Septic Issues: Collaborative Solutions

Report from the Steering Committee March 31, 2019



Septic Issues : Collaborative Solutions

"Promoting fair, consistent, and economically feasible implementation in addressing waste water issues now and in the future."

Report from the Steering Committee - March 31, 2019

The intent of updating the original 2014 report is to keep septic/sewer issues in the planning process, show the incredible potential that exists to address septic issues, and promote the collaborative dialogue that has advanced our years of work thus far. This report is a planning tool for addressing septic /sewer issues as they arise and as DeKalb County continues to develop.

Areas of Concern:

The "areas of concern" regarding septic systems and septic issues within the county has also been updated. These identified areas were selected in part using the following criterion:

- 1. The concentration of existing septic systems in the area
- 2. The age of existing septic systems in the area
- 3. The number of documented septic system failures/issues in the area
- 4. The availability of sewer connection and its proximity to the area

(For more information, see "Living, Buying, Building in an Identified Area of Concern for Septic Issues")

It is important to note the Areas of Concern are not prioritized for systematic sewer connection. By overlapping the identified areas of concern on a GIS map with information collected from each city and town in the county regarding their potential service area for sewer connection, the areas with greatest opportunity become obvious. This method of reporting benefits the community as it intentionally works to address septic/sewer issues and as development creates opportunities to do so.

Potential Service Areas

As done in 2014, members of the Steering Committee scheduled and met with planners and representatives from each city and town in DeKalb County. These visits provided the opportunity to discuss the County's current septic ordinance adopted in August of 2017 and what had changed since the 2014 report. Specifically, we clarified jurisdictional boundaries, current sewer capacity, progress on storm/sewer separation, and requirements for sewer connection within their area of jurisdiction.

One item that emerged from these visits was that planning jurisdiction of a city or town did not necessarily define where they had interest in providing sewer. As a result, we asked each to provide us with their "potential service area" based on where they have or would have interest in providing sewer. This is the area identified for each on the maps included in this report.

Thank you to all those who assisted in completing this important work.

The Steering Committee Septic Issues: Collaborative Solutions



Septic Issues: Collaborative Solutions

2018 - Auburn, Indiana

Living, Buying, Building in an Identified Area of Concern for Septic Issues

(11/29/2018 update)

The Septic Issues Steering Committee has updated its 2014 report "Septic Issues – Collaborative Solutions". This was done as part of their on-going work to provide local decision makers with accurate information to make informed decisions regarding septic/sewer issues in DeKalb County.

For the 2018 update, the Steering Committee identified 23 areas of concern in the county. The following criterion was used in part to identify these areas:

- The number/concentration of septic systems in an area (the higher the concentration of systems the more likely to be identified as an area of concern)
- The age of the systems in an area (the older the systems the more likely to be identified as an area of concern)
- The number of documented septic issues on record for an area at the DeKalb County Health Department (the higher number of issues the more likely to be identified as an area of concern)
- The availability of existing or planned sewer lines to the identified area (the closer to existing or planned sewer lines the more likely to be identified as an area of concern)

Why were these areas identified?

These areas were identified for planning and decision making purposes only. For example, if suddenly there is an increase in the number of failed septic systems in an identified area perhaps it would be more economical long-term to provide sewer to the area than have each individual home owner replace their septic system. Another example would be if new development is occurring and sewer is being extended to an area adjacent to one of the identified areas. The most economical time to provide sewer to individual homes along the route of the new sewer is during the construction phase.

Have these areas been prioritized for systematic sewer connection?

At the time of this revision, there is no plan that prioritizes these areas for connecting these 23 identified areas to sewer.

What happens if you live in one of the identified areas?

Nothing at this time unless you experience septic system failure, you plan to sell your home, or a development project creates the opportunity to connect your home to sewer. If you experience a septic system failure or as part of selling your home a septic system issue is discovered current DeKalb County Health Department Rules and Regulations apply.

What happens if you want to buy a home in one of the identified areas?

Nothing unless an issue with the septic system is discovered as part of an inspection process to purchase the property or a development project creates the opportunity to connect the home to sewer. If septic system issues are discovered during the inspection process current DeKalb County Health Department Rules and Regulations apply.

What happens if I want to build in one of the identified areas?

If you want to build and <u>sewer connection is not an option</u> current DeKalb County Health Department Rules and Regulations apply.

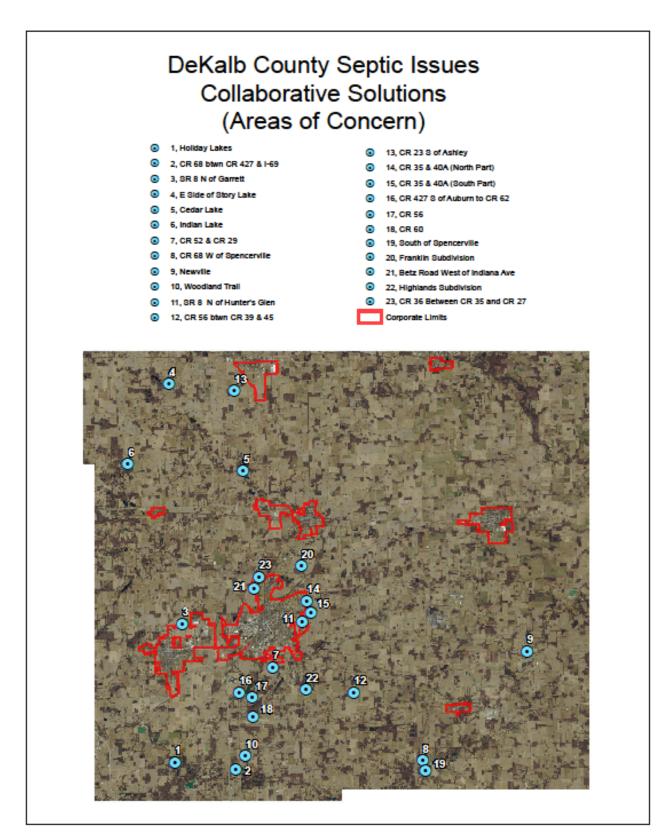
If you want to build and <u>sewer connection is an option</u> current DeKalb County Health Department Rules and Regulations apply.

If you build and <u>sewer connection becomes available</u> you will be required to connect unless you opt to go through the waiver process. If your septic system is 20 or fewer years old and passes a Certified Septic System Inspection through the DeKalb County Health Department, you are eligible to apply for a waiver from connecting to sewer. The waiver is good for 5 years at which another Certified Inspection would be required to continue the waiver. At any time if the system fails, fails to pass a certified inspection, <u>or</u> the house transfers ownership, connection to sewer will be required. Waivers are not transferable between property owners.

If you have questions regarding living, buying, or building a home in one of the identified areas of concern contact the DeKalb County Health Department at (260) 925-2220.

Septic Issues: Collaborative Solutions

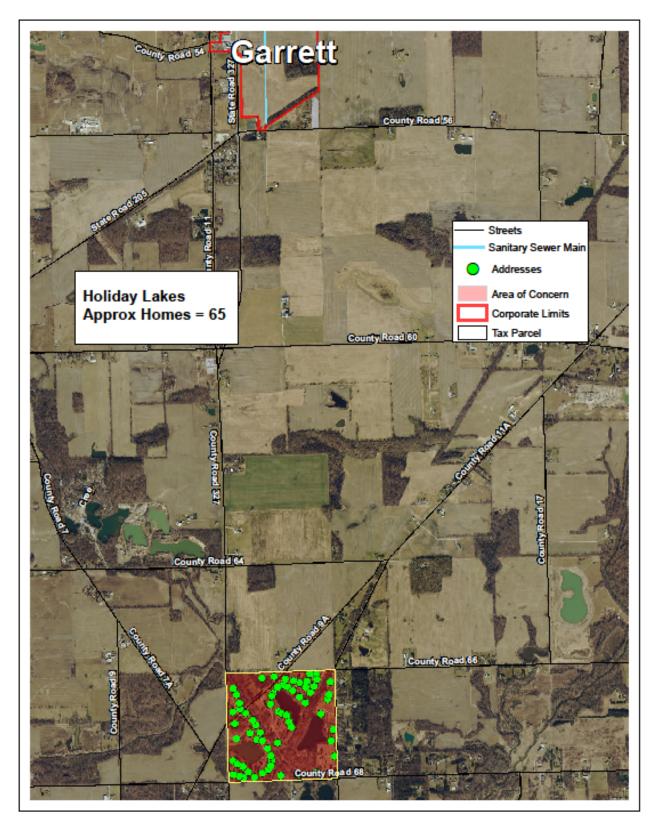
Areas of Concern March 31, 2019



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Holiday Lakes

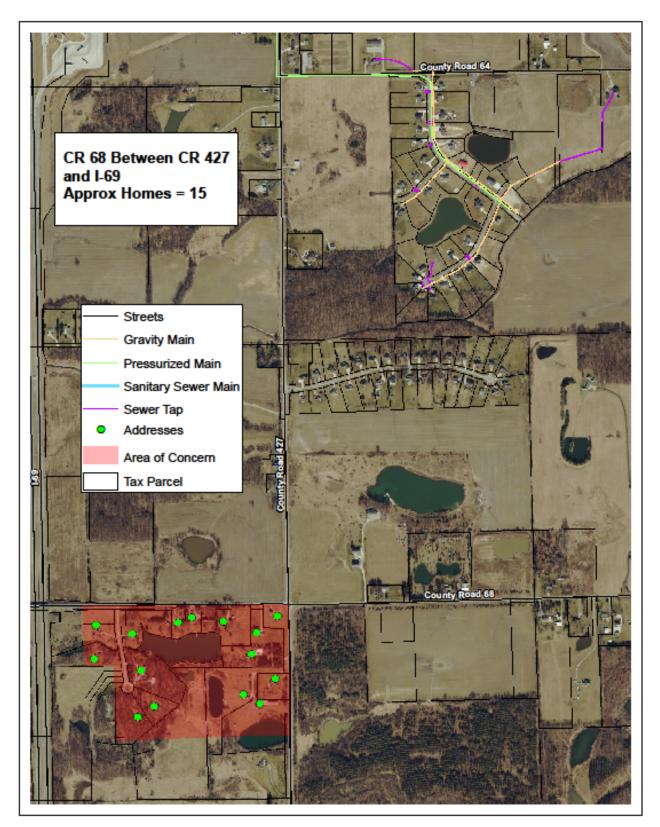
- Availability: Sewer availability from the City of Garrett is an estimated 15,850 feet to the north of the SW corner of the Holiday Lakes Subdivision. Alternative options may also be available for consideration.
- Potential Number of Homes Affected: 65
- Documented Septic Issues: Twenty years is considered the average life of a properly functioning septic system. Most homes in this addition were built in the 1970's and 1980's. Many lots are less than 1 acre in size making repair or replacement of an existing septic system nearly impossible. Many properties cannot be associated with a septic system permit on file with the DeKalb County Health Department. Several homes utilize a jet aeration septic system with no soil absorption field. This type of system results in discharge of sewage off property of origin.
- Additional Info:



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Co. Rd. 68 between Co. Rd. 427 & I-69

