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KENTUCKY DIVISION OF WATER
WELLHEAD PROTECTION PLAN
5-YEAR UPDATE FORM

Update Requirements:

This form should be used for the 5-year update submittal requirements of the Kentucky Wellhead Protection Program (WHPP) in compliance with 401 KAR 4:220 and SDWA Section 1428. Once the form is complete, please sign and send to:

Kentucky Division of Water
Watershed Management Branch
Attention: Chip Zimmer
300 Sower Boulevard, 3rd Floor
Frankfort, Kentucky 40601 or edward.zimmer@ky.gov

For assistance, contact Chip Zimmer at (502) 782-7141 or edward.zimmer@ky.gov

System Information:

PWS Name: Hardin County District No. 2 (HCWD#2) – Plant B/City Springs

PWS ID Number: KY0470175

AI Number: 1662

Contact Person/Title: John Cruse, Chief Operator

Mailing Address: PO Box 970 1951 W. Park Road, Elizabethtown, KY 42702

Telephone: 270-862-3213 Email: jcruse@hcwd2.org

System Type*: COMMUNITY

*Community; Non-Transient/Non-Community; Transient/Non-Community

Source*: 4 Wells & 2 Springs (See attached Table 1) *Total of 6 Active Sources

AKGWA #(s): Well #1 (00055273); Well #2 (00055272); Well #3 (00055271); Well #4 (00055274); Elizabethtown Spring (90000701); Dyers Spring (90001137)

County: HARDIN

ADD: LTADD

WWD Permit #: 4 permits; See attached Table 2 Permitted Amount (mgd): Total 5.2 from (4) different sources. See attached Table 2

Population Served: 76326

Overall Susceptibility Rating*: **High** *High, Medium or Low

WHPP Changes Summary: Since the last update approved in 2010, Hardin County Water District No. 2 has taken over ownership and operation of the City Springs Treatment Plant from The City of Elizabethtown. The CSI has been updated and some changes in sources have occurred with over 250 potential sites. The delineated wellhead protection area for the City Springs Water Treatment Plant encompasses most of the city limits of Elizabethtown and most of the land use is developed and continues to be quickly developed. The area is a typical mature karst terrane with sinkholes, springs, karst windows, and losing and sinking streams most of which receive runoff from interstate highways, railroads, and urban and rural areas. Because of the vulnerability of karst aquifers to contamination, the recharge areas, and groundwater flow characteristics for springs and wells used for public water supply, the entire wellhead protection area has the highest rated sensitivity. In 2022, total annual average withdrawals were 2.1 MGD, so an overall decrease in approximately 1.0 MGD per day has occurred over the last 20 years. Over the last 5 years, water withdrawals from Elizabethtown and Dyers Springs have increased, while withdrawals from the wellfield have decreased (Permit #0121 Field of 4 wells) or ceased (Permit 1029 Field of Well#6). Since the original assessments were completed, changes including Well #5 which is no longer used for potable water, Well #6 is inactive and needs to be plugged, and Well #7 has been plugged. Out of the seven (7) observation wells, two (2) have been plugged, two (2) are active, and four (4) are inactive and need to be plugged. Some of the active wells were also rehabilitated by a certificated driller. All four (4) water withdrawal permits were last revised in 2014 and Permit #0690 for Freeman Lake was rescinded in 2018.

Update Form Instructions:

Please complete each section that applies to any system or WHPP updates and submit the supporting documentation. Please indicate if a section is not applicable to this update. **Sections 4 and 6 through 11 are required for every 5-year update.**

Please sign certification on the last page upon completion.

Section Updates:

Section 1: Treatment Plant

If the treatment plant location has changed then provide a new location map below. This can be a county roadmap or a GIS-produced map. Please use the area below to provide relevant details, or to indicate that no change has occurred.

Location remains at the end of Nicholas Spring Court, Elizabethtown, KY. The City Springs Water Treatment Plant has a design capacity of 3.0 million gallons per day (MGD).

Section 2: Water Withdrawal and Water Quality

If there have been changes in water withdrawal rates or water quality since the last submittal, provide a discussion of the relevant details in the space below (include new Water Withdrawal Permit Number if applicable). Include supporting documentation as an attachment.

In 1985, reported average daily withdrawals were 1.15 million gallons from two wells #3 and #4 and 0.75 million gallons from the two springs. Phase I completed in 2001 reports withdrawals of 3.1 MGD from combined sources. In 2022, total annual average withdrawals were 2.1 MGD, so an overall decrease in approximately 1.0 MGD per day has occurred over the last 20 years and is more comparable to withdrawals of the mid-1980's. Over the last 5 years, water withdrawals from Elizabethtown and Dyers Springs have increased, while withdrawals from the wellfield have decreased (Permit #0121 Field of 4 wells) or ceased (Permit 1029 Well #6). Since the original assessments were completed, changes including Well #5 which is no longer used for potable water by HCDW#2, Well #6 is inactive and needs to be plugged, and Well #7 has been plugged. All four (4) water withdrawal permits were last revised in 2014. Once Well #6 is has been plugged, water withdrawal Permit # 1029 should be rescinded since it is no longer active.

In a mature karst aquifer such as occurs in the Elizabethtown area, both water-supply springs, Elizabethtown and Dyers, serve as natural discharge points for master conduits draining separate ground-water basins. Master conduits concentrate conduit flow from sinkholes and sinking streams. Flow in master conduits is typically turbulent, with highly variable turbidity and temperature, and relatively flashy response to precipitation. Discharge from both springs is flashy with peak discharge usually occurring within one day, or less, of the peak precipitation event.

Dyers Spring (0009-1137) is part of the statewide Ambient Groundwater Monitoring Program which provides baseline groundwater data on aquifer characterization, ambient groundwater quality and nonpoint source pollution. Groundwater, including public water supplies and private-sector wells and springs, are sampled quarterly and analyzed for hundreds of parameters, including metals, nutrients, pesticides and volatile organic compounds. The only parameter that's been above the Maximum Contaminant Level (MCL) of 0.05 Mg/L consistently is Aluminum. Tetrachloroethane or carbon tetrachloride have also been consistently detected, but not at or near MCL. There have also been infrequent detections of herbicides/pesticides over the years. MCL represents the highest level of a contaminant that is allowed in drinking water. The karst-dominated Mississippian Plateau, with closer connections to surface influences, has shown increasing trends for metal analytes, pH, and conductivity especially from in spring stations in the physiographic region (Report on the Condition of Ambient Groundwater in Kentucky 2018). The Mississippian Plateau physiographic region is also having significant downward trends for nitrite and sulfates.

The presence of infiltrated water from Valley Creek in both city water-supply Well #3 and #4 was confirmed by qualitative dye traces. More than likely this also applies to Wells #1 and #2. Operators with HCWD#2 report Well #1 and #2 being heavily influenced by turbidity during rainfall events so those sources are susceptible to the influences of flow and groundwater elevation in Valley Creek. Dyers Spring also reportedly dries up during periods of no rainfall. Valley Creek and its tributaries drain the entire Elizabethtown urban area.

Section 3: Change or Modification to Groundwater Source

If the system has changed or modified the wells or springs being used, provide the following: 1) a description of changes/modifications; 2) copies of the relevant form(s) (Kentucky Water Well Record, Well Maintenance & Plugging Record, Well Inspection Form or Spring Inventory Record); and 3) any other information relating to well construction (i.e., installation logs, driller's logs, lithological or geophysical logs), below.

In 2014, HCWD#2 developed a purchase contract for Well # 1, #2, #3, #4, and #6. Well #5 and all the remaining observation wells were not included in the contract and remain under ownership of the City of Elizabethtown. Currently a total of four (4) wells and two (2) springs supplies public drinking water to the City of Elizabethtown and surrounding county residents. In 2000, Well #7 (00055281) and observation wells OW-S-8-87 (00055279) and OW-7 (00055281) were plugged. Well #5 (00055275) is owned and operated by the City of Elizabethtown and is no longer used for potable water by HCDW#2, Well #6 is inactive and needs to be plugged, and out of the six (6) remaining observation wells, two (2) are active (OW-1-81/00055283 & OW-4/00055282), and four (4) are inactive and need to be plugged (OW-2/00055285, OW-3/00055284, OW-5/00055280 & OW-6/00055278). The observation wells were installed by USGS in 1987 as part of a dye tracing study to determine groundwater flow conducted with the City of Elizabethtown (USGS Water-Resources Investigations Report 87-4174). HCWD#2 contracted with National Water Services to have Well #4 cleaned in 2016 and Well #2 & #3 cleaned and new pumps installed in 2017. Records are available through KGS and should be on file at Division of Water. Inspection forms to reflect changes in ownership, location, and status will be completed and submitted to the Division of Water. See attached Source Inventory.

Section 4 (REQUIRED): Planning Team

Effective water supply protection requires community involvement and public awareness. Identify the planning team consisting of a leader and at least two team members, with their respective titles, below.

Leader:

John Cruse, Chief Operator & IT

Team Members:

Shaun Youravich, General Manager

Wayne Milliner, Chief Operator at Plant B/City Springs

Section 5: WHPA Delineation

If the system is revising a Wellhead Protection Area (WHPA) delineation, or if a new groundwater source has been added since the last submittal, provide a site-specific description of the local geology and aquifer. Include references for published literature. Provide a summary of any aquifer tests (i.e. pumping tests, slug tests, tracer tests), including data gathering and evaluation methods. Show calculations and supporting data for each WHPA delineated or revised. Include the detailed hydrogeologic report as an attachment.

No changes in delineation.

Section 6 (REQUIRED): WHPA Map

Provide a WHPA map that shows each groundwater source labeled with the appropriate AKGWA #, all protection zones identified and the Contaminant Source Inventory (CSI) point locations. If no changes have occurred since the last submittal, then a copy of the most recent WHPA/CSI map can be resubmitted. To view the most recent delineations for your system, please visit the [Source Water Protection Viewer](#). Please contact program staff for assistance.

See attached WHPA Map. The wellhead protection areas are the hydrological boundary and area named 3A and 3B to cover their respective wellfields as provided in the table below.

<u>Zone Name</u>	<u>Well ID</u>
WHPA 3B	1
WHPA 3B	2
WHPA 3B	3
WHPA 3A	4
WHPA 3A	5

Section 7 (REQUIRED): Contaminant Source Inventory

Provide an updated CSI in table format. This can be created using the spreadsheet template provided, and copied into the space below. If no changes occurred since the last update, the table can be pulled from previous WHPP documents. Each contaminant source listed should have a Contaminant Source ID # that corresponds to the WHPA map in Section 6. The CSI table must show the susceptibility determination ranking for each contaminant source. Include a brief narrative discussion of the overall system susceptibility. For more information on potential sources of contamination, please visit the DOW's [Web Tools for SWP Planning website](#). Please contact program staff for assistance.

