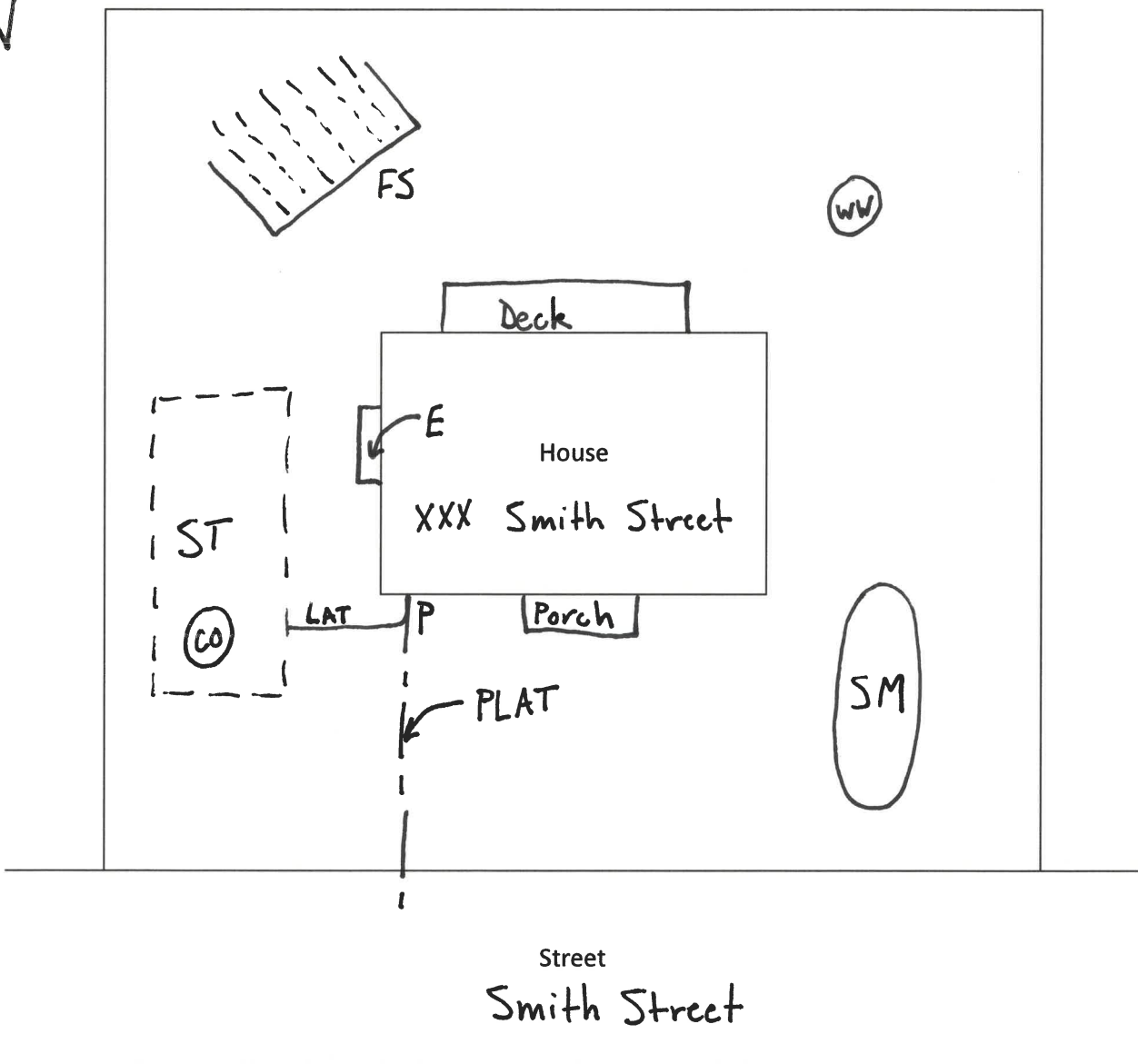
FS = Finger System

SM = Septic Mound

PLAT = Preferred Location of
Future Lateral



Property Line





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July 11, 2022

Re: Calumet Township Septic Tank Elimination Project (STEP)
Notice of Land Survey

NOTICE OF SURVEY

Dear Property Owner:

Available records indicate that you own or occupy property near or adjacent to a proposed sanitary sewer project. The Calumet Township Septic Tank Elimination Project (STEP) is proposed to eliminate the usage / need for your existing septic system. The STEP project will provide your property with a more viable sanitary sewer system. Lake County has hired the engineering firm VS Engineering, Inc. to perform a survey of the project area. In the near future, it may be necessary for them to access your property to complete the work. This is permitted by law per Indiana Code IC 8-23-7-26. Employees from VS Engineering will show their identification before coming onto your property.