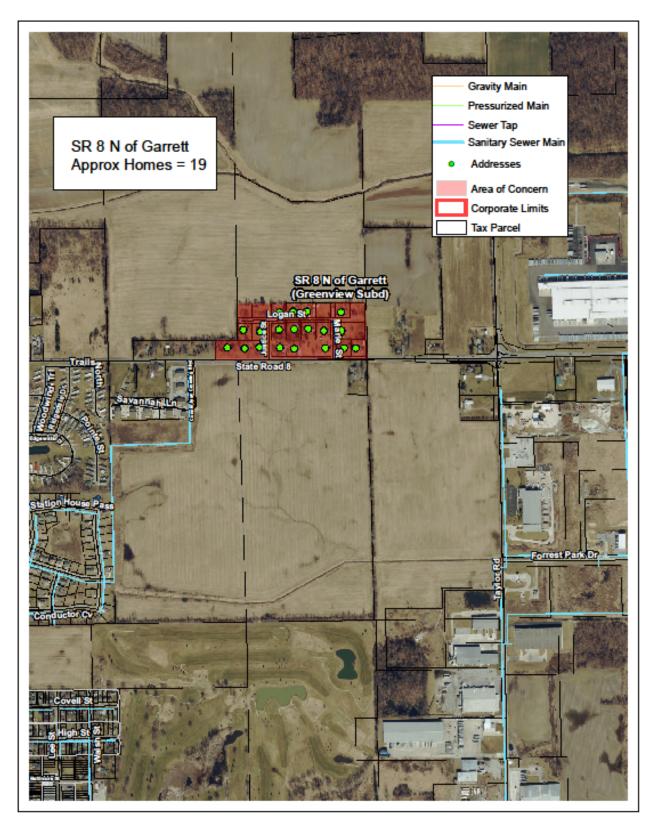
- Availability: Sewer extended south from the intersection of Co. Rd. 427 and Co. Rd. 64 or from Woodland Trails' entrance should it be connected to sewer from the east vie Diamond Lake Estates
- Potential Number of Homes Affected: 15
- Documented Septic Issues: Twenty years is considered the average life of a properly functioning septic system. Most homes in this area were built in the 1970's and 1980's. Many lots are less than 2 acres in size limiting the options for repair or replacement of an existing septic system. Many properties cannot be associated with a septic system permit on file with the DeKalb County Health Department. Several homes utilize a jet aeration septic system with no soil absorption field. This type of system results in discharge of sewage off property of origin.
- Additional Info:



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St. Rd. 8 N of Garrett- Greenview Subdivision

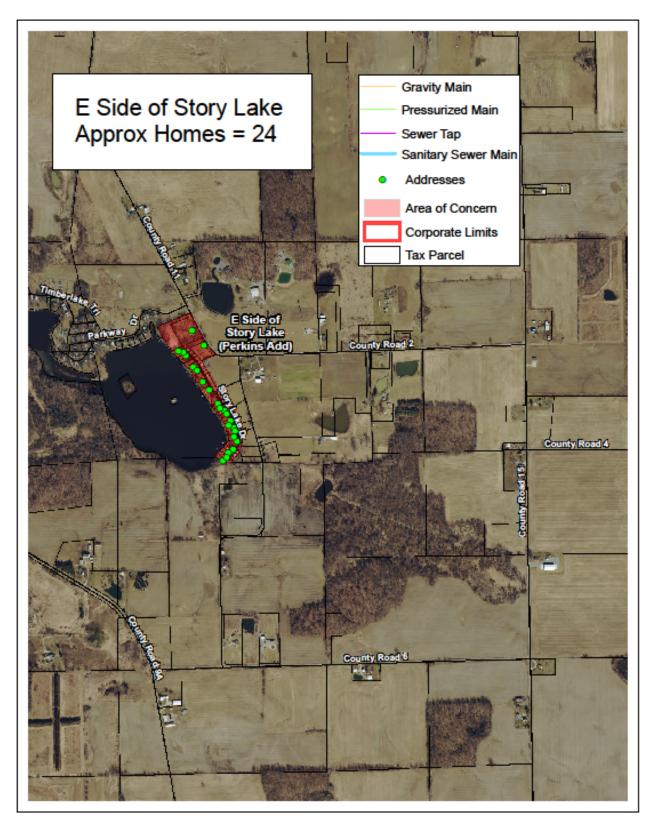
- Availability: Sewer available approx. 380 feet to the west on the south side of St. Rd. 8.
- Potential Number of Homes Affected: 19
- Documented Septic Issues: Twenty years is considered the average life of a properly functioning septic system. Most homes in this addition were built in the 1970's and 1980's. Many lots are less than 1 acre in size making the repair or replacement of an existing septic system nearly impossible. Many properties cannot be associated with a septic system permit on file with the DeKalb County Health Department. Several homes utilize a jet aeration septic system with no soil absorption field. This type of system results in discharge of sewage off property of origin.
- Additional Info:



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East side of Story Lake - Perkins Addition

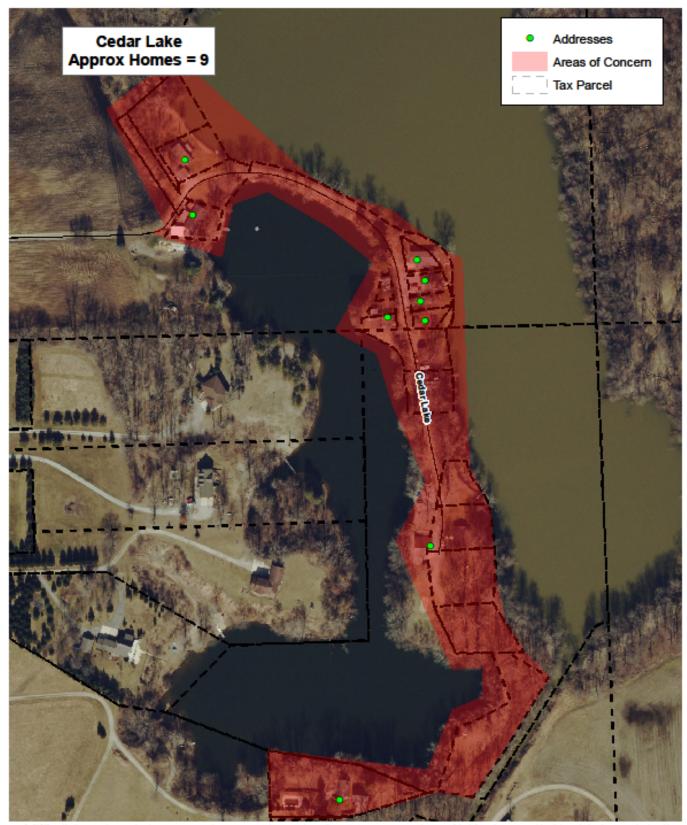
- Availability: Possibly from the Town of Ashley sewer service to Country Meadows School. Available connection an estimated 15,700 feet to the east at the intersection of Co. Rd. 23 & Co. Rd. 4. Alternative options should also be considered.
- Potential Number of Homes Affected: 24
- Documented Septic Issues: Twenty years is considered the average life of a properly functioning septic system. Most homes in this addition were built in the 1960's thru the 1980's. Many lots are less than .5 acre in size making repair or replacement of an existing septic system nearly impossible. Many properties cannot be associated with a septic system permit on file with the DeKalb County Health Department. Several homes utilize a jet aeration septic system with no soil absorption field. This type of system results in discharge of sewage off property of origin.
- Additional Info:



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Cedar Lake

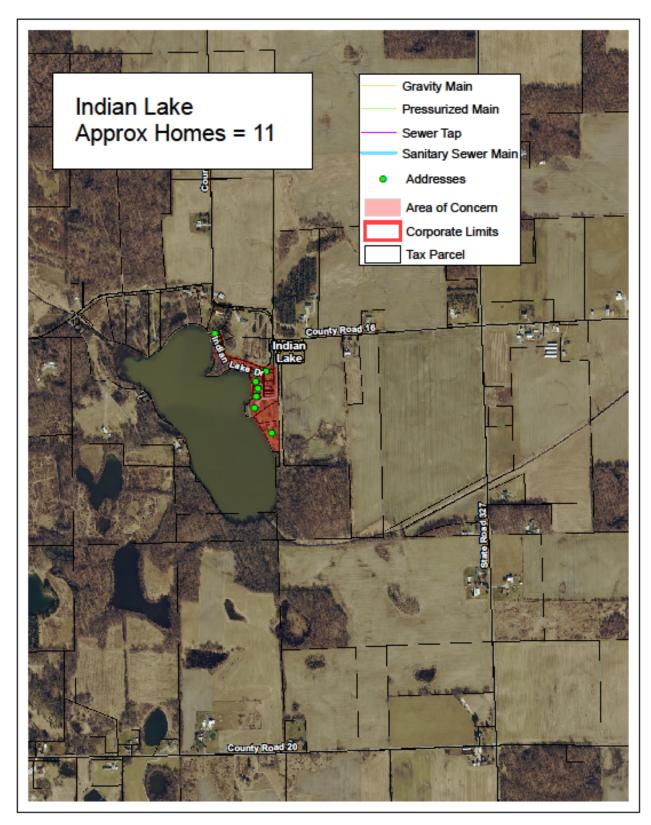
- Availability: Possibly through the Town of Waterloo sewer service west of I-69 along US. 6. There would be a significant distance that sewer lines would need to be extended. Alternative options should be considered also.
- Potential Number of Homes Affected: 9
- Documented Septic Issues: Twenty years is considered the average life of a properly functioning septic system. Most homes in this area were built in the 1960's and 1970's on fill material that is unfit for septic system absorption fields. Many lots are less than .5 acres in size making repair or replacement of an existing septic system impossible. Many properties cannot be associated with a septic system permit on file with the DeKalb County Health Department. Several homes utilize a jet aeration septic system with no soil absorption field. This type of system results in discharge of sewage off property of origin.
- Additional Info:



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Indiana Lake

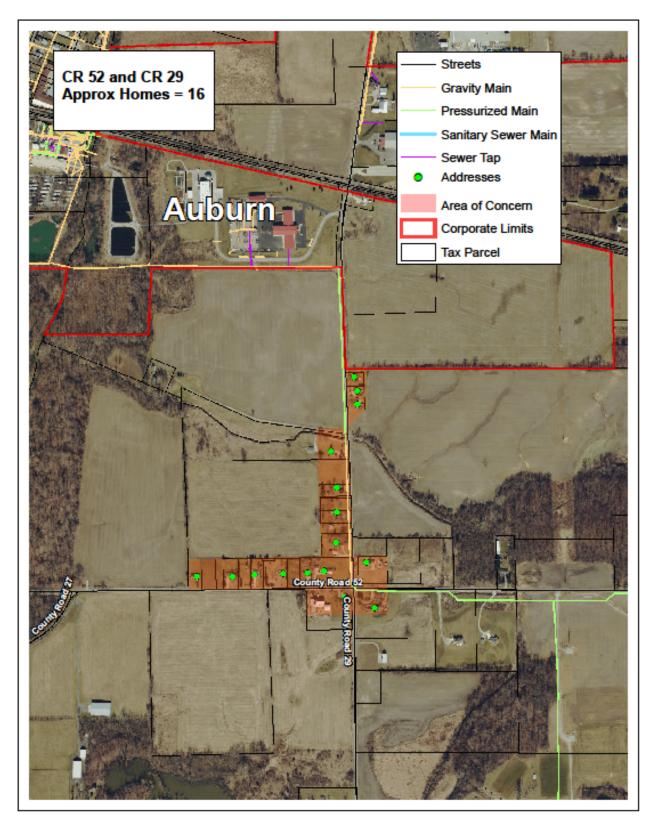
- Availability: Connecting to existing city or town sewer systems or sewer districts is not an option. Alternative options will need to be investigated.
- Potential Number of Homes Affected: 11
- Documented Septic Issues: Twenty years is considered the average life of a properly functioning septic system. Most homes in this area were built in the 1970's thru the 1990's. Many lots are less than 1 acre in size making repair or replacement of an existing septic system nearly impossible. Many properties cannot be associated with a septic system permit on file with the DeKalb County Health Department. Several homes utilize a jet aeration septic system with no soil absorption field. This type of system results in discharge of sewage off property of origin.
- Additional Info:



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Co. Rd. 52 and Co. Rd. 29

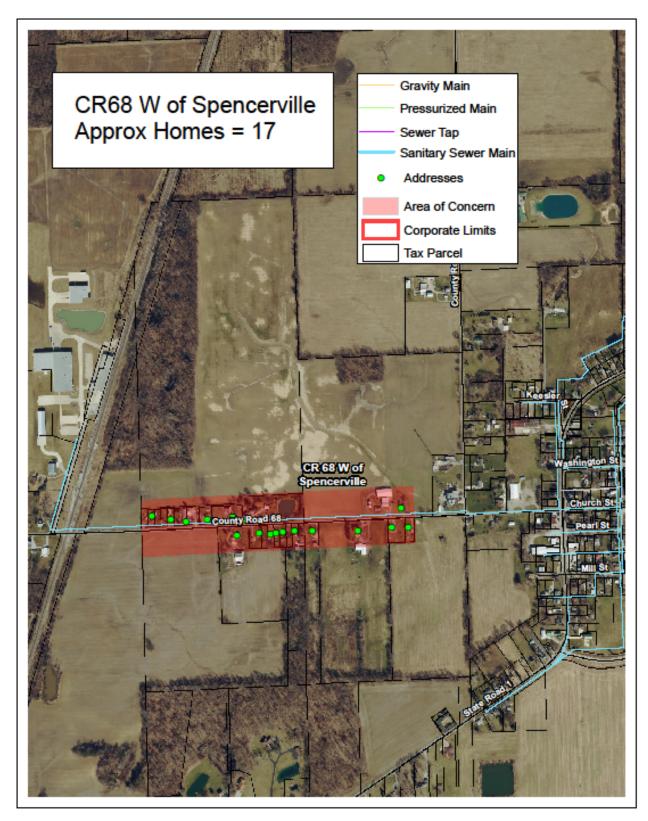
- Availability: Gravity sewer available at the intersection of Co. Rd. 52 and Co. Rd. 29 that services Bear Creek Estates.
- Potential Number of Homes Affected: 16
- Documented Septic Issues: Twenty years is considered the average life of a properly functioning septic system. Most homes in this area were built in the 1960's and 1970's. Many lots are less than 2 acres in size limiting the options for repair or replacement of an existing septic system. Many properties cannot be associated with a septic system permit on file with the DeKalb County Health Department. Several homes utilize a jet aeration septic system with no soil absorption field. This type of system results in discharge of sewage off property of origin.
- Additional Info: In the area highlighted 2 homes are currently connected to sewer.