See attached CSI. HCWD#2 Plant B/City Springs Water Treatment Plant currently draws its source water from a combination of wells (infiltrated surface water) and springs with an estimated 60% from the springs. The wellhead protection area lies within the Interior Low Plateaus physiographic province and consists of a sinkhole plain named the Pennyroyal. The Pennyroyal is a gently rolling broad upland underlain by soluble limestone, and is characterized by karst features such as sinkholes, sinking streams, springs, and subsurface drainage. The area is a typical of this mature karst terrane with sinkholes, springs, karst windows, and losing and sinking stream most of which receive runoff from interstate highways, railroads, and urban and rural areas. Because of the vulnerability of karst aquifers to contamination, the recharge areas, and groundwater flow characteristics for springs and wells used for public water supply, the entire wellhead protection area has the highest rated sensitivity.

The delineated wellhead protection area includes the City of Elizabethtown and most of the land use is developed. It also lies in the middle of several major roadways and intersections and railroad transportation routes. The contaminant source inventory indicates more than 250 potential contaminant sources including major transportation routes, bridges and culverts, gas stations, lifts

stations, in addition to industrial, commercial, and municipal sources. Additionally, an estimated 1,500 septic systems lie within the protection area. Heavy development is currently occurring around the water sources and the plant so security and access at the springs and wellfield should be prioritized, and any abandoned or inactive wells should be plugged.

Section 8 (REQUIRED): Management Strategies

Provide a discussion of the previous and newly proposed management strategies to prevent source water contamination. This discussion must include the previous management strategies that were implemented as well as the goals that were met. Next, include any NEWLY proposed management strategies, associated goals, implementation plans and the party responsible for implementation. For information about wellhead protection strategies please visit the DOW's [Source Water Protection Strategies website](#).

Previous Management Strategy Update:

The wellhead protection area has been assessed and some management strategies had been enacted in the 2010 plan update including installation of water supply and emergency numbers signs around the wellhead protection area, distributing and posting maps of the wellhead protection area, and extending sewer service to home along White Oak and Brett Drive.

Newly Proposed Management Strategies:

The delineated wellhead protection area for the Plant B/City Springs Water Treatment Plant encompasses most of the city limits of Elizabethtown and most of the land use is developed and continues to be quickly developed. This circumstance makes it difficult to implement ordinances to prohibit certain types of land uses that could pose threats. Education and outreach, signage and maps should be distributed widely, development of groundwater protection plans (GPPs) under 401 KAR 5:037 within the protection area and extending wastewater service to unserved or underserved residents is also key. HCWD#2 has proposed wastewater extensions are proposed in the Gaither's portion of the protection area to provide sewer wastewater collection system and transmission system for a large concentration of unserved households and businesses and the new large scale industrial sites being developed just south in the town of Glendale and northwest in Cecilia at the TJ Patterson Industrial Park. The project will include conveyance to the City of Elizabethtown's Valley creek wastewater treatment facility. While wastewater service extension can prevent contamination of groundwater it will also impact current and future development within and around the protection area. Heavy residential, municipal, commercial/industrial and roadway development is currently occurring in and around the water sources and the water treatment plant so security and access at the springs and wellfield should be prioritized, and any abandoned or inactive water and observation wells should be plugged. Any illegal dumps or spills should be reported to the Kentucky Division of Water Louisville Regional Office. Coordination with Hardin County Planning and Development Commission and the Hardin County Fiscal Court MS4 coordinator regarding the Stormwater Quality Management Plan should be scheduled regularly regarding ordinances associated with the Source Water Protection Overlay Zone. Utilizing consumer confidence reports (CCRs) for outreach and education efforts of the wellhead protection areas, contaminant inventories, and susceptibility determinations, and outline measures that are being taken to protect their groundwater supply.

Section 9 (REQUIRED): Contingency and WHP Planning

Provide a description of Contingency and WHP Planning. Complete the Emergency Response Phone List, Procedures for Public Notification, identification of Potential Future Problems and the procedures to establish Alternative Water Supplies. This section must also address how often the WHPP will be reviewed and updated.

Emergency Response Phone List

Fill in all Blanks and Phone Numbers with appropriate information.

Local Emergency Response	Phone Number
Plant Operator	270-982-8399
Elizabethtown Fire Department Station 1	270-765-2121
Elizabethtown Police Department	270-765-4125
Hardin County Sheriff	270-765-5133
Local Emergency Dispatch Click here to enter text.	911

State and Federal Assistance	Phone Number
Kentucky DOW (Frankfort)	(502) 564-3410
Kentucky DOW Associated Field Office (FO) Louisville Regional Office	(502) 429-7122
Kentucky Environmental Response Team 24 hour response line	(502) 564-2380 (800) 928-2380
Kentucky State Fire Marshall	(502) 573-0382

Any Other Pertinent Contacts	Any Other Pertinent Numbers
Click here to enter text.	PHONE NUMBER
Click here to enter text.	PHONE NUMBER
Click here to enter text.	PHONE NUMBER

Procedures for Public Notification:

In the event of a water system emergency that would threaten the health or life of the public, use the following procedure. Prepare and broadcast an advisory, including directions for the public. Describe the public notification process and provide contacts for those media outlets. If the system uses methods other than traditional media please list them.

Traditional media provided below.

Newspaper, Television, and Radio Stations	Phone Numbers
Radio WQXE	270-737-8000
Television Wave 3	502-585-2201

Potential Future Problems:

Describe the *most likely* scenarios that could threaten the water supply.

In accordance with the CSI and location of the sources of water supply, spills or contamination from transportation corridors or commercial or industrial development. Additionally, because the water supply is drought vulnerable HCWD#2 has interconnections for backup if needed.

Alternative Water Supply (Short and Long Term):

Describe the short term and long-term water supply alternatives that address each of the potential future problems identified above. List all current interconnections with other water systems. Discuss the capacity of each potential alternative water supply to sustain normal operations.

In the event contamination does occur, depending on the nature and extent of the contaminant, long and short-term contingency plans should be in place. Short term contingency planning would include a boil water advisory to all affected customers. Plant B/City Springs Water Treatment Plant has large diameter interconnections with White Mills Water Treatment Plant and Louisville Water Company that can provide water supply alternatives when needed.

Schedule for Update and Review:

The Wellhead Protection Plan will be reviewed regularly and updated every five years as required by regulation.

Section 10 (REQUIRED): Copies of Public Notices and Education Materials

Provide copies of wellhead protection public notices and education materials distributed.

A copy of this wellhead protection plan will be posted on the HCWD#2 webpage and the link to plan will be printed on customer bills for public review.

Section 11 (REQUIRED): Public Meeting Documentation***

Provide the record of WHPP public meeting attendance, minutes and comments.

A copy of this wellhead protection plan will be posted on the HCWD#2 webpage and the link to plan will be printed on customer bills for public review. A copy will be provided in the attachments for documentation.

***Non-Community Water Systems are not required to have public meetings for 5-year updates, but must post a public notice in a conspicuous place. A public notice template is provided as a separate document. However, public input and associated documentation are encouraged. Please contact program staff if you have any questions.

Certification Signature (TO BE COMPLETED BY PLANNING REPRESENTATIVE):

"I certify that this document and all attachments were prepared under my direction or supervision. The information submitted is, to the best of my knowledge and belief, true, accurate, and complete."

3/15/2023

X John D Cruse

Signature: Signed by: John D Cruse

Date: 03/15/2023

Printed Name/Title: John D Cruse / Chief Operator

System Information:**Table 1: Source Inventory**

Well Identification	AKGWA ID#	Status	Coordinates
Well #1	00055273	Active	-85.8762587, 37.67985153
Well #2	00055272	Active	-85.876681, 37.680656
Well #3	00055271	Active	-85.87707091, 37.67936823
Well #4	00055274	Active	-85.88187877, 37.67624249
Well #5	00055275	Active. City of Elizabethtown owns and operates and is no longer used for potable water.	-85.8845464, 37.67175302
Well #6	00055276	Inactive	-85.90085967, 37.65755839
Well #7	00055277	Plugged	
Elizabethtown/Old City Spring	90000701	Active	-85.87513603, 37.67885467
Dyers/Gaithers Spring	90001137	Active	-85.90118213, 37.65746439
Observation well (OW-1-81)	00055283	Active	-85.876447, 37.679683
Observation well (OW-2)	00055285	Inactive	-85.87411537, 37.68102399
Observation well (OW-3)	00055284	Inactive	-85.88029543, 37.67691296
Observation well (OW-4)	00055282	Active	-85.881722, 37.676775
Observation well (OW-5)	00055280	Inactive	-85.88441103, 37.67171673
Observation well (OW-6)	00055278	Inactive	-85.900945, 37.65733514
Observation well (OW-7)	00055281	Plugged	
Observation well (OW-S-8-87)	00055279	Plugged	

Table 2: Water Withdrawal Permits & Permitted Sources

WWD Permit #	Permitted Amount (MGD)	Permitted Sources
0121	2.6	Well #1 (00055273), Well #2 (00055272), Well #3 (00055271), Well #4 (00055274)
0122	1.0	Old City Spring (90000701)
0123	0.700	Dyers Spring (90001137)
1029	1.0	Well #6 (00055276)- Inactive
Total	5.3	7 (6-active; 1- inactive)

Hardin County Water District #2-
Elizabethtown City Springs
Source Inventory
02.2023



Well #1 (00055273)- Active



Well #2 (00055272) - Active



Well #3 (00055271) - Active



Well #4 (AKGWA# 00055274) - Active



Dyers/Gaithers Spring (90001137) - Active



Elizabethtown/Old City Spring (90000701) -
Active



Well #5 (00055275) – Owned and operated by Elizabethtown- not connected to potable water system



