

October 24, 2024

Mr. Brandon Shetler
Director of Development
AU Associates, Inc.
159 Old Georgetown Street
Lexington, KY 40508

**Re: Part 58 Environmental Review Statutory Checklist
Property II Lot No. 1
110 Campbell Lane, Bowling Green, Kentucky**

Dear Mr. Shetler:

Please find attached the Statutory Checklist and attachments for compliance with 24 CFR §58.5 – NEPA Related Federal Laws and Authorities. The checklist and associated environmental review attachments was requested by AU Associates, Inc. for the above referenced site (subject property). Additional environmental reports previously provided to AU for the subject property include the following:

- Desktop National Environmental Policy Act (NEPA) evaluation.
- Phase I Environmental Site Assessment (also provided as an attachment to the checklist).

ALL4 appreciates the opportunity to work with AU Associates on another site development project. Should you have any questions about this submittal and associated documentation please feel free to contact me at 502.254.0670 or kchaplin@all4inc.com.

Sincerely,
ALL4 LLC



Kevin M. Chaplin
Senior Managing Consultant

Attachments: Attachment 1 – Part 58 Environmental Review Checklist and Attachments

AU ASSOCIATES, INC.
PROPOSED SITE DEVELOPMENT
PART 58 ENVIRONMENTAL REVIEW AND CHECKLIST
Property II Lot No. 1 of 110 Campbell Lane, Bowling
Green, Kentucky 42101

Statutory Checklist for Compliance with 24 CFR §58.5 – NEPA Related Federal Laws and Authorities

(Must be completed for each individual addressed included under overall project description)

Use this worksheet for projects that are Categorically Excluded Subject to 24 CFR §58.5 listed at 24 CFR §58.35(a) and for projects that require an Environmental Assessment.

Project Name: Property II Lot No. 1 of 110 Campbell Lane, Bowling Green, Kentucky, 42101

ERR FILE # _____

Definitions: **A:** The project is in compliance.
 B: The project requires an additional compliance step or action.

Statute, Authority, Executive Order Cited at 24 CFR §58.5	A	B	COMPLIANCE FINDING	SOURCE DOCUMENTATION
1. 58.5(a) Historic Properties [36 CFR 800]	X		Consultation/Review Procedures Completed	Section 106 Consultation, Kentucky Heritage Council
2. 58.5(b)(1) Floodplain Management [24 CFR 55, Executive Order 11988]	X		Consultation/Review Procedures Completed	FEMA – Flood Hazard Documentation
3. 58.5(b)(2) Wetland Protection [24 CFR 55, Executive Order 11990]	X		Consultation/Review Procedures Completed	U.S. Fish and Wildlife Service – National Wetlands Inventory Documentation
4. 58.5(c) Coastal Zone Management [Coastal Zone Management Act sections 307(c) & (d)]	X		Not Applicable to this Project	There are no coastal zones in Kentucky
5. 58.5(d) Sole Source Aquifers [40 CFR 149]	X		Consultation/Review Procedures Completed	U.S. EPA Region 4 Sole Source Documentation

Statute, Authority, Executive Order Cited at 24 CFR §58.5	A	B	COMPLIANCE FINDING	SOURCE DOCUMENTATION
6. 58.5(e) Endangered Species [50 CFR 402]		X	Consultation/Review Procedures Completed	Review/Consultation Kentucky Department of Fish and Wildlife – Habitat Survey Report completed for the Property & KY Fish & Wildlife Concurrence Letter
7. 58.5(f) Wild and Scenic Rivers [36 CFR 297]	X		Consultation/Review Procedures Completed	National Park Service, National Wild and Scenic River System
8. 58.5(g) Air Quality [40 CFR parts 6, 51,61, 93]	X		Consultation/Review Procedures Completed	Project is not located in a “non-attainment” area, U.S. EPA, Green Book Listing
9. 58.5(h) Farmland Protection [7 CFR 658]	X		Consultation/Review Procedures Completed	Project is located in a U.S. Census Urbanized Area
10. 58.5(i)(1) Noise Control and Abatement [24 CFR 51B]		X	Consultation/Review Procedures Completed	Site is within 15 miles of a commercial Airport- Airport Distance Provided; Site is within 1,000 feet of a busy road; HUD Noise Calculation Completed
11. 58.5 (i) (1) Explosive and Flammable Operations [24 CFR 51C]		X	Consultation/Review Procedures Completed	See Checklist Worksheet/ASD Assessment
12. 58.5(i)(1) Airport Hazards (Runway Clear Zones and Clear Zones/Accident Potential Zones) [24 CFR 51D]	X		Not Applicable to this Project	Project not within 5,000 ft. of a civilian airport or within 15,000 ft. of a military airfield
13. 58.5(i)(2)(i-iv) Contamination and Toxic Substances [24 CFR 58.5(i)(2)]	X		Consultation/Review Procedures Completed	See attached Phase I Environmental Site Assessment Report
14. 58.5(j) Environmental Justice [Executive Order 12898]	X		Not Applicable to this Project	No adverse environmental impact would be caused (see Checklist Worksheet)