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Co. Rd. 68 W. of Spencerville

- Availability: There is an existing private forced main sewer line along Co. Rd. 68.
- Potential Number of Homes Affected: 17
- Documented Septic Issues: Many lots less than 1 acre in size making repair or replacement of an existing system nearly impossible. Many homes built prior to septic records being kept. As a result, the DeKalb County Health Department has no permits on file.
- Additional Info:

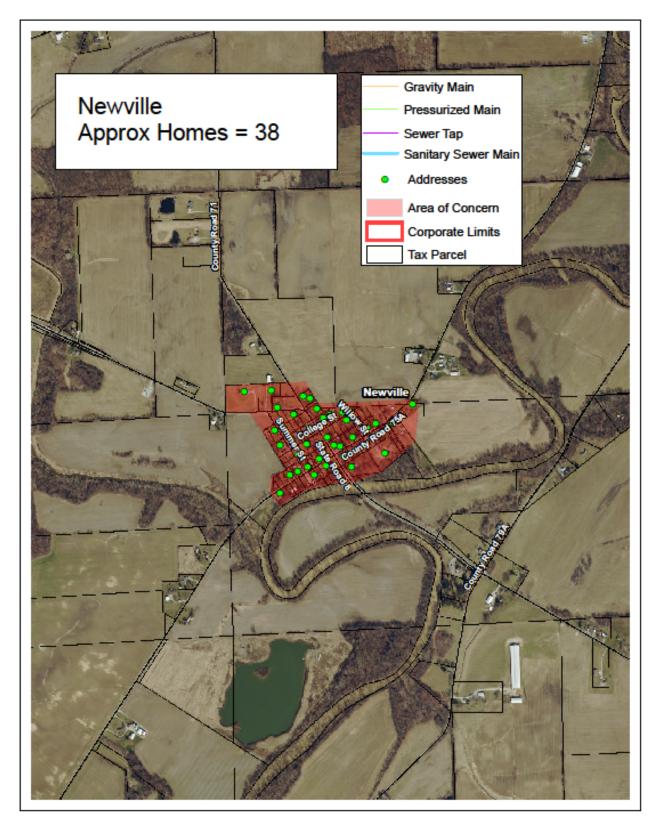


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Newville

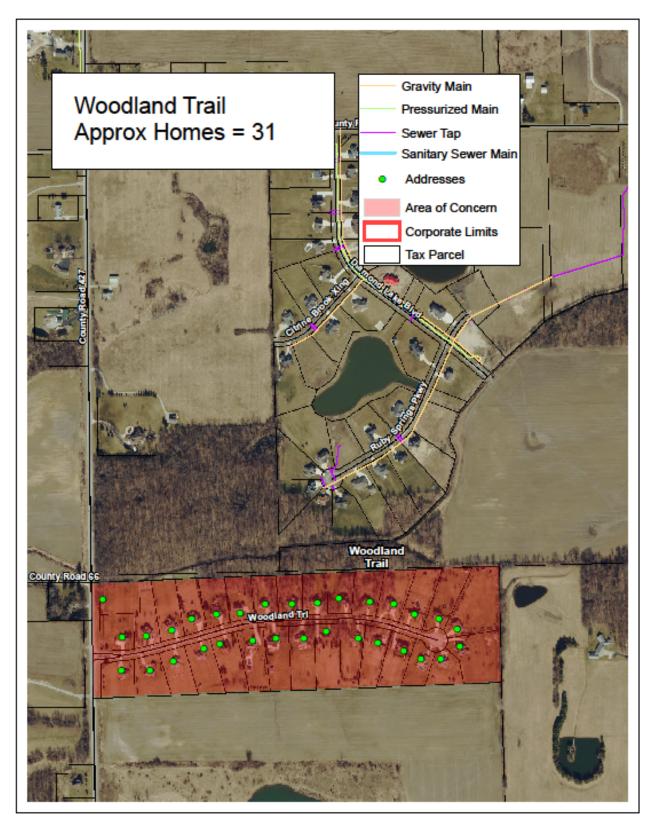
- Availability: Connecting to existing city or town sewer systems or sewer districts is not realistically an option. Alternative options will need to be investigated.
- Potential Number of Homes Affected: 38
- Documented Septic Issues: Twenty years is considered the average life of a properly functioning septic system. Most homes in this area were built in the 1900's thru the 1970's. Many lots are less than .5 acres in size making repair or replacement of an existing septic system nearly impossible. Many properties cannot be associated with a septic system permit on file with the DeKalb County Health Department. Several homes utilize a jet aeration septic system with no soil absorption field. This type of system results in discharge of sewage off property of origin.
- Additional Info:



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Woodland Trails

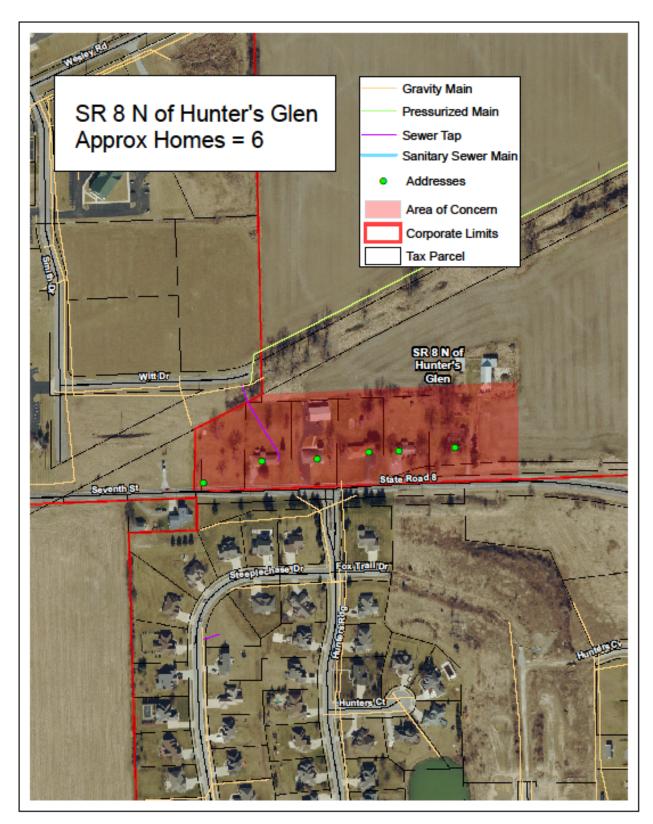
- Availability: Gravity sewer available to the northeast corner of the Woodland Trails addition from the lift station located an estimated 2000 feet away at the Diamond Lake Estates Development.
- Potential Number of Homes Affected: 31
- Documented Septic Issues: Twenty years is considered the average life of a properly functioning septic system. Most homes in this area were built in the mid-1990's. Many lots are less than 2 acres in size limiting the options for repair or replacement of an existing septic system.
- Additional Info:



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St. Rd. 8 North of Hunter's Glen

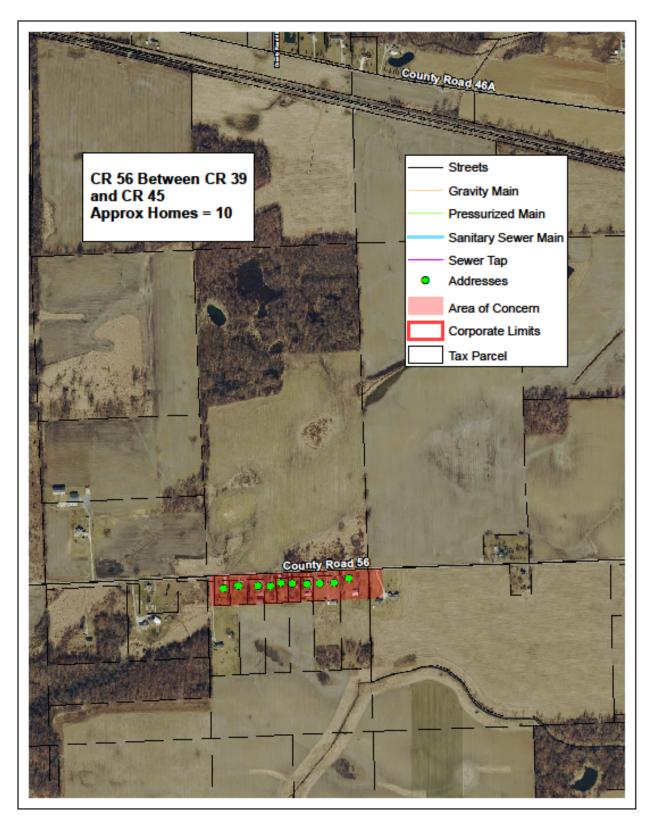
- Availability: Sewer stubbed to north side of St. Rd. 8; need to extend and connect.
- Potential Number of Homes/ property affected: 6
- Documented Septic Issues: Many Lots less than 1 acre in size making repair or replacement of an existing system nearly impossible. All homes built prior to septic records being kept. As a result, the DeKalb County Health has no permits on file.
- Additional Info:



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Co. Rd. 56 between Co. Rd. 39 and Co. Rd. 45

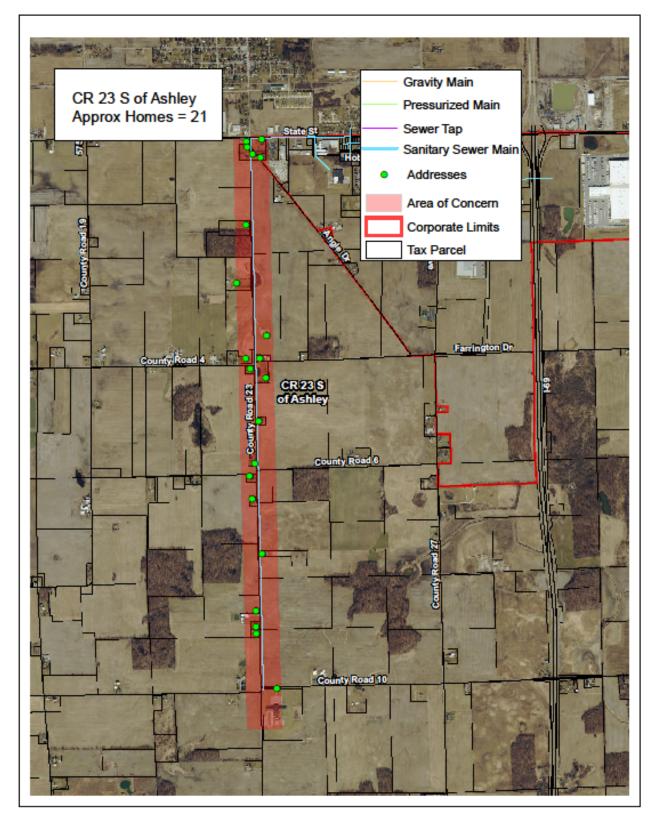
- Availability: Possibly from City of Auburn sewer service to Bear Creek Estates. There would be a significant distance that sewer lines would need to be extended; it is an estimated 10,300 ft. from area of concern to the intersection of Co. Rds. 35 and 56. Alternative options should be investigated.
- Potential Number of Homes Affected: 10
- Documented Septic Issues: Twenty years is considered the average life of a properly functioning septic system. Most homes in this area were built in the 1970's. Many lots are less than 1 acre in size making repair or replacement of an existing septic system nearly impossible. Many properties cannot be associated with a septic system permit on file with the DeKalb County Health Department. Several homes utilize a jet aeration septic system with no soil absorption field. This type of system results in discharge of sewage off property of origin.
- Additional Info:



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Co. Rd. 23 South of Ashley to Country Meadows School

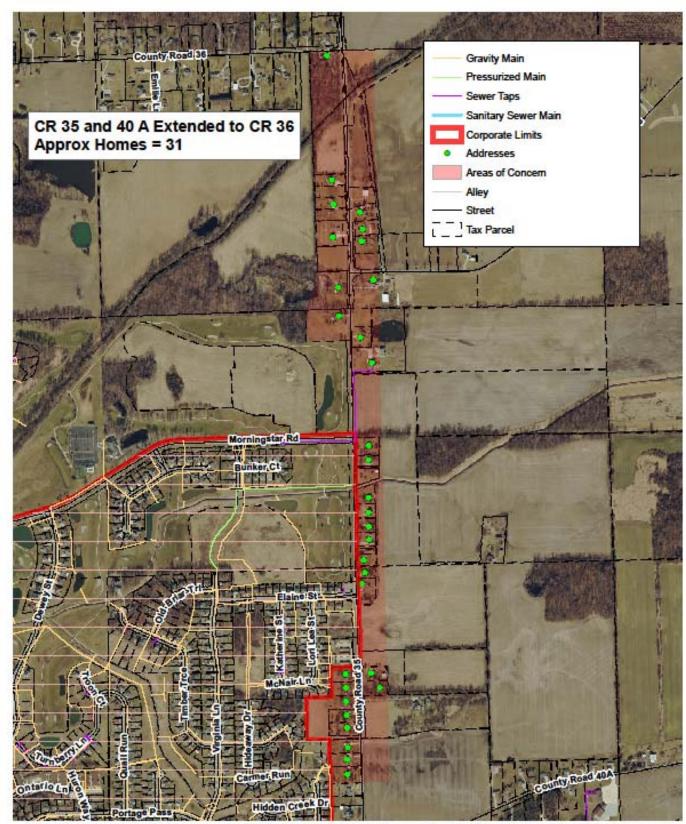
- Availability: Forced main currently runs along Co. Rd. 23; need to access and connect properties.
- Potential Number of Homes Affected: 21
- Documented Septic Issues: Twenty years is considered the average life of a properly functioning septic system. Most homes in this area were built prior to septic system records being kept as a result, many properties cannot be associated with a septic system permit on file with the DeKalb County Health Department. Several homes utilize a jet aeration septic system with no soil absorption field. This type of system results in discharge of sewage off property of origin.
- Additional Info:



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Intersection of Co. Rd. 35 and Co. Rd. 40A (North Part) to Co. Rd. 36

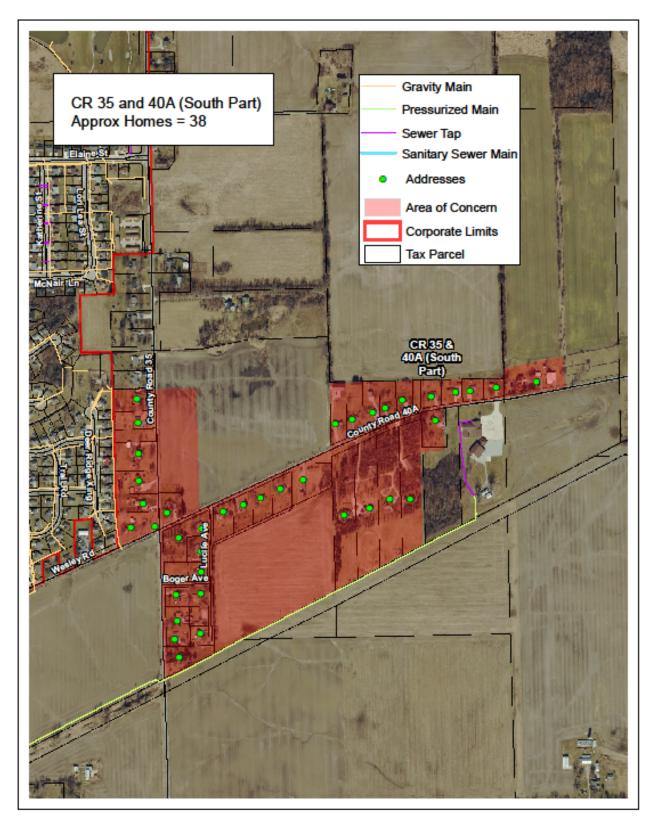
- Availability: Sewer available at several locations from the City of Auburn, just needs to be extended and connect properties.
- Potential Number of Homes Affected: 31
- Documented Septic Issues: Twenty years is considered the average life of a properly functioning septic system. Many lots are less than 2 acres in size limiting the options for repair or replacement of an existing septic system. Most homes in this area were built in the 1950's and 1960's, as a result many properties cannot be associated with a septic system permit on file with the DeKalb County Health Department. Several homes utilize a jet aeration septic system with no soil absorption field. This type of system results in discharge of sewage off property of origin.
- Additional Info:



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Intersection of Co. Rd. 35 and Co. Rd. 40A (South Part)

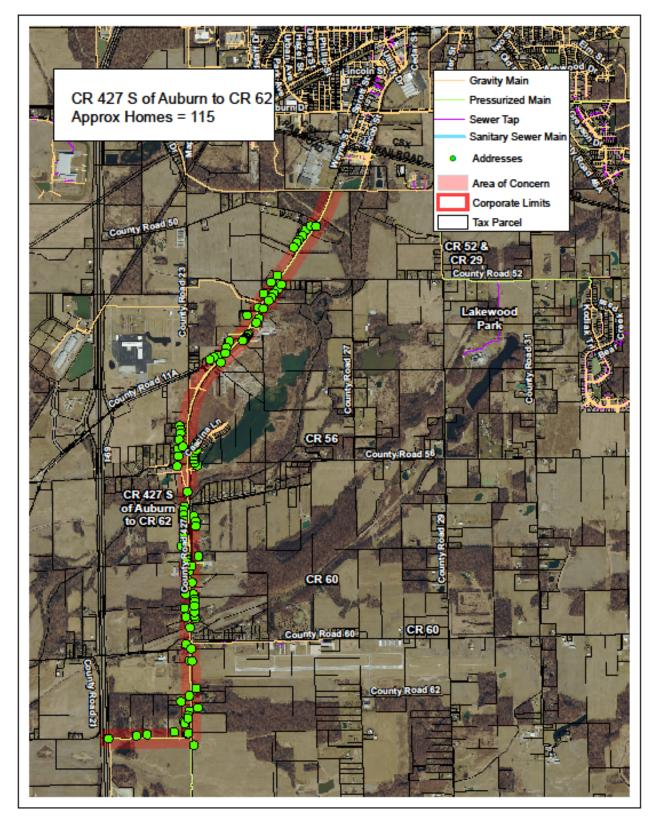
- Availability: Sewer available at several locations from the City of Auburn, just needs to be extended and connect properties.
- Potential Number of Homes Affected: 38
- Documented Septic Issues: Twenty years is considered the average life of a properly functioning septic system. Most homes in this area were built in the 1970's and 80's. Many lots are less than 2 acres limiting options for repair or replacement of an existing septic system. Many properties cannot be associated with a septic system permit on file with the DeKalb County Health Department. Several homes utilize a jet aeration septic system with no soil absorption field. This type of system results in discharge of sewage off property of origin.
- Additional Info:



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Co. Rd. 427 south to Co. Rd. 62

- Availability: Forced main currently available from Auburn City limits to Co. Rd. 62, then along Co. Rd. 62 to the rest stop along northbound Interstate 69; need to access and connect properties.
- Potential Number of Homes Affected: 115
- Documented Septic Issues: Twenty years is considered the average life of a properly functioning septic system. Most homes in this area were built in the 1960's thru the 1990's. Many lots are less than 1 acre in size making repair or replacement of an existing septic system nearly impossible. Many properties cannot be associated with a septic system permit on file with the DeKalb County Health Department. Several homes utilize a jet aeration septic system with no soil absorption field. This type of system results in discharge of sewage off property of origin.
- Additional Info: A few homes are currently connected to sewer.

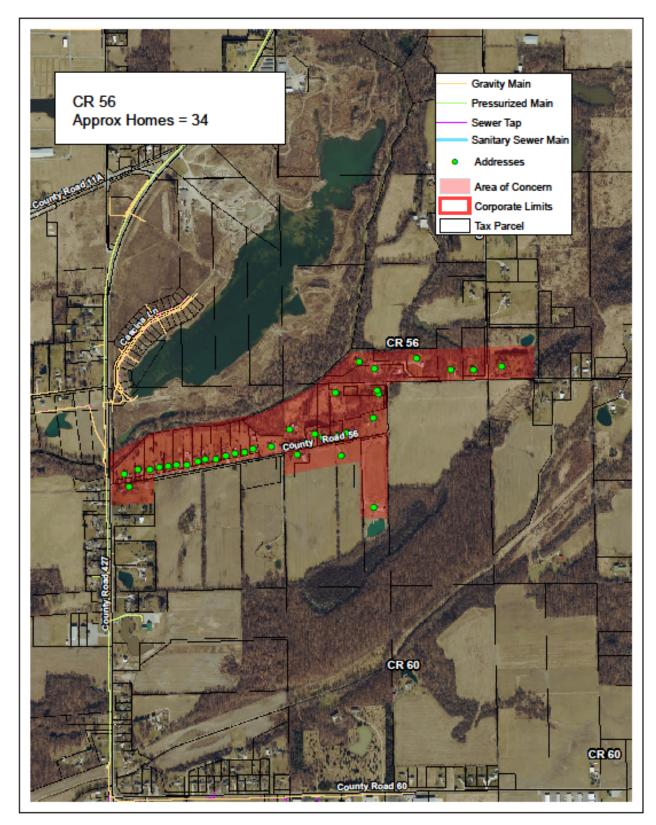


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<u>Co. Rd. 56</u>

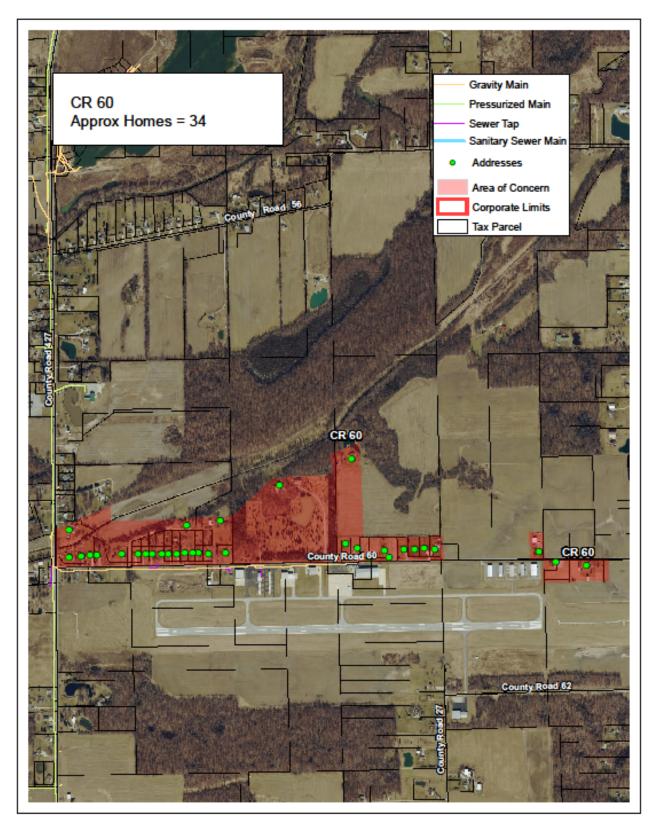
- Availability: Gravity main available at Co. Rd. 427.
- Potential Number of Homes Affected: 34
- Documented Septic Issues: Twenty years is considered the average life of a properly functioning septic system. Most homes in this area were built in the 1980's and 90's. Many lots are less than 2 acres in size limiting the options for repair or replacement of an existing septic system.
- Additional Info: Contours of area would potentially allow for a gravity style sewer for service from Co. Rd. 427 extending to Co. Rd 27