Well #6 (00055276) – Not active



Observation Well #1-81 (00055283) – Active



Observation Well #2 (00055285) – Not active



Observation Well #3 (00055284) – Not active



Observation Well #4 (00055282) – Not active

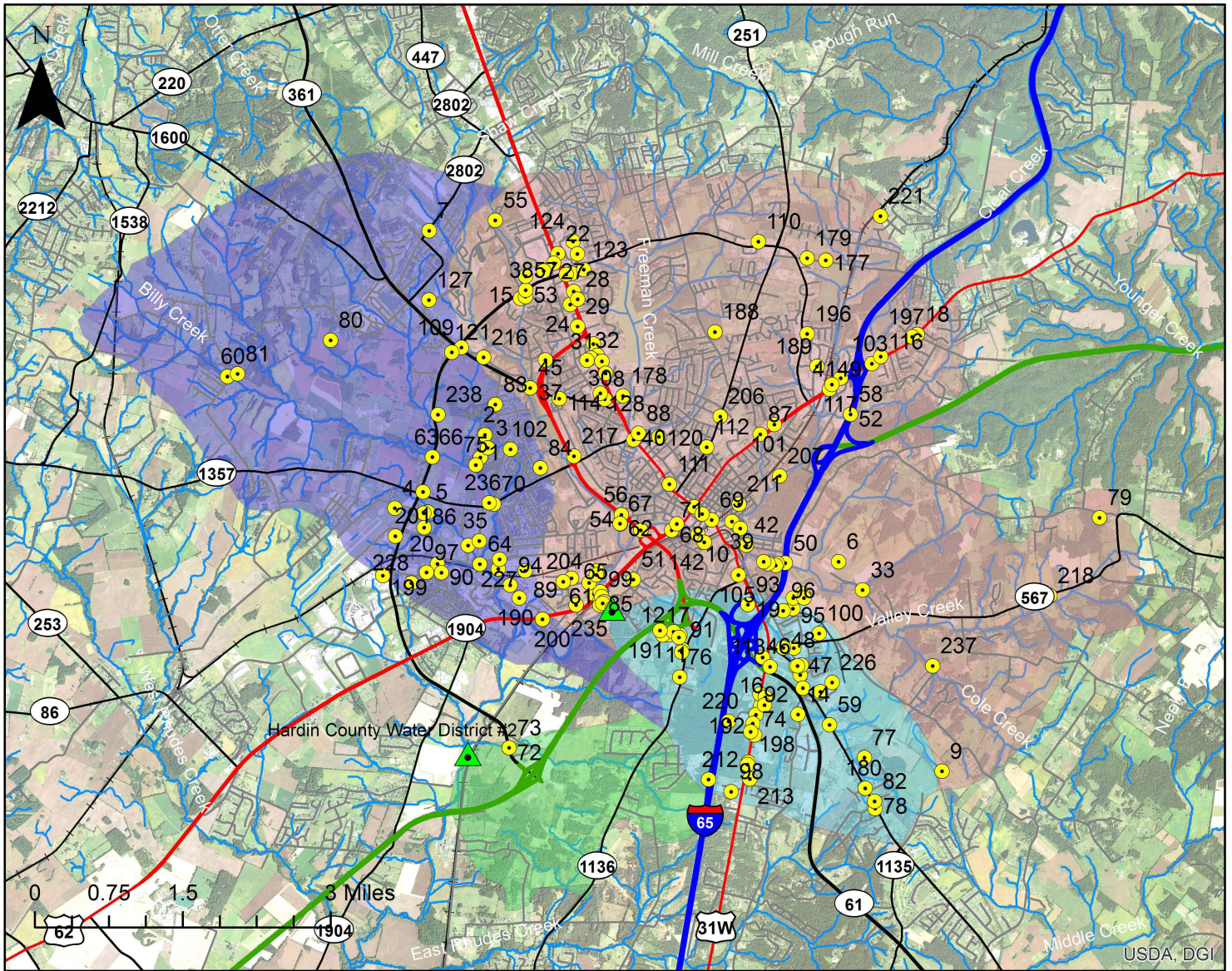


Observation Well #5 (00055280) – Not active
















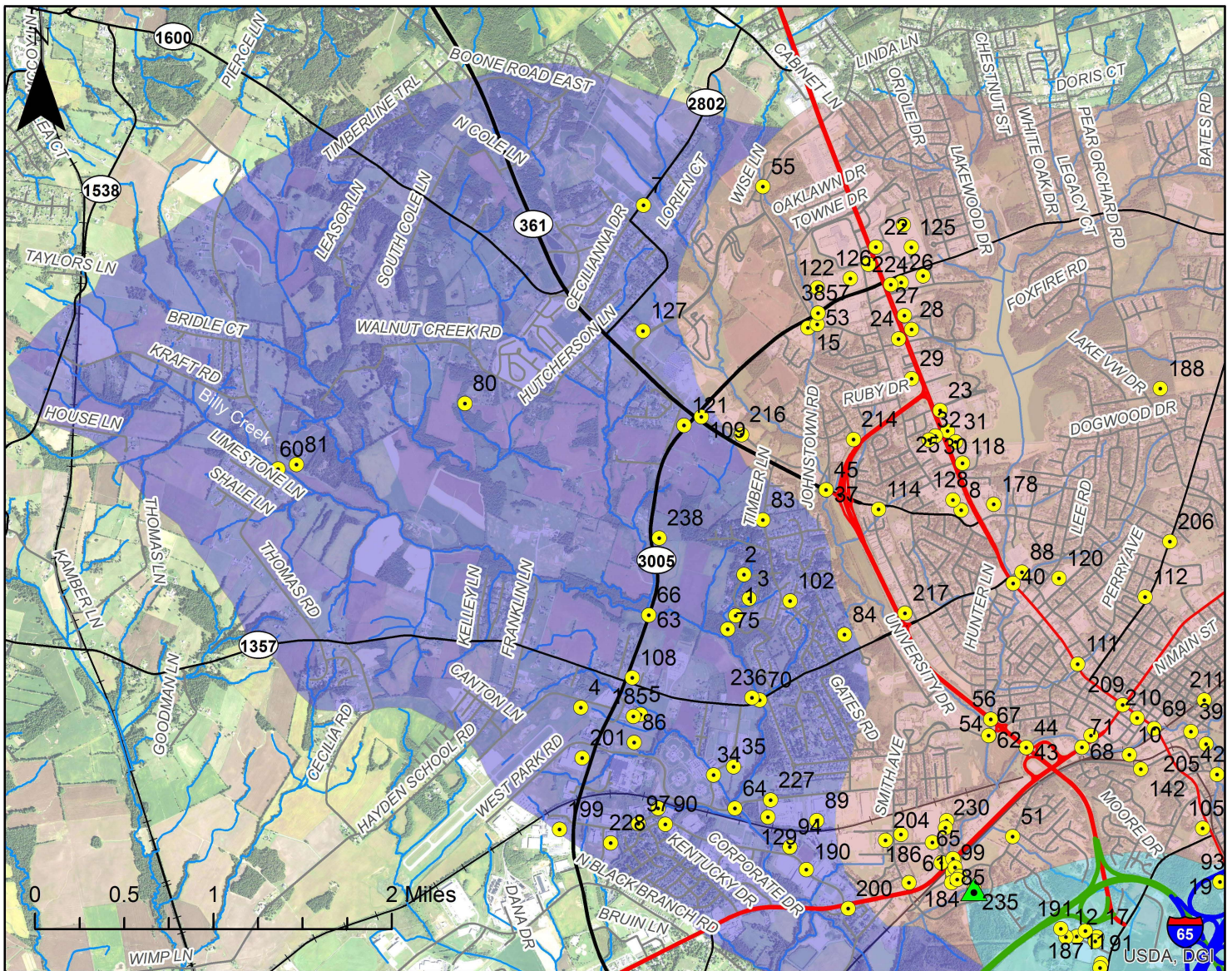
Observation Well #6 (00055278) – Not active

Section 6: WHPA Map
















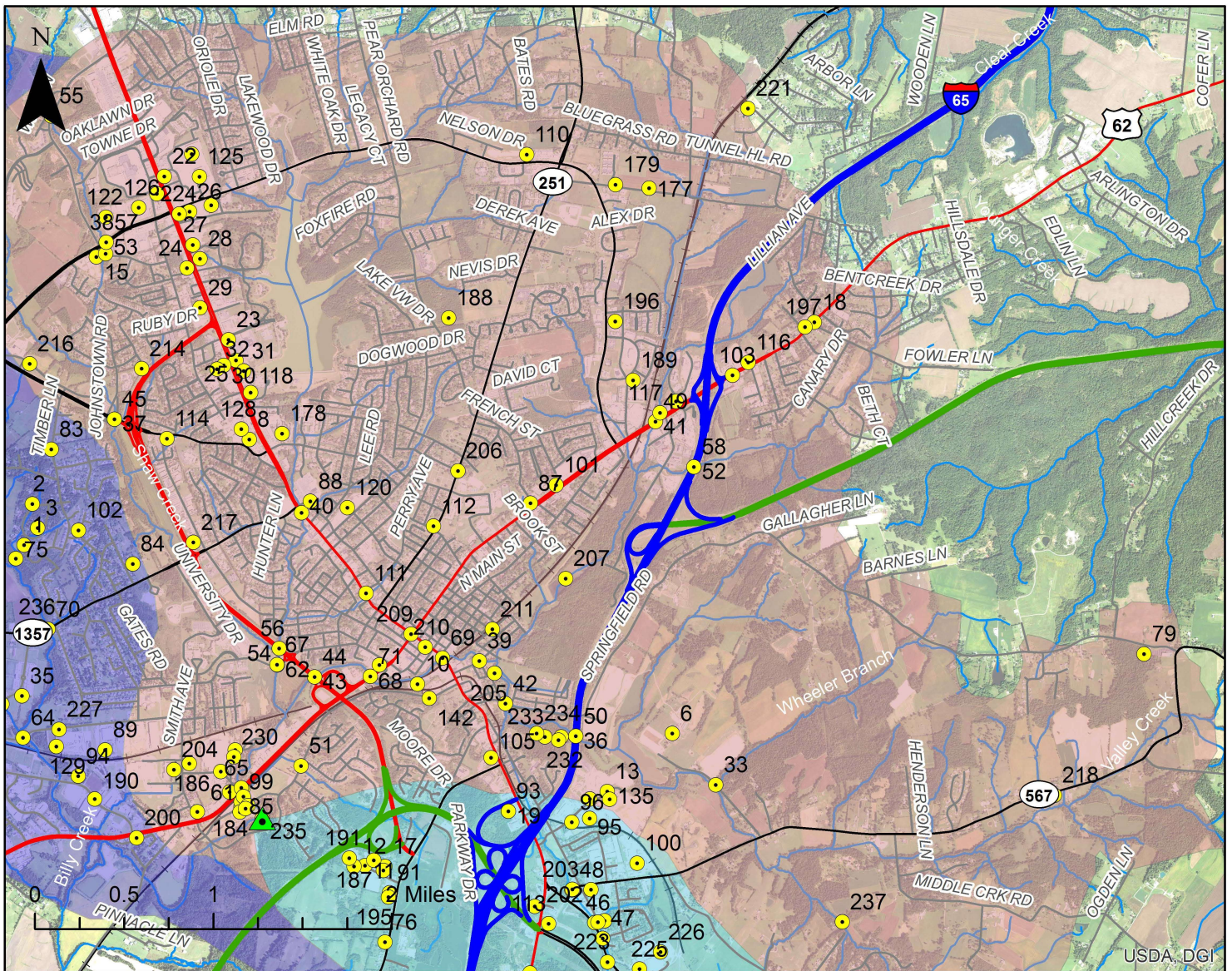
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|---|-----------------------------------|---|-------------|--|-----------------------|
|  | DOW Domestic Water Supply Intakes |  | Interstates | Wellhead Protection Areas (All Zone 1) | |
|  | Potential Contaminant Source |  | Parkways | | |
|  | 24K NHD Blueline Streams |  | US Highways | | |
|  | Active Railroad |  | State Roads | | |
| | |  | Local Roads | | |
| | | | |  | City Spring |
| | | | |  | Gaithers Spring/Dyers |
| | | | |  | WHPA 3A |
| | | | |  | WHPA 3B |
