DETERMINATION:


- Box "A" has been checked for all authorities.** For Categorically Excluded actions pursuant to §58.35(a) [Does not apply to EA or EIS level of review which can never convert to Exempt], the project can convert to Exempt, per §58.34(a) (12), since the project does not require any compliance measures (e.g., consultation, mitigation, permit or approval) with respect to any law or authority cited at §58.5. The project is now made Exempt and **funds may be drawn down;** OR

- Box "B" has been checked for one or more authority.** For Categorically Excluded actions pursuant to §58.35(a), the project cannot convert to Exempt since one or more authority requires compliance, including but not limited to consultation with or approval from an oversight agency, performance of a study or analysis, completion of remediation or mitigation measure, or obtaining of license or permit. **Complete pertinent compliance requirement(s), publish NOI/RROF, request release of funds (HUD-7105.15), and obtain HUD's Authority to Use Grant Funds (HUD-7015.16) per §58.70 and §58.71 before committing funds;** OR


- This project is not a Categorically Excluded action pursuant to §58.35(a), or may result in a significant environmental impact to the environment, and requires preparation of an Environmental Assessment (EA). Prepare the EA according to 24 CFR Part 58 Subpart E.

MITIGATION MEASURES AND CONDITIONS FOR PROJECT APPROVAL: *(If Box B is checked, provide details regarding further consultation, mitigation, permit requirements or approvals required to be incorporated into public notices and project requirements such as contracts, grants, loan conditions, etc. as described in the Statutory Worksheet). Ensure required measures are included in 7015.15 Project Description Section.*

PREPARER:

 _____	10/24/2024 _____
Preparer's Signature	Date
<u>Kevin M. Chaplin</u> Preparer's Name (printed)	<u>Senior Managing Consultant</u> Title (printed)

AUTHORIZED RESPONSIBLE ENTITY OFFICIAL:

 _____	1/3/25 _____
Authorized Responsible Entity Signature	Date
<u>Matt Sawyers</u> Authorized Responsible Entity Name (printed)	<u>Commissioner, Dept. for Local Government</u> Title (printed)

Worksheet for Preparing 24 CFR §58.5 Statutory Checklist
[Optional Tool]

1. §58.5(a) Historical Properties [36 CFR Part 800]

Historic Properties

- a.* Does the project include the type of activity that would have the potential to affect historic properties such as acquisition, demolition, disposition, ground disturbance, new construction or rehabilitation?

Yes No

If Yes, continue.

If No, the project is not the type of activity that has the potential to affect historic properties. Compliance with this section is complete. Mark box “A” on the Statutory Checklist for this authority.

- b.* Do the RE and State Historic Preservation Office (SHPO) have a Programmatic Agreement (PA) that does not require consultation for this type of activity?

Yes No

If Yes, document compliance with the PA. Compliance with this section is complete. Mark box “A” on the Statutory Checklist for this authority.

If No, continue.

- c.* Is the project located within or directly adjacent to a historic district?

Yes No

- d.* Is the structure or surrounding structures listed on or eligible for listing on the National Register of Historic Places (e.g. greater than 45 years old)?

Yes No

- e.* Were any properties of historical, architectural, religious or cultural significance identified in the project’s Area of Potential Effect (APE)?

Yes No

If Yes to any of the questions above, continue.

If No to all of the questions above, the project will not affect historic properties. A concurrence from the SHPO that “no historic properties will be affected” is required. Compliance with this section is complete. Mark box “A” on the Statutory Checklist for this authority.

- f. Have you consulted with the SHPO to determine whether the project will have “No Adverse Effect on Historic Properties?”
 Yes No

If Yes, continue.

If No, consultation with the SHPO is required.

- g. Does the SHPO concurrence letter received for this project require mitigation or have conditions?
 Yes No

If Yes, continue.

If No, compliance with this section is complete. Mark box “A” on the Statutory Checklist for this authority.

- h. Have the SHPO and RE agreed on required mitigation or conditions?
 Yes No

If Yes, include mitigation requirements and/or conditions from the SHPO in the mitigation section of the Statutory Checklist. Mark box “B” on the Statutory Checklist for this authority.

If No, continue with consultation until resolved.