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<u>Co. Rd. 60</u>

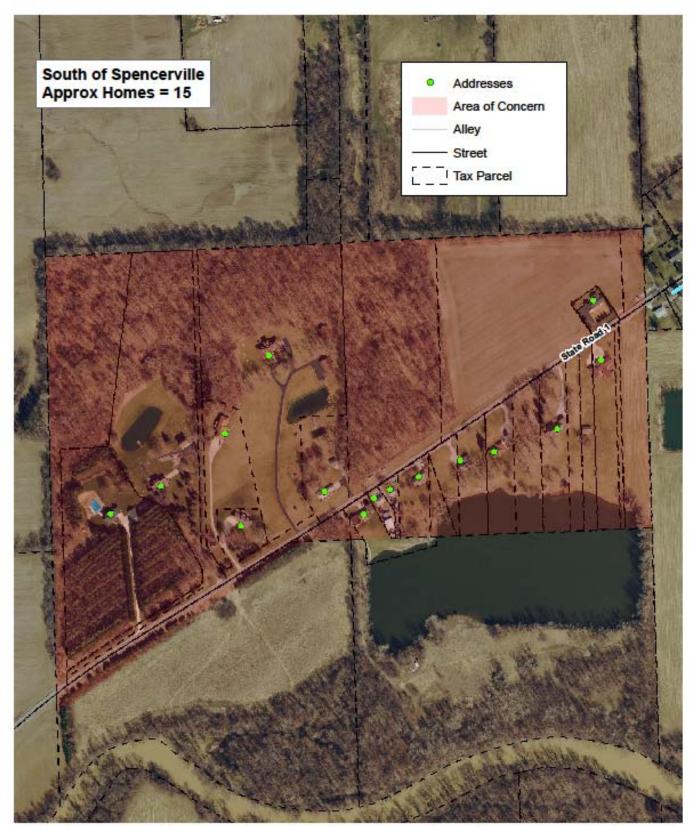
- Availability: sewer currently available as far east as the airport terminal with taps in place, properties just need to connect.
- Potential Number of Homes Affected: 34
- Documented Septic Issues: Twenty years is considered the average life of a properly functioning septic system. Most homes in this area were built in the 1960's. Many lots are less than 1 acre in size making repair or replacement of an existing septic system nearly impossible. Many properties cannot be associated with a septic system permit on file with the DeKalb County Health Department. Several homes utilize a jet aeration septic system with no soil absorption field. This type of system results in discharge of sewage off property of origin.
- Additional Info: In the area highlighted 9 homes are currently connected to sewer.



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South of Spencerville

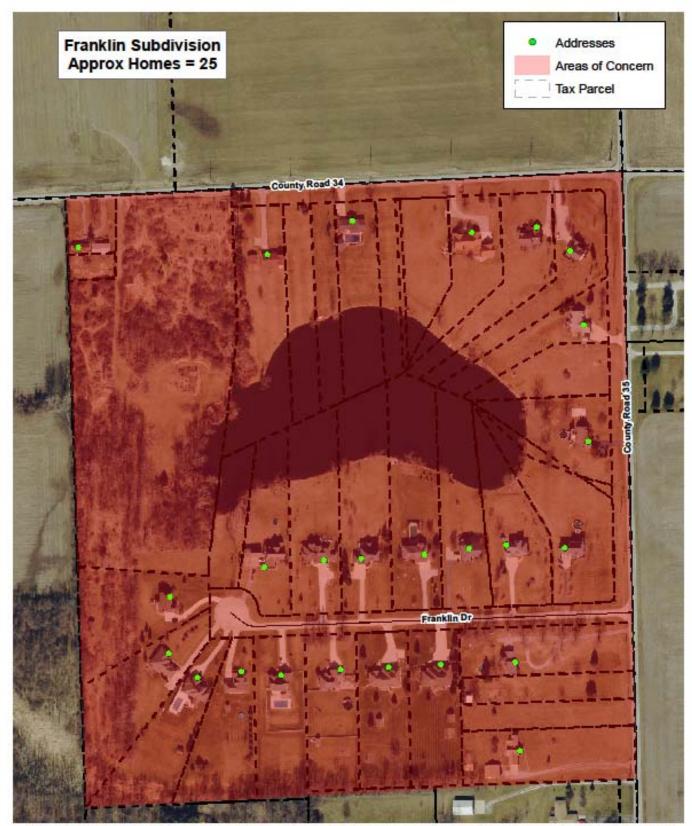
- Availability: From the St. Joe /Spencerville Regional Sewer District. Service currently available just northeast and adjacent to the identified area of concern.
- Potential Number of Homes: 15
- Documented Septic Issues: Twenty years is considered the average life of a properly functioning septic system. Most homes in this area were built in the 1970's or prior. Many lots are less than 2 acres in size limiting the options for repair or replacement of an existing septic system. Many properties cannot be associated with a septic system permit on file with the DeKalb County Health Department. Several homes utilize a jet aeration septic system with no soil absorption field. This type of system results in discharge of sewage off property of origin.
- Additional Information:



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Franklin Place Subdivision

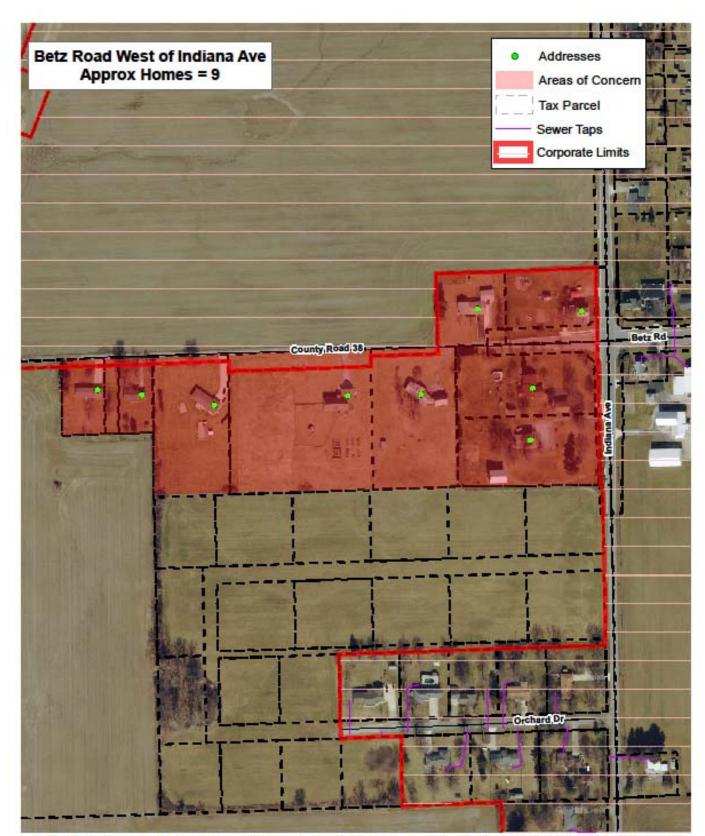
- Availability: From the City of Auburn at two locations. First, 4500 feet to the west at the intersection of Co. Rd. 34 and St. Rd. 427. Second, 6700 feet south along Co. Rd. 35 at Morningstar Road.
- Potential Number of Homes: 25
- Documented Septic Issues: Twenty years is considered the average life of a properly functioning septic system. Most homes in this area were built in the 1980's thru 2000's. Many lots are less than 2 acres in size with a large pond in the center of the development limiting the options for repair or replacement of an existing septic system.
- Additional Information:



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Betz Road West of Indiana Avenue

- Availability: From the City of Auburn 880 feet to the South along Indiana Avenue at Orchard Drive.
- Potential Number of Homes: 9
- Documented Septic Issues: Twenty years is considered the average life of a properly functioning septic system. Most homes in this area were built in the 1960's and 1970's. Many lots are less than 2 acres in size limiting the options for repair or replacement of an existing septic system. Many properties cannot be associated with a septic system permit on file with the DeKalb County Health Department. Several homes utilize a jet aeration septic system with no soil absorption field. This type of system results in discharge of sewage off property of origin.
- Additional Information:



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The Highlands Subdivision

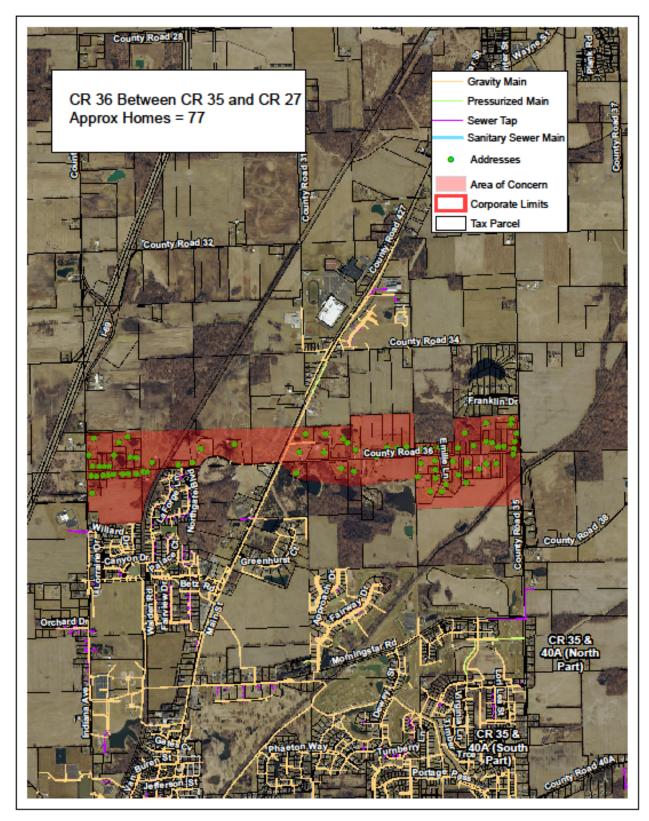
- Availability: From the City of Auburn through the Bear Creek Estates. It is an estimated 2500 from current sewer access in Bear Creek through the Highlands to Co. Rd. 35.
- Potential Number of Homes: 20
- Documented Septic Issues: All lots are 2 acres plus. Homes constructed from 1998 to present.
- Additional Information:



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CR 36 Between CR 35 and CR 27

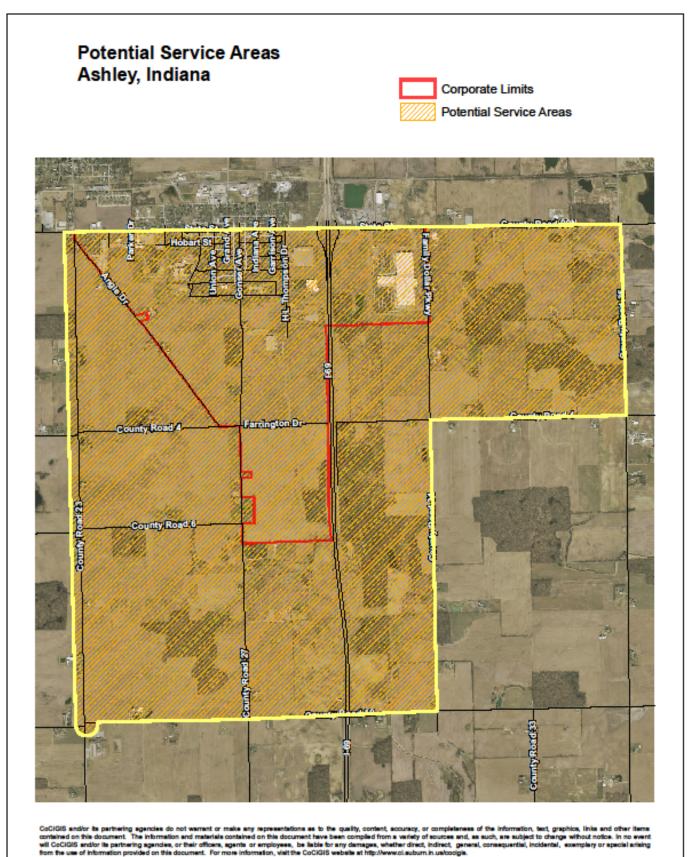
- Availability: From the City of Auburn at 3 access points. First, existing sewer service at the north end of Auburn Hills Subdivision. Second, east and west along Co. Rd 36 from the intersection of Co. Rd. 36 and St. Rd. 427. Third, from the east at Co. Rd. 35 if sewer is extended north from Morningstar Road.
- Potential Number of Homes: 77
- Documented Septic Issues: Twenty years is considered the average life of a properly functioning septic system. Most homes in this area were built between 1967 and the 1990's. Many lots are less than 2 acres in size limiting the options for repair or replacement of an existing septic system. Many properties cannot be associated with a septic system permit on file with the DeKalb County Health Department. Several homes utilize a jet aeration septic system with no soil absorption field. This type of system results in discharge of sewage off property of origin.
- Additional Information:



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Septic Issues: Collaborative Solutions

Potential Service Areas March 31, 2019



CoCiGIS

Town of Ashley

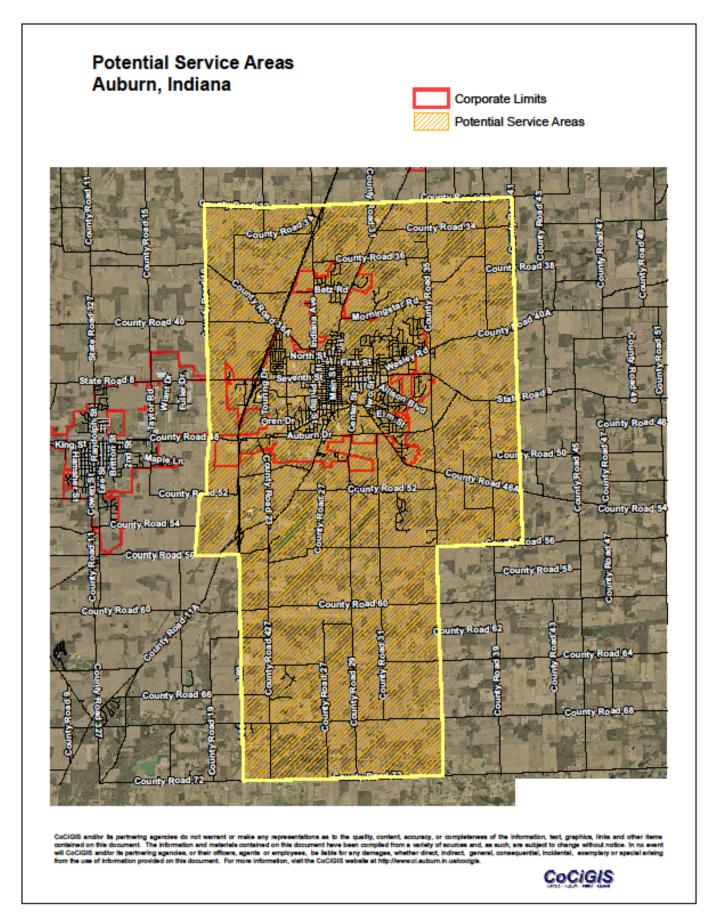
Planning and Zoning Jurisdiction – the Town of Ashley is a border town located on the county line between Steuben and DeKalb Counties. Current jurisdiction is within the town's identified boundaries only. The Town of Ashley addresses all zoning, planning within its jurisdiction. Building permits and inspections are completed through an inter-local agreement with DeKalb County.

Current Sewer Capacity – the town completed construction of a new wastewater treatment plant in 2006. Currently the plant operates at 45% of its capacity. Sewer has been extended south to Country Meadows Elementary School and to industry on the east side of Interstate 69. See the Areas of Opportunity map for identified potential service areas.

Storm/Sewer Separation – At the time of this report, all storm sewer and sanitary sewers are separate. The town does continue to have an issue with infiltration and inflow (I&I) which they are working on. They are also working on funding options to complete needed storm sewer installation.

Sewer Connection: Ashley				
	Per each (City or Town		
	Ordinance	Operational	Notes:	
When do you require connection to sanitary sewer?				
1. Through development sanitary sewer becomes available	Yes	Yes	Within town limits only	
2. When the existing septic system fails and sanitary sewer is available	Yes	Yes	Within town limits only	
3. At the time of new construction and the sanitary sewer is available	Yes	Yes	Within town limits only	
4. Other	-	-		
What happens if sanitary sewer is available but due to site-specific circumstances connection is not feasible	Yes	Maybe	Have not had to address	
What is the distance required to mandate sanitary sewer connection?	300 ft.	300 ft.	Where sewer is available and within town limits	
Is this enforced?	Yes	Yes	Within town limits only	
From where on the property is the line drawn?				
Property Line	Х	Х		
Building Line				

Sewer Connection – see table below.



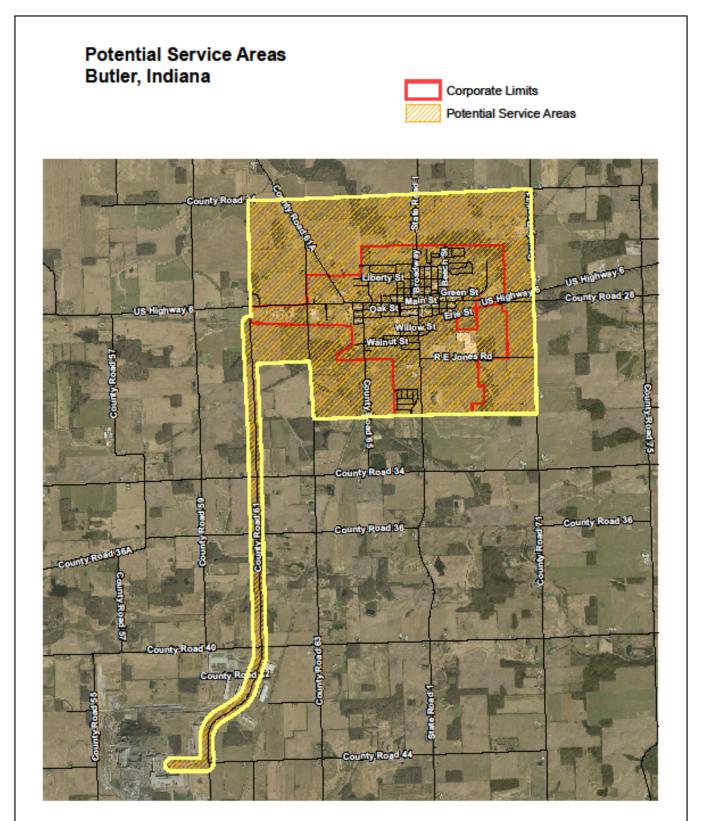
City of Auburn

Planning and Zoning Jurisdiction – within corporate boundaries of the city <u>and</u> Extra Territorial Jurisdiction (ETJ) areas. ETJ areas are determined by projected growth, development, and expected areas of annexation as outlined by an inter-local agreement with DeKalb County updated in 2017.

Current Sewer Capacity – Per Dave Lochner of the City of Auburn Water Pollution Control Plant, the average operating capacity of the plant is 55% with significant potential for additional service areas. At the time of this report the City of Auburn is most interested in getting sewer extended south of Auburn to Co. Rd. 68 or the Allen/DeKalb County line. See the Potential Service Area map.

Storm/Sewer Separation - proactively scheduling projects to separate storm and sanitary sewers. **Sewer Connection** – see table below

Sewer Connection: Auburn				
	Per each City or Town			
	Ordinance	Operational	Notes:	
When do you require connection to sanitary sewer?				
1. Through development sanitary sewer becomes available	N/A	N/A	Existing septic systems within corporate limits and ETJ areas follow DeKalb County Septic ordinance	
2. When the existing septic system fails and sanitary sewer is available	N/A	N/A	Existing septic systems within corporate limits and ETJ areas follow DeKalb County Septic ordinance	
3. At the time of new construction and the sanitary sewer is available	Yes	Yes	Within corporate limits connection required for new construction; ETJ areas follow inter-local agreement and/or DeKalb County Septic Ordinance	
4. Other	-	-		
What happens if sanitary sewer is available but due to site- specific circumstances connection is not feasible	Yes	Maybe	For new construction within corporate limits a wavier may be granted on a case by case basis; existing septic systems in corporate limits and ETJ areas follow DeKalb County Septic ordinance	
What is the distance required to mandate sanitary sewer connection?	None	None	Within corporate limits and ETJ areas DeKalb County Septic Ordinance applies	
Is this enforced?	N/A	N/A		
From where on the property is the line drawn?				
Property Line	N/A	N/A	Within corporate limits and ETJ areas DeKalb County Septic Ordinance applies	
Building Line	N/A	N/A	Within corporate limits and ETJ areas DeKalb County Septic Ordinance applies	



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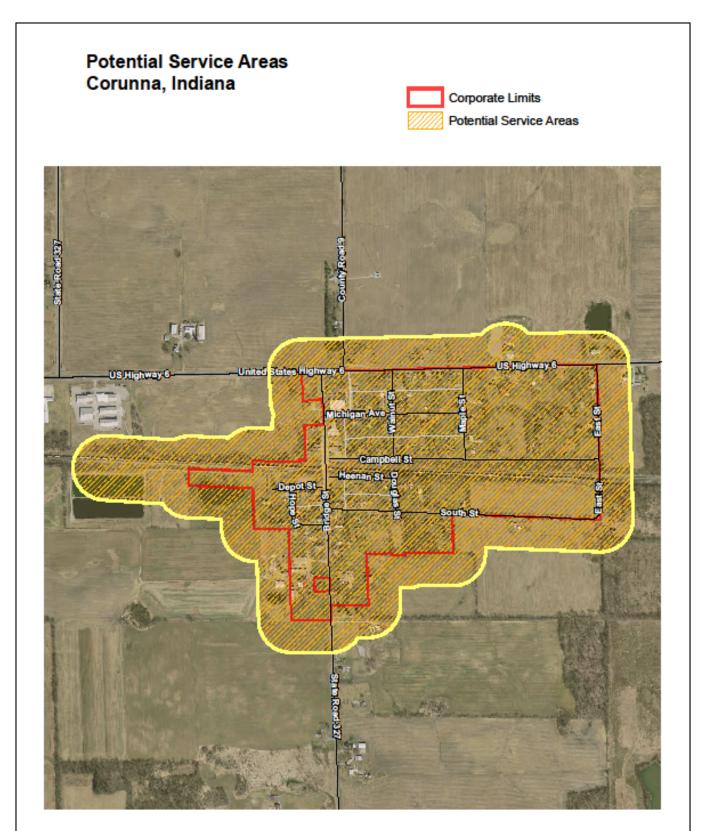
City of Butler

Planning and Zoning Jurisdiction – within the city corporate boundaries and identified Extra Territorial Jurisdiction (ETJ). Currently the ETJ is defined as the area within the boundaries of Co. Rd. 24 to the north; Co. Rd. 32 to the south; Co. Rd. 71 to the east; and Co. Rd 61 to the west. Within their corporate boundaries and ETJ area, the City of Butler completes planning, zoning, and initial permitting. Building permits and inspections are completed by DeKalb County through an inter-local agreement.

Current Sewer Capacity – the City of Butler sewage treatment plant on average operates at 50% of its capacity. See the Areas of Opportunity map for identified potential service areas.

Storm/Sewer Separation- the City of Butler has several combined septic/ storm sewers. Butler addresses this through planned separation projects and as repairs and maintenance are required. **Sewer Connection** – see table below.