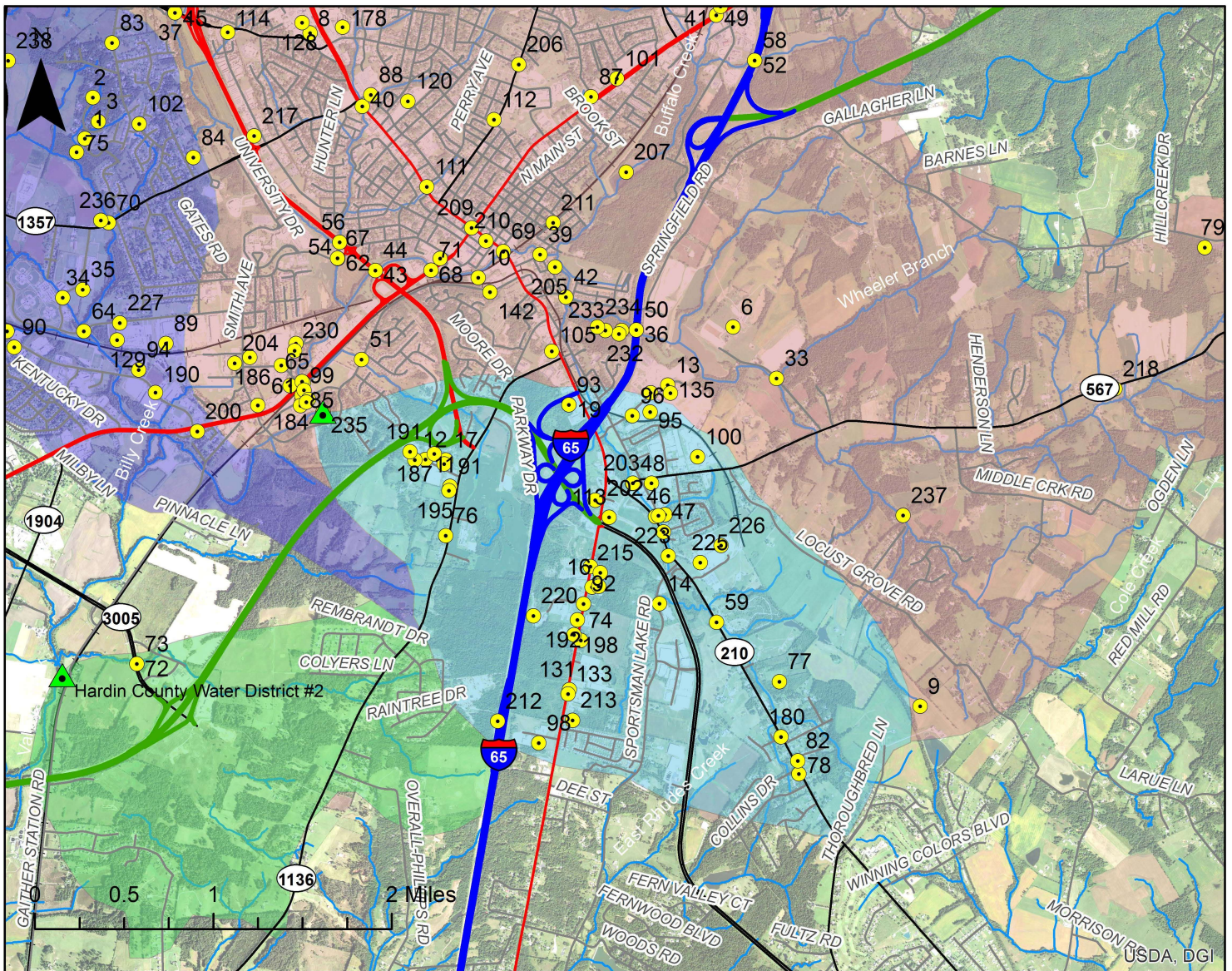
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|  | DOW Domestic Water Supply Intakes |  | Interstates | Wellhead Protection Areas (All Zone 1) | |
|  | Potential Contaminant Source |  | Parkways | | |
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|  | Active Railroad |  | State Roads | | |
| | |  | Local Roads | | |
| | | | |  | City Spring |
| | | | |  | Gaithers Spring/Dyers |
| | | | |  | WHPA 3A |
| | | | |  | WHPA 3B |
















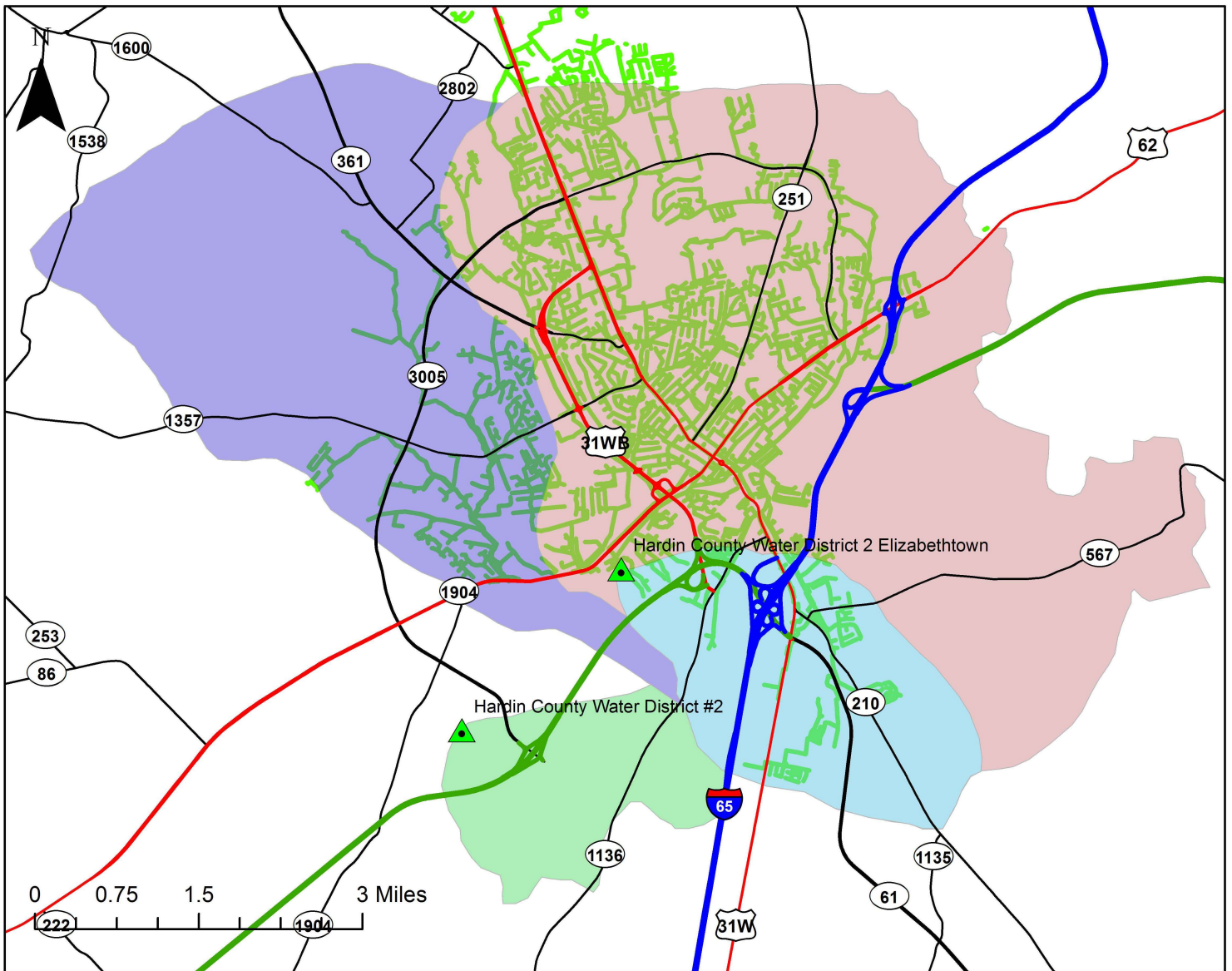
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|  DOW Domestic Water Supply Intakes |  Interstates | Wellhead Protection Areas (All Zone 1) |
|  Potential Contaminant Source |  Parkways | |
|  24K NHD Blueline Streams |  US Highways | |
|  Active Railroad |  State Roads | |
| |  Local Roads | |
| | |  City Spring |
| | |  Gaithers Spring/Dyers |
| | |  WHPA 3A |
| | |  WHPA 3B |



Legend





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|  | DOW Domestic Water Supply Intakes |  | Interstates | Wellhead Protection Areas (All Zone 1) | |
|  | Potential Contaminant Source |  | Parkways | | |
|  | 24K NHD Blueline Streams |  | US Highways | | |
|  | Active Railroad |  | State Roads | | |
| | |  | Local Roads | | |
| | | | |  | City Spring |
| | | | |  | Gaithers Spring/Dyers |
| | | | |  | WHPA 3A |
| | | | |  | WHPA 3B |



Legend

-  DOW Domestic Water Supply Intakes
-  Interstates
-  Parkways
-  US Highways
-  State Roads
-  Sewer Lines

Wellhead Protection Areas (All Zone 1)