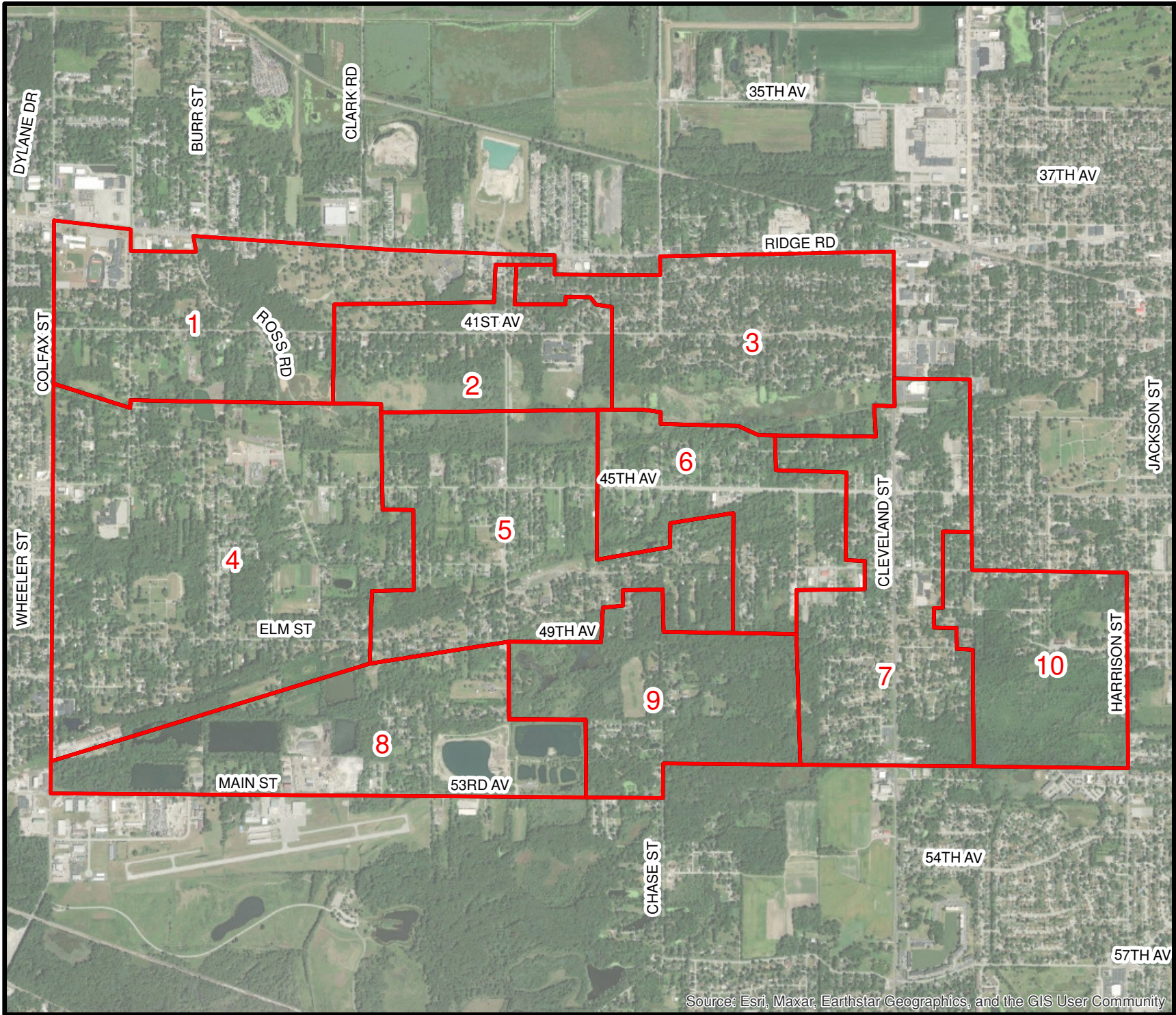
The survey work will include mapping the location of features (i.e., septic tanks, wells, water service meters, trees, buildings, fences, utilities, driveways, etc.), obtaining ground elevations and finish floor elevations. The survey is needed to depict existing conditions for the proper planning and design of the STEP project. At this stage, we do not know what impact, if any, our project may have on your property, but we will contact you when we have additional information. Please note that there is no reason why anybody associated with this project would need to enter your home.


Please be assured of our sincere desire to cause you as little inconvenience as possible during this survey. If you have any questions or if any problems do occur, please contact Matthew Healy at the telephone number or address shown below.

Sincerely,

A handwritten signature in blue ink, appearing to read "M. Healy", with a checkmark at the end.

Matthew Healy, PS
Director of Survey & Right of Way
VS Engineering, Inc.
4275 North High School Road
Indianapolis, IN 46254
(317) 293-3542 ext 140
mhealy@vsengineering.com



Legend
 Basin



**Overall
Project Limits**

July 2022

**Calumet
Township**