Sewer Connection: Butler				
	Per each City or Town			
	Ordinance	Operational	Notes:	
When do you require connection to sanitary sewer?				
1. Through development sanitary sewer becomes available	Yes	Yes	Yes – within City borders and ETJ areas- both water and septic	
2. When the existing septic system fails and sanitary sewer is available	Yes	Yes		
3. At the time of new construction and the sanitary sewer is available	Yes	Yes	Not directly addressed in ordinance. Operationally, yes in the ETJ areas; it is handled on a case-by-case basis.	
4. Other	-	-		
What happens if sanitary sewer is available but due to site- specific circumstances connection is not feasible	Yes	Yes	Handled on a case-by-case basis - waiver granted to allow septic to remain in some cases.	
What is the distance required to mandate sanitary sewer connection?	300 ft.	300 ft.	Specific distance not addressed in City ordinance - will connect if in city limits; 300 ft. applies in ETJ	
Is this enforced?	Yes	Yes	Currently looking at updating their City ordinance	
From where on the property is the line drawn?				
Property Line	Yes	Yes		
Building Line		52		



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Town of Corunna

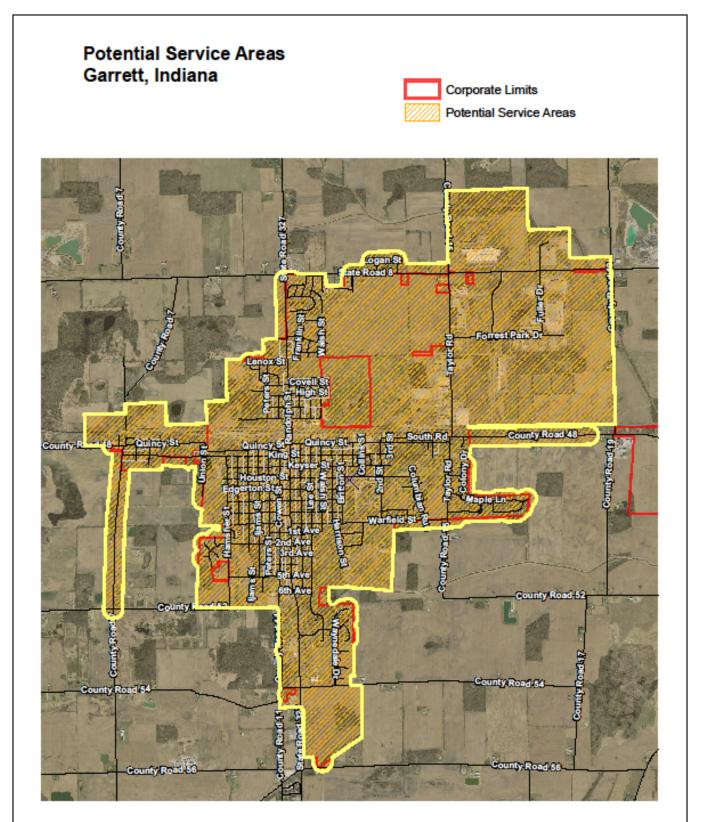
Planning and Zoning Jurisdiction – within town limits. No Extra Territorial Jurisdiction (ETJ). While there is not an official agreement, the intent of an inter-local agreement is observed with DeKalb County for zoning, planning, building permits, and building inspections.

Current Sewer Capacity – Justin Stouder, contracted operator of the Town of Corunna Sewer System, reports the existing system is not fully utilized and has capacity for a larger service area. However, at this time the additional capacity is not available due to infiltration and inflow issues. The Town is currently working through the process to complete upgrades to the system to correct these problems; funding is a significant issue.

Storm/Sewer Separation- Justin Stouder also reports that, based on the information he has available, all combined storm/sewer lines are separated; work completed when the current system was installed in the 80's.

Sewer Connection: Corunna Per each City or Town Ordinance **Operational** Notes: When do you require connection to sanitary sewer? 1. Through development sanitary Yes Yes Within town limits sewer becomes available 2. When the existing septic system fails and sanitary sewer is Within town limits Yes Yes available 3. At the time of new construction Within town limits Yes Yes and the sanitary sewer is available 4. Other What happens if sanitary sewer is available but due to site-specific Yes Maybe Not had to address yet circumstances connection is not feasible What is the distance required to 300 ft. If outside the town limits and want to hook-up to sewer. mandate sanitary sewer connection? No No Is this enforced? From where on the property is the line drawn? Х Х Property Line Building Line

Sewer Connection – see table below



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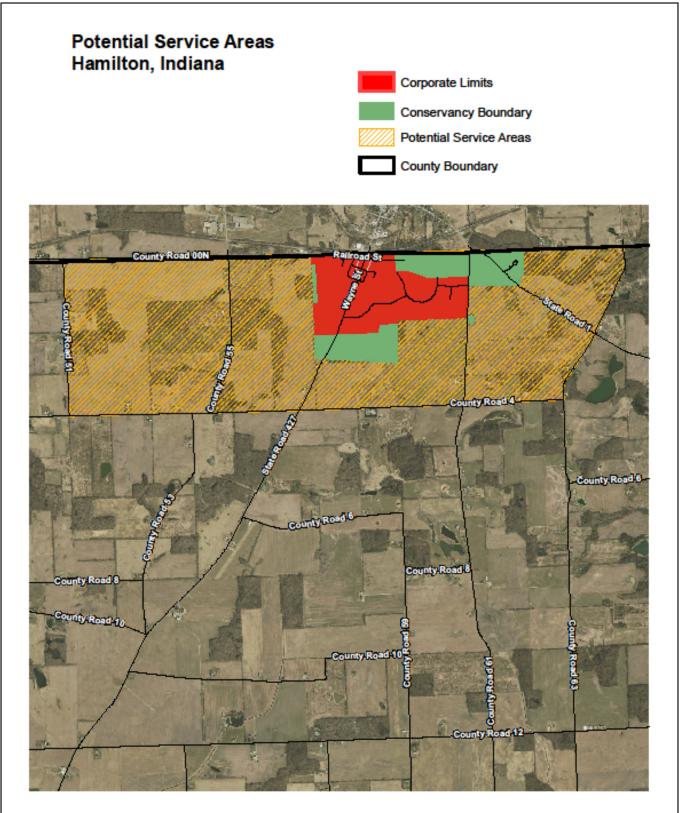
City of Garrett/ Altona

Planning and Zoning Jurisdiction – within the city corporate boundaries as currently defined. Garrett does not utilize Extra Territorial Jurisdiction (ETJ). Direct annexation is done as development occurs. Garrett completes their own planning and zoning. There is an inter-local agreement with DeKalb County for building permits and building inspections.

Current Sewer Capacity – Per the City Planner, the Water Pollution Control plant for the City of Garrett is functioning at 50% capacity. Potential additional service areas are indicated on the Areas of Opportunity map.

Storm/Sewer Separation- According to City officials Garrett was one of the first communities in the state to separate their septic and storm sewers. Most of this work occurred in the early 1980s. They continue to address infiltration and inflow issues (I&I) as repairs and maintenance are required.

Sewer Connection: Garrett/ Altona				
	Per each City or Town			
	Ordinance	Operational	Notes:	
When do you require connection to sanitary sewer?				
1. Through development sanitary sewer becomes available	Yes	Maybe	Ordinance - Yes, when within the corporate limits of Garrett or Altona. Operational- Maybe, depends on the individual situation.	
2. When the existing septic system fails and sanitary sewer is available	Yes	Yes	Ordinance - Yes, if within 300 ft of sewer line. Operational – depends on the individual situation	
3. At the time of new construction and the sanitary sewer is available	Yes	Yes		
4. Other	-	-		
What happens if sanitary sewer is available but due to site- specific circumstances connection is not feasible	Yes	Maybe	Ordinance - Yes; Operational - Addressed on a case-by- case basis. Waivers have been granted to allow septic to remain in some individual cases, usually for isolated parcels.	
What is the distance required to mandate sanitary sewer connection?	300 ft	300 ft		
Is this enforced?	Yes	Maybe	Addressed on an individual basis per ss 52.010 (F) of the Garrett City Code	
From where on the property is the line drawn?				
Property Line	Х	Х		
Building Line				



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Town of Hamilton

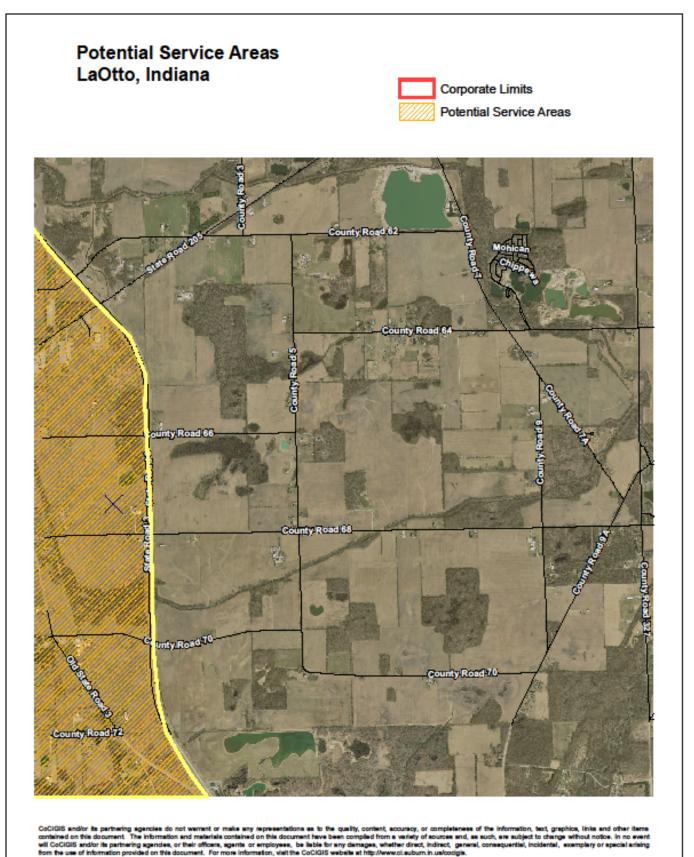
Planning and Zoning Jurisdiction – Hamilton is a border town located on the DeKalb County and Steuben County line. Jurisdiction is within town limits and Extra Territorial Jurisdiction (ETJ). In DeKalb County, the ETJ defined as south of the Steuben/DeKalb County line to Co. Rd. 4 and east of Co. Rd. 51 to Co. Rd. 63A. Planning and zoning are completed through the Town of Hamilton. Building permits and building inspections are completed by Steuben County. There is no inter-local agreement with DeKalb County for services.

The Hamilton Lake Conservancy District provides sanitary sewer service. It is a sewer works utility working in cooperation with but independent from the Town of Hamilton.

Current Sewer Capacity – Per Pete Crowl, the treatment plant of the Sewer Conservancy District currently operates at 50% capacity. The collection system lines are prohibiting increasing the service area. See the Areas of Opportunity Map for identified potential service areas.

Storm/Sewer Separation- the Town of Hamilton has no existing combined storm/sewer systems.