-  City Spring
-  Gaithers Spring/Dyers
-  WHPA 3A
-  WHPA 3B

Section 7: Contaminant Source Inventory

SWAPP Contaminant Source Inventory and Susceptibility Analysis for

Hardin County Water District 2: City Spring

PWSID:470175

CSI Map ID #	Site ID	Contaminant Source Type	CS Type Code	Name	Address	Lat	Lon	Quantity	Zone	Proximity Value	Contaminant Value	Hydrologic Sensitivity	Numeric Rating	Susceptibility Ranking	Description/ Notes
1	10034	Agricultural Well	G-1	Residence - Frank Crain		37.701111	-85.899167	1	1	3	3	5	20	HIGH	Agriculture
2	10038	Agricultural Well	G-1	Residence - Frank Crowe		37.704444	-85.898333	1	1	3	3	5	20	HIGH	Agriculture
3	16339	Agricultural Well	G-1	Residence - John Rhodes		37.7025	-85.897778	1	1	3	3	5	20	HIGH	Agriculture
4	20395	Agricultural Well	G-1	Residence - Raymond Thomas		37.693611	-85.915	1	1	3	3	5	20	HIGH	Agriculture
5	20396	Agricultural Well	G-1	Residence - Terry Adams		37.693056	-85.908889	1	1	3	3	5	20	HIGH	Agriculture
6	34540	Agricultural Well	G-1	Residence - William R Hart		37.685833	-85.832778	1	1	3	3	5	20	HIGH	Agriculture
7	66334	Agricultural Well	G-1	Highland Sod Farms, Inc		37.734482	-85.908691	1	1	3	3	5	20	HIGH	Agriculture
8	07107.02*H	Airport/ Heliport/ Abandoned Airfield	C-1	Baptist Memorial Hospital		37.709722	-85.876111	1	1	3	3	5	20	HIGH	Private Heliport
9	07107.03*A	Airport/ Heliport/ Abandoned Airfield	C-1	OZ		37.655	-85.813611	1	1	3	3	5	20	HIGH	Private Airport
10	AI-103256	Asphalt/ Cement/ Concrete plants	I-1	Asphalt Materials Inc		37.689833	-85.858861	1	1	3	2	5	17	HIGH	GPP - Approved
11	KYG110224, AI-1651	Asphalt/ Cement/ Concrete plants	I-1	IMI South LLC - Elizabethtown 871		37.675048	-85.864237	1	1	3	2	5	17	HIGH	KPDES Permits, UST-Active

CSI Map ID #	Site ID	Contaminant Source Type	CS Type Code	Name	Address	Lat	Lon	Quantity	Zone	Proximity Value	Contaminant Value	Hydrologic Sensitivity	Numeric Rating	Susceptibility Ranking	Description/ Notes
12	KYV0930048	Asphalt/ Cement/ Concrete plants	I-1	ISHAM CONCRETE PRODUCTS		37.675	-85.865333	1	1	3	2	5	17	HIGH	UIC-Large Capacity Septic System
13	KYG110145	Asphalt/ Cement/ Concrete plants	I-1	Sherman Dixie Concrete Industries Inc		37.681111	-85.839444	1	1	3	2	5	17	HIGH	KPDES Permits
14	KYG110210, AI-1659	Asphalt/ Cement/ Concrete plants	I-1	Smyrna Ready Mix Concrete Inc Plant 201		37.663333	-85.840278	1	1	3	2	5	17	HIGH	KPDES Permits, UST-Active
15	KYR10P430	Auto Repair Shops/ Body Shops	C-2	Caliber Collision		37.72454	-85.89182	1	1	3	3	5	20	HIGH	KPDES Permits
16	KYV0930049	Auto Repair Shops/ Body Shops	C-2	DIESEL DOCS REPAIR/Republic Services		37.664667	-85.847167	1	1	3	3	5	20	HIGH	UIC-Large Capacity Septic System
17	KYV0930042	Auto Repair Shops/ Body Shops	C-2	E-TOWN SMALL ENGINE REPAIR		37.675	-85.862167	1	1	3	3	5	20	HIGH	UIC-Large Capacity Septic System
18	KYV0930417	Auto Repair Shops/ Body Shops	C-2	HAROLD LEWIS AUTO SERVICE		37.7193	-85.818273	1	1	3	3	5	20	HIGH	UIC-Large Capacity Septic System
19		Auto Repair Shops/ Body Shops	C-2	Dougs Tire Service		37.679497	-85.849566	1	1	3	3	5	20	HIGH	Windshield Survey
20		Auto Repair Shops/ Body Shops	C-2	Schardein Mechanical		37.685421	-85.90709	1	1	3	3	5	20	HIGH	Windshield Survey

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21		Auto Repair Shops/ Body Shops	C-2	Cochran Mechanical		37.681033	-85.878103	1	1	3	3	5	20	HIGH	Windshield Survey
22		Auto Repair Shops/ Body Shops	C-2	Valvoline (Walmart Dr)		37.731102	-85.884873	1	1	3	3	5	20	HIGH	Windshield Survey
23		Auto Repair Shops/ Body Shops	C-2	Valvoline (N. Dixie Ave)		37.717824	-85.878262	1	1	3	3	5	20	HIGH	Windshield Survey
24		Auto Repair Shops/ Body Shops	C-2	Meinike Car Care Center		37.723644	-85.882547	1	1	3	3	5	20	HIGH	Windshield Survey
25		Auto Repair Shops/ Body Shops	C-2	Ken Tire & Auto Service		37.716155	-85.877508	1	1	3	3	5	20	HIGH	Windshield Survey
26		Auto Repair Shops/ Body Shops	C-2	Herb Jones Chevrolet		37.728238	-85.882265	1	1	3	3	5	20	HIGH	Windshield Survey
27		Auto Repair Shops/ Body Shops	C-2	Pinkham Lincoln Automotive		37.72554	-85.881928	1	1	3	3	5	20	HIGH	Windshield Survey
28		Auto Repair Shops/ Body Shops	C-2	Kia Store Elizabethtown		37.724411	-85.881204	1	1	3	3	5	20	HIGH	Windshield Survey
29		Auto Repair Shops/ Body Shops	C-2	Big M Certified Pre-Owned		37.720414	-85.881199	1	1	3	3	5	20	HIGH	Windshield Survey

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30		Auto Repair Shops/ Body Shops	C-2	Swope Hyundai Service		37.715742	-85.878763	1	1	3	3	5	20	HIGH	Windshield Survey
31		Auto Repair Shops/ Body Shops	C-2	Swope Toyota		37.71528	-85.876692	1	1	3	3	5	20	HIGH	Windshield Survey
32		Auto Repair Shops/ Body Shops	C-2	Swope Collision Center and Body Shop		37.715424	-85.879423	1	1	3	3	5	20	HIGH	Windshield Survey
33	047C00074N	Bridges and Culverts	M-1	VALLEY CRK LN	WHEELER BRANCH	37.681667	-85.828333	1	1	3	3	5	20	HIGH	Bridge
34	047C00081N	Bridges and Culverts	M-1	WILLMOTH WAY	Lucas Creek	37.68815	-85.9014	1	1	3	3	5	20	HIGH	Bridge
35	047C00080N	Bridges and Culverts	M-1	ELIZABETHTOWN SPORTS PARK RD 2	Field Drain	37.688823	-85.899352	1	1	3	3	5	20	HIGH	Bridge
36	047B00021N	Bridges and Culverts	M-1	I-65	VALLEY CREEK	37.685606	-85.842675	1	1	3	3	5	20	HIGH	Culvert
37	047B00173N	Bridges and Culverts	M-1	CARDINAL DR	Shaw Creek	37.711354	-85.889946	1	1	3	3	5	20	HIGH	Culvert
38	047B00162N	Bridges and Culverts	M-1	RING RD	SHAW CREEK	37.725736	-85.890798	1	1	3	3	5	20	HIGH	Culvert
39	047C00084N	Bridges and Culverts	M-1	HAYCRAFT ST	Valley Creek	37.691724	-85.85254	1	1	3	3	5	20	HIGH	Culvert
40	047B00139N	Bridges and Culverts	M-1	WEST DIXIE AVE	FREEMAN CREEK	37.703762	-85.870761	1	1	3	3	5	20	HIGH	Culvert
41	047B00025N	Bridges and Culverts	M-1	NORTH MULBERRY ST	BUFFALO CREEK	37.711203	-85.834525	1	1	3	3	5	20	HIGH	Culvert

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42	047C00066N	Bridges and Culverts	M-1	SPRINGFIELD RD	VALLEY CREEK	37.688252	-85.849882	1	1	3	3	5	20	HIGH	Culvert
43	047B00106N	Bridges and Culverts	M-1	31W BYP NC	VALLEY CREEK	37.690412	-85.869403	1	1	3	3	5	20	HIGH	Culvert
44	047B00106N	Bridges and Culverts	M-1	31W BYP	VALLEY CREEK	37.690412	-85.869403	1	1	3	3	5	20	HIGH	Culvert
45	047B00173N	Bridges and Culverts	M-1	PATRIOT PKWY NC	Shaw Creek	37.711354	-85.889946	1	1	3	3	5	20	HIGH	Culvert
46	047C00090N	Bridges and Culverts	M-1	HAWKINS DR	Nichols Creek	37.670429	-85.840697	1	1	3	3	5	20	HIGH	Culvert
47	047C00089N	Bridges and Culverts	M-1	PAR LN	Nichols Creek	37.669169	-85.839885	1	1	3	3	5	20	HIGH	Culvert
48	047B00174N	Bridges and Culverts	M-1	VALLEY CRK RD	Unnamed stream	37.673102	-85.843043	1	1	3	3	5	20	HIGH	Culvert
49	047B00025N	Bridges and Culverts	M-1	NORTH MULBERRY ST NC	BUFFALO CREEK	37.711203	-85.834525	1	1	3	3	5	20	HIGH	Culvert
50	047B00021N	Bridges and Culverts	M-1	I-65 NC	VALLEY CREEK	37.685606	-85.842675	1	1	3	3	5	20	HIGH	Culvert
51	047C00082N	Bridges and Culverts	M-1	NICHOLAS ST	Unknown Creek	37.683168	-85.870788	1	1	3	3	5	20	HIGH	Culvert
52	047B00011N	Bridges and Culverts	M-1	I-65	TOWN BRANCH	37.707526	-85.830594	1	1	3	3	5	20	HIGH	Culvert
53	047C00072N	Bridges and Culverts	M-1	BUFORD LN	SHAW CREEK	37.724813	-85.890867	1	1	3	3	5	20	HIGH	Culvert
54	047B00105N	Bridges and Culverts	M-1	31W BYP	FREEMAN CREEK	37.692713	-85.873041	1	1	3	3	5	20	HIGH	Culvert