Historic properties of religious and cultural significance to tribes and Native Hawaiian organizations

- i. Does the project include the types of activities such as those listed below that have the potential to affect historic properties of religious and cultural significance to tribes?
- Ground disturbance (digging);
 - New construction in undeveloped natural areas;
 - Incongruent visual changes – impairment of the vista or viewshed from an observation point in the natural landscape;
 - Incongruent audible changes – increase in noise levels above an acceptable standard in areas known for their quiet, contemplative experience;
 - Incongruent atmospheric changes – introduction of lights that create skyglow in an area with a dark night sky;
 - Work on a building with significant tribal association;
 - Transfer, lease or sale of a historic property of religious and cultural significance.
- Yes No

If Yes, continue.

If No, tribal consultation is not required.

- j.* Does HUD’s Tribal Directory Assessment Tool indicate that tribes have an interest in the location where the project is sited?

(<https://egis.hud.gov/tdat/>)

Yes No

If Yes, contact federally recognized tribe(s) and invite consultation. Continue.
If No, document the result in the ERR. Tribal consultation is not required.

- k.* Did the tribe(s) respond that they want to be a consulting party?

Yes No

If Yes, continue.

If No, (no response within 30 days or responded that they do not wish to consult), document response or lack of response in ERR. Further consultation is not required.

- l.* After consulting with the tribe(s) and discussing the project, were any properties of religious or cultural significance to the tribe(s) identified in the project’s APE?

Yes No

If Yes, continue.

If No, notify tribe(s) and other consulting parties of your finding of “No Historic Properties Affected.” Tribe(s) has 30 days to object to a finding.

- m.* After consulting with the tribe(s), will the project have an adverse effect on properties of religious or cultural significance to the tribe(s)?

Yes No

If Yes, consult with tribe(s) and other consulting parties to resolve adverse effects, including considering alternatives and mitigation measures that would avoid or minimize adverse effects.

If No, notify tribe(s) and other consulting parties of your finding of “No Adverse Effects.” Tribe(s) has 30 days to object to a finding.

- n.* Were any objections to a finding received from a consulting tribe?

Yes No

If Yes, continue with consultation until resolved.

If No, consultation is complete.

Comments:

Cite and attach source documentation: (Correspondence with SHPO/THPO. How determination of “no potential to cause effects” to historic properties was made.)

Information Resources:

National Register of Historic Places:

<http://nrhp.focus.nps.gov/natreghome.do?searchtype=natreghome>

National Conference of State Historic Preservation Officers:

<http://ncshpo.org/>

Map of Currently Recognized THPO's:

<http://www.nathpo.org/map.html>

Historic Preservation HUD Guidance:

<https://www.onecpd.info/environmental-review/historic-preservation/>

Historic Preservation Webinar:

[https://www.onecpd.info/learning-center/environmental-review-training/#Historic Preservation](https://www.onecpd.info/learning-center/environmental-review-training/#Historic%20Preservation)

[https://www.onecpd.info/learning-center/environmental-review-training/#Consulting with](https://www.onecpd.info/learning-center/environmental-review-training/#Consulting%20with)

[Indian Tribes](#)

Section 106 Agreements Database:

<https://www.onecpd.info/resource/3675/section-106-agreement-database/>

2. §58.5(b) (1) Floodplain Management [24 CFR Part 55]

- a.* Does the project involved minor repairs or improvements on one to four family properties that do not meet the threshold for “substantial improvement” of §55.2(b)(8), i.e., the cost does not equal or exceed 50% of the market value of the structure before improvement or repair started, before damage occurred?
- b.* Does the project involve the removal of material and architectural barriers that restrict the mobility of and accessibility to elderly and persons with disabilities?

Yes No

If Yes to a or b, compliance with this section is complete. Mark box “A” on the Statutory Checklist for this authority.

If No, continue.

- c.* Is the project located within (or have an impact on) a 100-year floodplain (Zone A) or Coastal High Hazard (Zone V) identified by FEMA maps?

Yes No

- d.* Does the project involve a “critical action,” per §55.2(b) (2) (i), located within a 500-year floodplain (Zone B) identified by FEMA maps?

Yes No

If Yes to (b) or (c), follow HUD’s Floodplain Management Regulations 8-Step/5-Step decision-making process of §55.20 to comply with 24 CFR Part 55. The 8-Step/5-Step decision-making process must show that there are no practicable alternatives to locating the project in the floodplain, and if there are no alternatives, define measures to mitigate impacts to floodplains and location of the project in the floodplain. Completion of the 8-Step decision-making process must be completed before the completion of an EA per §55.10(a). See Attachment 2 for an example of the 8-Step decision-making process. The 8-step decision-making process must be included in the ERR and summarized in Part 55 and Part 58 public notices, as well as NOI/RROF and FONSI notices. Mark box “B” on the Statutory Checklist for this authority.