Sewer Connection: Hamilton				
	Per each City or Town			
	Ordinance	Operational	Notes:	
When do you require connection to sanitary sewer?				
1. Through development sanitary sewer becomes available	Yes	Yes	If within the Conservancy District, can request to be added to District if on fringe	
2. When the existing septic system fails and sanitary sewer is available	Yes	Yes	If within the Conservancy District, can request to be added to District if on fringe	
3. At the time of new construction and the sanitary sewer is available	Yes	Yes	If within the Conservancy District, can request to be added to District if on fringe	
4. Other	-	-		
What happens if sanitary sewer is available but due to site- specific circumstances connection is not feasible	Yes	Maybe	Not been directly addressed yet	
What is the distance required to mandate sanitary sewer connection?	300 ft.	300 ft.	If within Conservancy District; can request to be added to District if on fringe	
Is this enforced?	Yes	Maybe	If within Conservancy District; can request to be added to District if on fringe	
From where on the property is the line drawn?			If within Conservancy District; can request to be added to district if on fringe	
Property Line	Х	Х		
Building Line		59		





Town of LaOtto

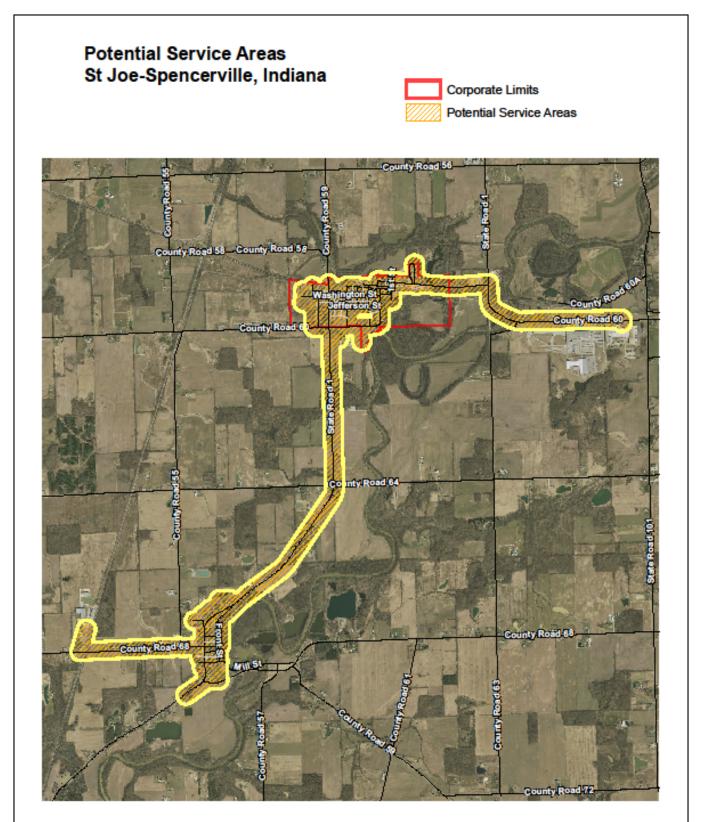
Planning and Zoning Jurisdiction – The Town of LaOtto is an unincorporated border town located in south east Noble County. Planning and zoning for LaOtto is done through Noble County Planning Department. Planning and zoning for development of areas adjacent to the town in DeKalb County is done through the DeKalb County Planning Department

The LaOtto Regional Sewer District provides sanitary sewer service for the area. Currently the Sewer District is operating at 60% of capacity. Sewer has previously been extended into adjacent areas of DeKalb County but does not extend east of new St. Rd. 3.

Storm/Sewer Separation- Unknown

Sewer Connection – All areas of DeKalb County are subject to the DeKalb County Septic Ordinance. Potential for sewer connection exists on a case-by-case basis from the LaOtto Regional Sewer District.

Sewer Connection: LaOtto Regional Sewer District				
	Per each City or Town			
	Ordinance	Operational	Notes:	
When do you require connection to sanitary sewer?				
1. Through development sanitary sewer becomes available	Yes	Yes	If within the 300 ft. distance.	
2. When the existing septic system fails and sanitary sewer is available	Yes	Yes	If within the 300 ft. distance.	
3. At the time of new construction and the sanitary sewer is available	Yes	Yes	If within the 300 ft. distance.	
4. Other	-	-		
What happens if sanitary sewer is available but due to site-specific circumstances connection is not feasible	Yes	Maybe	Has not been directly addressed yet.	
What is the distance required to mandate sanitary sewer connection?	300 ft.	300 ft.		
Is this enforced?	Yes	Yes		
From where on the property is the line drawn?				
Property Line	Х	Х		
Building Line				



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Town of St. Joe /Spencerville

Planning and Zoning Jurisdiction – The Town of St. Joe exercises jurisdiction within the boundaries of the town. They do not exercise Extra Territorial Jurisdiction (ETJ). Zoning, planning, and initial permitting are done through the Town of St. Joe. There is an inter-local agreement with DeKalb County for building permits and inspections.

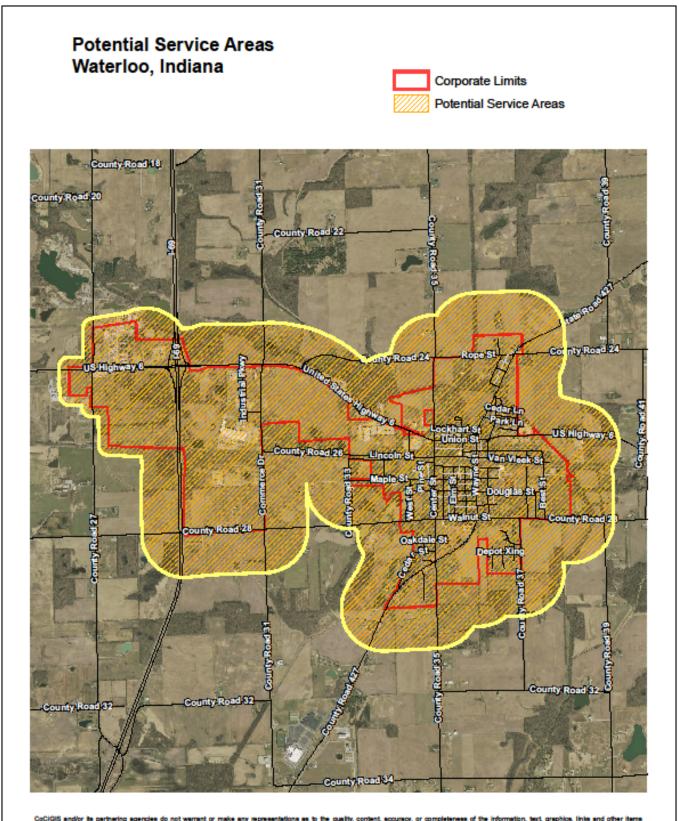
Planning and Zoning Jurisdiction - The Town of Spencerville has an inter-local agreement with DeKalb County for planning, zoning, and all permitting.

The St. Joe – Spencerville Regional Sewer District provides sanitary sewer service. It is a sewer works utility working in cooperation with, but independent from, the towns of St. Joe and Spencerville.

Current Sewer Capacity – Per operators, the Sewer District's water treatment plant is operating at 50% of capacity. See the Areas of Opportunity map for identified potential service areas

Storm/Sewer Separation- There are few storm sewers located in these towns. Any combined systems that existed were separated when the sewer district was installed in 1992-1994. **Sewer Connection** – see table below.

Sewer Connection: St. Joe/ Spencerville Regional Sewer District				
	Per each City or Town			
	Ordinance	Operational	Notes:	
When do you require connection to sanitary sewer?				
1. Through development sanitary sewer becomes available	Yes	Maybe	If within the 300 ft. distance.	
2. When the existing septic system fails and sanitary sewer is available	Yes	Yes	If within the 300 ft. distance.	
3. At the time of new construction and the sanitary sewer is available	Yes	Yes	If within the 300 ft. distance.	
4. Other	-	-		
What happens if sanitary sewer is available but due to site-specific circumstances connection is not feasible	Yes	Maybe	Waiver granted on a case-by-case basis.	
What is the distance required to mandate sanitary sewer connection?	300 ft.	300 ft.		
Is this enforced?	Yes	Yes		
From where on the property is the line drawn?				
Property Line	Х	Х		
Building Line		63		



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Town of Waterloo

Planning and Zoning Jurisdiction – Within identified boundaries, Waterloo does not exercise Extra Territorial Jurisdiction (ETJ). Within their jurisdiction, the Town of Waterloo completes planning, zoning, and initial permitting. Building permits and building inspections are completed by DeKalb County

Current Sewer Capacity – the Water Pollution Control Plant for Waterloo currently operates at 85% of its capacity. In addition to providing sewer and water to the Waterloo Industrial Park, the town recently extended sewer to existing businesses west of Interstate 69. The town continues to upgrade the existing system as maintenance and repairs are required and funding allows.

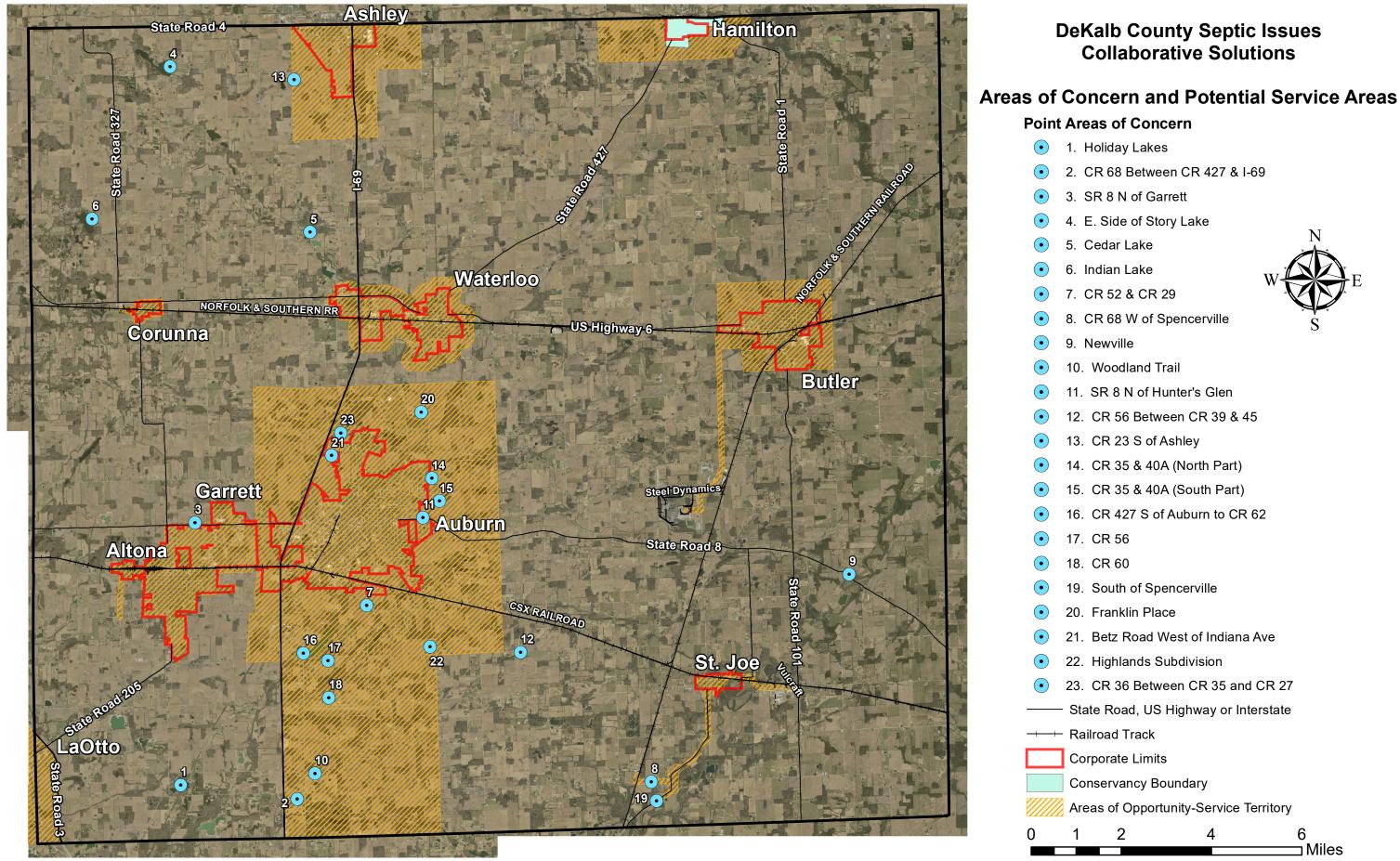
Storm/Sewer Separation- Waterloo has completed projects to separate storm/sewer lines. They are seeking funding to complete more of this work.

Sewer Connection – see table below

Sewer Connection: Waterloo				
	Per each City or Town			
	Ordinance	Operational	Notes:	
When do you require connection to sanitary sewer?				
1. Through development sanitary sewer becomes available	Yes	Maybe	If within 300 ft. of sewer may require hookup regardless of city or county	
2. When the existing septic system fails and sanitary sewer is available	Yes	Yes	If within 300 ft. of sewer may require hookup regardless of city or county	
3. At the time of new construction and the sanitary sewer is available	Yes	Yes	If within 300 ft. of sewer may require hookup regardless of city or county	
4. Other	-	-		
What happens if sanitary sewer is available but due to site- specific circumstances connection is not feasible	Yes	Maybe	Handled on a case-by-case basis.	
What is the distance required to mandate sanitary sewer connection?	300 ft.	300 ft.		
Is this enforced?	Yes	Yes	If possible and financially feasible.	
From where on the property is the line drawn?				
Property Line	Х	Х		
Building Line		65		

Septic Issues: Collaborative Solutions

Opportunities through Planning March 31, 2019



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