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55	047C00075N	Bridges and Culverts	M-1	VETERANS WAY	Shaw Creek	37.736016	-85.896448	1	1	3	3	5	20	HIGH	Culvert
56	047B00105N	Bridges and Culverts	M-1	31W BYP NC	FREEMAN CREEK	37.692713	-85.873041	1	1	3	3	5	20	HIGH	Culvert
57	047B00162N	Bridges and Culverts	M-1	RING RD NC	SHAW CREEK	37.725736	-85.890798	1	1	3	3	5	20	HIGH	Culvert
58	047B00011N	Bridges and Culverts	M-1	I-65 NC	TOWN BRANCH	37.707526	-85.830594	1	1	3	3	5	20	HIGH	Culvert
59	047B00027N	Bridges and Culverts	M-1	HODGENVILLE RD	UNNAMED STREAM	37.661823	-85.834447	1	1	3	3	5	20	HIGH	Culvert
60	047C00001N	Bridges and Culverts	M-1	THOMAS RD	BILLY CREEK	37.712966	-85.946051	1	1	3	3	5	20	HIGH	Bridge
61	047B00143R	Bridges and Culverts	M-1	SOUTH MULBERRY ST	VALLEY CREEK	37.681275	-85.876757	1	1	3	3	5	20	HIGH	Bridge
62	047C00083N	Bridges and Culverts	M-1	COLLEGE ST RD	Freeman Creek	37.691378	-85.873235	1	1	3	3	5	20	HIGH	Bridge
63	047B00161N	Bridges and Culverts	M-1	RING RD NC	BILLY CREEK	37.701144	-85.908064	1	1	3	3	5	20	HIGH	Bridge
64	047C00077N	Bridges and Culverts	M-1	WEST PARK RD	Billy Creek	37.685426	-85.899234	1	1	3	3	5	20	HIGH	Bridge
65	047B00143L	Bridges and Culverts	M-1	SOUTH MULBERRY ST NC	VALLEY CREEK	37.681365	-85.876893	1	1	3	3	5	20	HIGH	Bridge
66	047B00161N	Bridges and Culverts	M-1	RING RD	BILLY CREEK	37.701144	-85.908064	1	1	3	3	5	20	HIGH	Bridge
67	047C00083N	Bridges and Culverts	M-1	COLLEGE ST RD NC	Freeman Creek	37.691393	-85.87326	1	1	3	3	5	20	HIGH	Bridge

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68	047B00104N	Bridges and Culverts	M-1	SOUTH MULBERRY ST	VALLEY CREEK	37.690446	-85.863703	1	1	3	3	5	20	HIGH	Bridge
69	047B00100N	Bridges and Culverts	M-1	E DIXIE AVE	VALLEY CREEK	37.691961	-85.856305	1	1	3	3	5	20	HIGH	Bridge
70	047B00082N	Bridges and Culverts	M-1	SAINT JOHN RD	BILLYS CREEK	37.694249	-85.896701	1	1	3	3	5	20	HIGH	Bridge
71	047B00104N	Bridges and Culverts	M-1	SOUTH MULBERRY ST NC	VALLEY CREEK	37.690446	-85.863703	1	1	3	3	5	20	HIGH	Bridge
72	047B00170N	Bridges and Culverts	M-1	Valley Creek		37.65838	-85.893762	1	1	3	3	5	20	HIGH	Culvert
73	047B00170N	Bridges and Culverts	M-1	Valley Creek		37.65838	-85.893762	1	1	3	3	5	20	HIGH	Culvert
74	KYV0930131, KYV0930058	Car/ Boat/ Camper Dealerships	C-6	Etown Power Sports		37.660333	-85.848333	1	1	3	3	5	20	HIGH	UIC- Stormwater Drainage/Dry Well, UIC- Large Capacity Septic System
75	KYD039853908, KY0087491	Chemical Plant	I-2	Flint Group Pigments		37.7	-85.9	1	1	3	3	5	20	HIGH	EPA RCRA, KPDES Permits
76	KYV0930029	Churches	C-9	Trinity Church		37.668833	-85.862167	1	1	3	2	5	17	HIGH	UIC-Large Capacity Septic System
77	KYV0930195	Churches	C-9	ELIM HOLINESS TABERNACLE		37.657	-85.828	1	1	3	2	5	17	HIGH	UIC-Large Capacity Septic System

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78	KYV0930196	Churches	C-9	FULL GOSPEL CHURCH - ELIZABETHTOWN		37.6495	-85.826	1	1	3	2	5	17	HIGH	UIC-Large Capacity Septic System
79	KYV0930198	Churches	C-9	VALLEY CREEK BAPTIST CHURCH		37.692333	-85.7845	1	1	3	2	5	17	HIGH	UIC-Large Capacity Septic System
80	2135	Domestic Wells	G-7	Residence - Charles Clark		37.718333	-85.926944	1	1	3	1	5	14	MED	Domestic
81	10833	Domestic Wells	G-7	Residence - Carven Hunley		37.713333	-85.944167	1	1	3	1	5	14	MED	Domestic
82	31431	Domestic Wells	G-7	Residence - Helbert Slinker		37.650556	-85.826111	1	1	3	1	5	14	MED	Domestic
83	51469	Domestic Wells	G-7	Residence - Debbie Beach		37.708889	-85.896389	1	1	3	1	5	14	MED	Domestic
84	68520	Domestic Wells	G-7	Residence - Aubrey J Young		37.699578	-85.888039	1	1	3	1	5	14	MED	Domestic
85	KYG640184	Drinking Water Treatment Plant	M-3	Hardin Co Water District-Elizabethtown Plant		37.679833	-85.876917	1	1	3	2	5	17	HIGH	KPDES Permits
86	KYR100774	Drinking Water Treatment Plant	M-3	HCWD#2/Nolin Site Improvements		37.690786	-85.909536	1	1	3	2	5	17	HIGH	KPDES Permits
87	AI-64134	Dry Cleaners	C-10	T Mart #7		37.704556	-85.847339	1	1	3	3	5	20	HIGH	Superfund Sites - Active, UST-Active
88	AI-38296	Dry Cleaners	C-10	Elizabethtown Laundry & Dry Cleaners		37.704687	-85.86987	1	1	3	3	5	20	HIGH	Superfund Sites - Active
89	AI-1655, KYR003132, AI-61327	Electronic Manufacturing	I-4	Alabama Wire Products		37.684444	-85.890833	1	1	3	3	5	20	HIGH	KPDES Permits, Superfund Sites - Active,

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90		Equipment Rental/ Repair Shops	C-11	Taylor Machine Works		37.684127	-85.906335	1	1	3	2	5	17	HIGH	Windshield Survey
91	KYV0930041	Farm Machinery Repair Areas	A-11	Wright Implement		37.672851	-85.861723	1	1	3	3	5	20	HIGH	UIC-Large Capacity Septic System
92	KYR004146	Fleet/ Truck/ Bus Terminals	C-12	Rumpke of KY Hardin Co Truck Depot & Transfer Station		37.663306	-85.848055	1	1	3	3	5	20	HIGH	KPDES Permits
93	KYR003118	Food Processing	C-13	Rolling Frito-Lay Sales LP		37.679497	-85.849566	1	1	3	2	5	17	HIGH	KPDES Permits
94	KYR003767	Foundries and Metal Fabricators	I-5	Enprotech Mechanical Services Inc		37.6823	-85.8936	1	1	3	3	5	20	HIGH	KPDES Permits
95	KYR004030	Foundries and Metal Fabricators	I-5	Modern Welding Co of Kentucky Inc		37.678921	-85.841248	1	1	3	3	5	20	HIGH	KPDES Permits
96	KYR000036335	Foundries and Metal Fabricators	I-5	Modern Welding Company of Kentucky Inc - Elizabethtown		37.67861	-85.84307	1	1	3	3	5	20	HIGH	EPA RCRA
97	KYR000073262	Foundries and Metal Fabricators	I-5	Phoenix Roller Bearing		37.684165	-85.909104	1	1	3	3	5	20	HIGH	EPA RCRA
98	KYR000031328	Foundries and Metal Fabricators	I-5	Stucki Roller Bearing Co		37.651977	-85.852624	1	1	3	3	5	20	HIGH	EPA RCRA
99	AI-61416	Garages (Municipal)	M-4	Elizabethtown Public Works Dept.		37.680231	-85.876912	1	1	3	2	5	17	HIGH	UST-Active
100	AI-1678	Garages (Municipal)	M-4	Hardin Co State Maintenance & Equipment Garage		37.675278	-85.836389	1	1	3	2	5	17	HIGH	UST-Active
101	AI-61322	Garages (Municipal)	M-4	KSP 912		37.706036	-85.844709	1	1	3	1	5	14	MED	GPP - Approved, UST-Active

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102	AI-61327	Gas stations (existing & abandoned/historic)	C-16	AJ Minit Mart - Marathon Gas	534 West Dixie Avenue	37.7023	-85.8936	1	1	3	3	5	20	HIGH	UST-Active
103	AI-61394	Gas stations (existing & abandoned/historic)	C-16	Five Star #3327		37.714972	-85.826639	1	1	3	3	5	20	HIGH	UST-Active
104	AI-61381	Gas stations (existing & abandoned/historic)	C-16	Five Star Food Mart #3322		37.712861	-85.832444	1	1	3	3	5	20	HIGH	UST-Active
105	AI-61413	Gas stations (existing & abandoned/historic)	C-16	FiveStar #3321		37.683861	-85.851333	1	1	3	3	5	20	HIGH	UST-Active
106	AI-61355, KYR10Q056	Gas stations (existing & abandoned/historic)	C-16	FiveStar #3323		37.679416	-85.881403	1	1	3	3	5	20	HIGH	UST-Active, KPDES Permits
107	AI-98087	Gas stations (existing & abandoned/historic)	C-16	FiveStar #3326		37.671747	-85.846849	1	1	3	3	5	20	HIGH	UST-Active
108	AI-137043	Gas stations (existing & abandoned/historic)	C-16	FiveStar #3328		37.696042	-85.909744	1	1	3	3	5	20	HIGH	UST-Active

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109	AI-80128	Gas stations (existing & abandoned/historic)	C-16	G&K 1101 - Valero		37.717278	-85.902722	1	1	3	3	5	20	HIGH	UST-Active
110	AI-106402	Gas stations (existing & abandoned/historic)	C-16	G&K 2400-Shell		37.732923	-85.847734	1	1	3	3	5	20	HIGH	UST-Active
111	AI-61406	Gas stations (existing & abandoned/historic)	C-16	Ishani Inc		37.697211	-85.864145	1	1	3	3	5	20	HIGH	UST-Active
112	AI-61374	Gas stations (existing & abandoned/historic)	C-16	North Miles Convenience Store		37.702683	-85.857258	1	1	3	3	5	20	HIGH	UST-Active
113	KYR100856, AI-166855	Gas stations (existing & abandoned/historic)	C-16	Racetrac - South Dixie Highway (#2597)		37.670359	-85.845438	1	1	3	3	5	20	HIGH	KPDES Permits, UST-Active
114	AI-61376	Gas stations (existing & abandoned/historic)	C-16	S&M Mart #2 - Sunoco		37.70977	-85.884551	1	1	3	3	5	20	HIGH	UST-Active
115	AI-61375	Gas stations (existing & abandoned/historic)	C-16	Singh Mart 3		37.667222	-85.839389	1	1	3	3	5	20	HIGH	UST-Active

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116	AI-61340	Gas stations (existing & abandoned/historic)	C-16	S-Mart 2		37.716031	-85.825044	1	1	3	3	5	20	HIGH	GPP - Approved, UST-Active
117	AI-61361	Gas stations (existing & abandoned/historic)	C-16	Speedway #9622		37.711917	-85.834083	1	1	3	3	5	20	HIGH	GPP - Approved, UST-Active
118	AI-61362	Gas stations (existing & abandoned/historic)	C-16	Speedway #9656		37.71353	-85.87598	1	1	3	3	5	20	HIGH	GPP - Approved, UST-Active
119		Gas stations (existing & abandoned/historic)	C-16	Speedway		37.729694	-85.885624	1	1	3	3	5	20	HIGH	
120	KYR000063784	Grocery/ Department Stores	C-18	Family Dollar #656		37.704179	-85.866074	1	1	3	2	5	17	HIGH	EPA RCRA
121	KYR10Q192	Grocery/ Department Stores	C-18	Ring Road Dollar General Store		37.716575	-85.904497	1	1	3	2	5	17	HIGH	KPDES Permits
122	KYR000047126, AI-82740	Grocery/ Department Stores	C-18	Sams Club #4992		37.727778	-85.890833	1	1	3	2	5	17	HIGH	EPA RCRA, UST-Active
123	KYR000051862	Grocery/ Department Stores	C-18	Target Store T0779		37.72877	-85.880048	1	1	3	2	5	17	HIGH	EPA RCRA
124	KYR000041475	Grocery/ Department Stores	C-18	Wal-mart Supercenter		37.732933	-85.882062	1	1	3	2	5	17	HIGH	EPA RCRA
125	KYR000048330	Hardware/ Lumber/ Parts stores	C-19	Lowes of Elizabethtown #460		37.731093	-85.881254	1	1	3	2	5	17	HIGH	EPA RCRA

CSI Map ID #	Site ID	Contaminant Source Type	CS Type Code	Name	Address	Lat	Lon	Quantity	Zone	Proximity Value	Contaminant Value	Hydrologic Sensitivity	Numeric Rating	Susceptibility Ranking	Description/ Notes
126	KYR000037085	Hardware/ Lumber/ Parts stores	C-19	The Home Depot		37.728562	-85.887484	1	1	3	2	5	17	HIGH	EPA RCRA
127	KYR000063503	Hospitals	C-21	Baptist Health Cancer Center		37.724263	-85.908714	1	1	3	2	5	17	HIGH	EPA RCRA
128	KYD144303864, KYR10P718, AI-1675	Hospitals	C-21	Baptist Health Hardin		37.710556	-85.876944	1	1	3	2	5	17	HIGH	EPA RCRA, KPDES Permits, UST-Active
129	31349	Industrial Well	G-8	Westfall/Alcatel Inc		37.684722	-85.895833	1	1	3	2	5	17	HIGH	Industrial
130		Junk Yards (Scrap and Auto)	C-22	CRHC Freedom Metals		37.684454	-85.877525	1	1	3	3	5	20	HIGH	Windshield Survey
131	KYV0930066	Junk Yards (Scrap and Auto)	C-22	ELIZABETHTOWN SCRAP METAL CO.		37.656333	-85.8495	1	1	3	3	5	20	HIGH	UST-Active
132	KYV0930050	Junk Yards (Scrap and Auto)	C-22	JOHN NICHOLS AUTO RECYCLING CENTER		37.666333	-85.847333	1	1	3	3	5	20	HIGH	UIC-Large Capacity Septic System
133	KYV0930459	Junk Yards (Scrap and Auto)	C-22	LUCAS SCRAP METAL & RECYCLING		37.655968	-85.849625	1	1	3	3	5	20	HIGH	UIC-Large Capacity Septic System
134	AI-122798	Junk Yards (Scrap and Auto)	C-22	Waddells Auto & Scrap Metal Recycling		37.680488	-85.841201	1	1	3	3	5	20	HIGH	GPP - Approved
135		Junk Yards (Scrap and Auto)	C-22	Waddells Auto & Scrap Metal Recycling		37.680472	-85.839188	1	1	3	3	5	20	HIGH	
136		Lift Station	M-6	Gates Field Lift Station - Sanitary Sewer Manhole		37.6798	85.8847	1	1	3	2	5	17	HIGH	2009 Elizabethtown WHPP 5 year Update

CSI Map ID #	Site ID	Contaminant Source Type	CS Type Code	Name	Address	Lat	Lon	Quantity	Zone	Proximity Value	Contaminant Value	Hydrologic Sensitivity	Numeric Rating	Susceptibility Ranking	Description/ Notes
137		Lift Station	M-6	Poplar St. Lift Station		37.6922	85.851	1	1	3	2	5	17	HIGH	2009 Elizabethtown WHPP 5 year Update
138		Lift Station	M-6	Freeman Lake Lift Station #1- Sanitary Sewer Manhole		37.723	85.8767	1	1	3	2	5	17	HIGH	2009 Elizabethtown WHPP 5 year Update
139		Lift Station	M-6	Freeman Lake Lift Station #2- Sanitary Sewer Manhole		37.7217	85.8747	1	1	3	2	5	17	HIGH	2009 Elizabethtown WHPP 5 year Update
140		Lift Station	M-6	Freeman Lake Lift Station #3- Sanitary Sewer Manhole		37.719	85.8728	1	1	3	2	5	17	HIGH	2009 Elizabethtown WHPP 5 year Update
141		Lift Station	M-6	Nall Street Lift Station		37.7298	85.878	1	1	3	2	5	17	HIGH	2009 Elizabethtown WHPP 5 year Update
142		Lift Station	M-6	Nicholas St. Lift Station		37.688671	-85.857665	1	1	3	2	5	17	HIGH	2009 Elizabethtown WHPP 5 year Update
143		Lift Station	M-6	McCamish Dr. Lift Station		37.6749	85.8636	1	1	3	2	5	17	HIGH	2009 Elizabethtown WHPP 5 year Update

CSI Map ID #	Site ID	Contaminant Source Type	CS Type Code	Name	Address	Lat	Lon	Quantity	Zone	Proximity Value	Contaminant Value	Hydrologic Sensitivity	Numeric Rating	Susceptibility Ranking	Description/ Notes
144		Lift Station	M-6	Bush Lane Lift Station - Hydrant		37.6785	85.8594	1	1	3	2	5	17	HIGH	2009 Elizabethtown WHPP 5 year Update
145		Lift Station	M-6	Airport Lift Station		37.6887	85.9257	1	1	3	2	5	17	HIGH	2009 Elizabethtown WHPP 5 year Update
146		Lift Station	M-6	Freeman Lake #4 Lift Station		37.726	85.8628	1	1	3	2	5	17	HIGH	2009 Elizabethtown WHPP 5 year Update
147		Lift Station	M-6	Foxfire Lift Station		37.726	85.8628	1	1	3	2	5	17	HIGH	2009 Elizabethtown WHPP 5 year Update
148		Lift Station	M-6	Howell Ind Center Lift Station		37.7125	85.8254	1	1	3	2	5	17	HIGH	2009 Elizabethtown WHPP 5 year Update
149		Lift Station	M-6	Les Pinkham Lift Station		37.7254	85.8823	1	1	3	2	5	17	HIGH	2009 Elizabethtown WHPP 5 year Update
150		Lift Station	M-6	Ivy Point Lift Station		37.6564	85.8433	1	1	3	2	5	17	HIGH	2009 Elizabethtown WHPP 5 year Update

CSI Map ID #	Site ID	Contaminant Source Type	CS Type Code	Name	Address	Lat	Lon	Quantity	Zone	Proximity Value	Contaminant Value	Hydrologic Sensitivity	Numeric Rating	Susceptibility Ranking	Description/ Notes
151		Lift Station	M-6	Lakecrest Lift Station		37.7317	85.8796	1	1	3	2	5	17	HIGH	2009 Elizabethtown WHPP 5 year Update
152		Lift Station	M-6	Skyline Dr. Lift Station		37.6803	85.86	1	1	3	2	5	17	HIGH	2009 Elizabethtown WHPP 5 year Update
153		Lift Station	M-6	Gates Road Lift Station		37.6902	85.8873	1	1	3	2	5	17	HIGH	2009 Elizabethtown WHPP 5 year Update
154		Lift Station	M-6	Budco Lane Lift Station		37.653	85.8541	1	1	3	2	5	17	HIGH	2009 Elizabethtown WHPP 5 year Update
155		Lift Station	M-6	Beechwood Lift Station		37.7065	85.9	1	1	3	2	5	17	HIGH	2009 Elizabethtown WHPP 5 year Update
156		Lift Station	M-6	South Gate Lift Station		37.6833	85.8448	1	1	3	2	5	17	HIGH	2009 Elizabethtown WHPP 5 year Update
157		Lift Station	M-6	Glendale Road Lift Station		37.6822	85.8551	1	1	3	2	5	17	HIGH	2009 Elizabethtown WHPP 5 year Update

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158		Lift Station	M-6	Moore Ave. Lift Station		37.6825	85.8616	1	1	3	2	5	17	HIGH	2009 Elizabethtown WHPP 5 year Update
159		Lift Station	M-6	Hawkins Drive Lift Station		37.6741	85.843	1	1	3	2	5	17	HIGH	2009 Elizabethtown WHPP 5 year Update
160		Lift Station	M-6	Upper Lake Lift Station - Sanitary Sewer Manhole		37.7317	85.8707	1	1	3	2	5	17	HIGH	2009 Elizabethtown WHPP 5 year Update
161		Lift Station	M-6	Pear Orchard Lift Station		37.7226	85.8634	1	1	3	2	5	17	HIGH	2009 Elizabethtown WHPP 5 year Update
162	WK-9001	Major Roadways	M-7	WENDELL H FORD- WESTERN KENTUCKY PKWY				1	1	3	3	5	20	HIGH	Parkways
163	BG-9002	Major Roadways	M-7	MARTHA LAYNE COLLINS-BLUEGRASS PKWY				1	1	3	3	5	20	HIGH	Parkways
164	US-31	Major Roadways	M-7	31W BYP				1	1	3	3	5	20	HIGH	Hwys
165	US-62	Major Roadways	M-7	BARDSTOWN RD				1	1	3	3	5	20	HIGH	Hwys
166	US-31	Major Roadways	M-7	E DIXIE AVE				1	1	3	3	5	20	HIGH	Hwys
167	US-62	Major Roadways	M-7	LEITCHFIELD RD				1	1	3	3	5	20	HIGH	Hwys
168	US-31	Major Roadways	M-7	N DIXIE HWY				1	1	3	3	5	20	HIGH	Hwys
169	US-31	Major Roadways	M-7	NORTH DIXIE AVE				1	1	3	3	5	20	HIGH	Hwys

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170	US-62	Major Roadways	M-7	NORTH MULBERRY ST				1	1	3	3	5	20	HIGH	Hwys
171	US-31	Major Roadways	M-7	PUBLIC SQ				1	1	3	3	5	20	HIGH	Hwys
172	US-31	Major Roadways	M-7	S DIXIE AVE Y				1	1	3	3	5	20	HIGH	Hwys
173	US-31	Major Roadways	M-7	S DIXIE HWY				1	1	3	3	5	20	HIGH	Hwys
174	US-62	Major Roadways	M-7	SOUTH MULBERRY ST				1	1	3	3	5	20	HIGH	Hwys
175	US-31	Major Roadways	M-7	WEST DIXIE AVE				1	1	3	3	5	20	HIGH	Hwys
176	I-65	Major Roadways	M-7	I-65				1	1	3	3	5	20	HIGH	Interstate
177	KYR100343	Medical/ Dental Offices/ Clinics	C-26	Eye Surgery Center of Elizabethtown		37.7302	-85.8352	1	1	3	2	5	17	HIGH	KPDES Permits
178	AI-70291	Medical/ Dental Offices/ Clinics	C-26	Helmwood Healthcare Center		37.710194	-85.872778	1	1	3	2	5	17	HIGH	UST-Active
179	KYR10Q141	Medical/ Dental Offices/ Clinics	C-26	Peridot Senior Living		37.73048	-85.838661	1	1	3	2	5	17	HIGH	KPDES Permits
180	KYV0930201	Mobile Home Park/ Campground	R-2	PINE TREE MOBILE HOME PARK		37.6525	-85.827833	1	1	3	2	5	17	HIGH	UIC-Large Capacity Septic System
181	55271	Municipal Wells (PWS)	G-9	Elizabethtown Water Dept.		37.679406	-85.877031	1	1	3	1	5	14	MED	PWS
182	55272	Municipal Wells (PWS)	G-9	Elizabethtown Water Dept.		37.680656	-85.876681	1	1	3	1	5	14	MED	PWS

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183	55273	Municipal Wells (PWS)	G-9	Elizabethtown Water Dept.		37.679914	-85.876211	1	1	3	1	5	14	MED	PWS
184	55283	Municipal Wells (PWS)	G-9	Elizabethtown Water Dept.		37.679683	-85.876447	1	1	3	1	5	14	MED	Other
185	KYD985079557	Other Commercial Sources	C-27	Nolin Rural Electric Cooperative Corporation		37.692901	-85.909621	1	1	3	3	5	20	HIGH	EPA RCRA
186	KYV0930476	Other Commercial Sources	C-27	COOPER BUSSMAN SITE		37.683333	-85.882222	1	1	3	2	5	17	HIGH	UIC - Aquifer Remediation
187	KYV0930043	Other Commercial Sources	C-27	EDELON FENCE CO.		37.6755	-85.863333	1	1	3	3	5	20	HIGH	UIC-Large Capacity Septic System
188	KYR10P643	Other Commercial Sources	C-27	Fall Creek Estates - Sections 1 & 2		37.719628	-85.855726	1	1	3	2	5	17	HIGH	KPDES Permits
189	KYR10O934	Other Commercial Sources	C-27	Gateway Office Complex		37.714569	-85.836833	1	1	3	2	5	17	HIGH	KPDES Permits
190	AI-124412	Other Commercial Sources	C-27	Inland Packaging Inc		37.680455	-85.891893	1	1	3	3	5	20	HIGH	UST-Active
191	KYV0930047	Other Commercial Sources	C-27	IRVIN MATERIALS INC.		37.675667	-85.865833	1	1	3	3	5	20	HIGH	UIC-Large Capacity Septic System
192	KYV0930070	Other Commercial Sources	C-27	KENTUCKY RENTAL SERVICE		37.662	-85.848667	1	1	3	3	5	20	HIGH	UIC-Large Capacity Septic System
193	KYR004366	Other Commercial Sources	C-27	Metalsa		37.682687	-85.879008	1	1	3	2	5	17	HIGH	KPDES Permits

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194	KYV0930044	Other Commercial Sources	C-27	STARR STAINLESS REPAIR INC.		37.674667	-85.862333	1	1	3	3	5	20	HIGH	UIC-Large Capacity Septic System
195	KYV0930341	Other Commercial Sources	C-27	TOWNSEND CLEANING AND GROWTH CONTROL		37.6725	-85.861833	1	1	3	3	5	20	HIGH	UIC-Large Capacity Septic System
196	AI-108126	Other Commercial Sources	C-27	Verizon Wireless - Head Quarters Cell Tower Engine		37.719356	-85.838664	1	1	3	1	5	14	MED	GPP - Approved
197	KYV0930419	Other Commercial Sources	C-27	WISE CONTRACTING		37.71892	-85.81923	1	1	3	3	5	20	HIGH	UIC-Large Capacity Septic System
198		Other Commercial Sources	C-27	AgRevolution LLC.		37.660799	-85.849034	1	1	3	3	5	20	HIGH	
199		Other Commercial Sources	C-27	Akebono		37.683692	-85.917169	1	1	3	3	5	20	HIGH	
200		Other Commercial Sources	C-27	Hub City Glass		37.677292	-85.887601	1	1	3	3	5	20	HIGH	
201	KYD98185523 2, KYR003972	Other Industrial Sources	I-16	Accumetric LLC - Packaging Plant		37.689517	-85.914864	1	1	3	3	5	20	HIGH	EPA RCRA, KPDES Permits
202	AI-11007	Other Industrial Sources	I-16	Former Ball Bros Inc		37.673126	-85.841097	1	1	3	3	5	20	HIGH	Superfund Sites - Active
203	AI-47693	Other Industrial Sources	I-16	Lubrichem Environmental Inc		37.673138	-85.843005	1	1	3	3	5	20	HIGH	Superfund Sites - Active
204	KYD98084760 2, KYR003219, AI-1665	Other Industrial Sources	I-16	The Gates Corp		37.682844	-85.883797	1	1	3	3	5	20	HIGH	EPA RCRA, KPDES Permits

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205	AI-53272	Other Industrial Sources	I-16	Valley Creek Drum		37.690714	-85.850994	1	1	3	3	5	20	HIGH	Superfund Sites - Active
206	AI-55253	Other Municipal Sources	M-10	American Legion Park Swimming Pool		37.707186	-85.854743	1	1	3	1	5	14	MED	GPP - Approved
207	KYR10P407	Other Municipal Sources	M-10	Buffalo Lake Restoration		37.698434	-85.843729	1	1	3	2	5	17	HIGH	KPDES Permits
208	AI-44134	Other Municipal Sources	M-10	Elizabethtown Police Station		37.691389	-85.862778	1	1	3	1	5	14	MED	GPP - Approved
209	KYG200035	Other Municipal Sources	M-10	Elizabethtown, City of		37.693897	-85.859547	1	1	3	2	5	17	HIGH	KPDES Permits
210	KYG200003	Other Municipal Sources	M-10	Hardin County Fiscal Court		37.692832	-85.858077	1	1	3	2	5	17	HIGH	KPDES Permits
211	KYR10O281	Other Municipal Sources	M-10	Haycraft Area Neighborhood Improvements Phase 5		37.6943	-85.8512	1	1	3	2	5	17	HIGH	KPDES Permits
212	AI-97563	Other Municipal Sources	M-10	I-65 S Weigh Station #1013 - Hardin Co		37.653755	-85.856829	1	1	3	3	5	20	HIGH	Superfund Sites - Active
213	KYV0930063	Other Municipal Sources	M-10	MEADOW VIEW MOBILE HOME PARK		37.653833	-85.849167	1	1	3	3	5	20	HIGH	UIC-Large Capacity Septic System
214	KYR10P193	Other Municipal Sources	M-10	Patriot Parkway 69Kv Switching Station and Tap Lines Project		37.715466	-85.887146	1	1	3	2	5	17	HIGH	KPDES Permits
215	KYV0930053	Other Municipal Sources	M-10	PAYTON MOBILE HOME PARK		37.665833	-85.846333	1	1	3	3	5	20	HIGH	UIC-Large Capacity Septic System

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216	KYR10P284	Other Municipal Sources	M-10	Provident Way Project		37.715833	-85.898611	1	1	3	2	5	17	HIGH	KPDES Permits
217	KYV0930263	Other Municipal Sources	M-10	TRADING POST MOBILE HOME SALES		37.701333	-85.881833	1	1	3	3	5	20	HIGH	UIC-Large Capacity Septic System
218	KYV0930197	Other Municipal Sources	M-10	VALLEY CREEK FIRE DEPT.		37.680833	-85.793667	1	1	3	2	5	17	HIGH	UIC-Large Capacity Septic System
219	KYR004415	Other Waste Disposal Sources	W-8	Santek Waste Services LLC		37.66473	-85.846503	1	1	3	3	5	20	HIGH	KPDES Permits
220	KYV0930056	Other Waste Disposal Sources	W-8	WASTE MANAGEMENT OF ELIZABETHTOWN		37.662333	-85.853167	1	1	3	3	5	20	HIGH	UIC-Large Capacity Septic System
221	73606	Other Wells	G-10	Mark Harris Property		37.736688	-85.825094	1	1	3	1	5	14	MED	Other
222	KYR003987	Petroleum Product Production and Storage Companies	I-17	Key Oil - Elizabethtown		37.670584	-85.839708	1	1	3	3	5	20	HIGH	KPDES Permits
223	AI-5239	Petroleum Product Production and Storage Companies	I-17	Key Oil Elizabethtown		37.670489	-85.840387	1	1	3	3	5	20	HIGH	UST-Active
224	KYR00005892 5	Pharmacy	C-30	CVS Pharmacy #10048		37.728055	-85.883333	1	1	3	2	5	17	HIGH	EPA RCRA
225	KY0097349	Plastics/ Synthetics Producers	I-24	DOW Silicones Corp		37.666667	-85.836111	1	1	3	3	5	20	HIGH	KPDES Permits

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242	Developed	Land Use		36.2% Developed											
243	Septic Systems	Septic		Estimated number of systems in Zone				1502	1						

Totals:	High	Med	Low
	217	21	0

Section 10 & 11: Public Notice Documentation

This space is being save for HCWD#2 Documentation HCWD#2 to provide webpage link and copy of redacted customer bill for public notification.