If No to (b) and (c), compliance with this section is complete. Mark box “A” on the Statutory Checklist for this authority.

- e.* Does the project involve a critical action in a coastal high hazard area or a floodway?

Yes No

If, Yes, HUD assistance may not be used for this project.

f. Does the project involve a non-critical action which is not a functionally dependent use that is located in a floodway?

Yes No

If Yes, HUD assistance may not be used for this project

g. Does the project involve a non-critical action which is not a functionally dependent use that is located in a coastal high hazard area?

Yes No

If Yes, project is allowed *only* if it is designed for a location in a coastal high hazard area *and* is processed under Section 55.20. Design requirements must be noted in Statutory Checklist and 8-Step decision-making process.

Comments:

Cite and attach source documentation: (FEMA flood map used to make this finding with the project location marked on the map. Include the community name, map panel number and date of map. As applicable, §55.20 8-Step decision-making process analysis. If FEMA has not published the appropriate flood map, the RE must make a finding based on best available data.)

For more information see:

Floodplain Management HUD Guidance:

<https://www.onecpd.info/environmental-review/floodplain-management/>

FEMA Map Service Center:

<http://www.msc.fema.gov>

3. §58.5(b) (2) Wetlands Protection (E.O. 11990)

- a.* Does the project involve new construction, land use conversion, or substantial improvements as defined in 24CFR Part 55?
 Yes No

If Yes, continue.

If No, compliance with this section is complete. Mark box “A” on the Statutory Checklist for this authority.

- b.* Is the project within or adjacent to or will it affect wetlands, marshes, wet meadows, mud flats or natural ponds per field observation and National Wetlands Inventory (NWI) maps issued by the US Fish & Wildlife Service (USFWS) or, if not available, National Soil Surveys by National Resources Conservation Service (NRCS)?

Yes No

- c.* Are there drainage ways, streams, rivers, or coastlines on or near the site?
 Yes No

- d.* Are there ponds, marshes, bogs, swamps or other wetlands on or near the site?
 Yes No

- e.* Does the project involve new construction and/or filling located within a wetland designated on a USFWS National Wetlands Inventory map?
 Yes No

If Yes to any of b – e above, comply with wetlands decision-making process of 24 CFR §55.20. (Use proposed Part 55 published in the Federal Register January 2012 for wetland procedures). Continue.

If No to all of b - e above, compliance with this section is complete. Mark box “A” on the Statutory Checklist for this authority.

- f.* Will the project require a permit from the Corps under Section 404 of the Clean Water Act and/or will USFWS require wetland mitigation?
 Yes No

If Yes, ensure this is noted in Part 55 and Part 58 public notices. Include all mitigation measures and permit requirements in the mitigation section of the Statutory Checklist. Compliance with this section is complete. Mark box “B” on the Statutory Checklist for this authority.

If No, compliance with this section is complete. Mark box “B” on the Statutory Checklist for this authority.

Comments:

Cite and attach source documentation: (NWI Map with project location noted in reference to wetlands. §55.20 8/5-Step decision-making process analysis for new construction and/or filling, and any permits received.)

For more information see:

Wetlands Protection HUD Guidance:

<https://www.onecpd.info/environmental-review/wetlands-protection/>

USFWS National Wetlands Inventory – Geospatial Wetlands Digital Data:

<http://www.FWS.gov/wetlands/data/index.html>

Recognizing wetlands:

http://www.usace.army.mil/Portals/2/docs/civilworks/regulatory/techbio/rw_bro.pdf

4. §58.5(c) Coastal Zone Management [Coastal Zone Management Act of 1972, Sections 307(c) & (d)]

- a. Does the project involve new construction, land use conversion, or substantial improvements?

Yes No

If Yes, continue.

If No, compliance with this section is complete. Mark box “A” on the Statutory Checklist for this authority.

- b. Is the project located within a Coastal Zone as defined in your state Coastal Zone Management (CZM) Plan?

Yes No

If Yes, the State CZM Agency must make a finding that the project is consistent with the approved State CZM Plan. Mark box “B” on the Statutory Checklist for this authority.

If No, compliance with this section is complete. Mark box “A” on the Statutory Checklist for this authority.

Comments:

Cite and attach source documentation: (Map showing project in relation to the nearest Coastal Zone Management area. If applicable, State’s findings.)

For additional information see:

Coastal Zone Management HUD Guidance:

<https://www.onecpd.info/environmental-review/coastal-zone-management/>

States and Territories Working with NOAA on Ocean and Coastal Zone Management:

<http://coastalmanagement.noaa.gov/mystate/welcome.html>

Texas Coastal Zone Management Program:

<http://www.glo.texas.gov/what-we-do/caring-for-the-coast/grants-funding/cmp/index.html>

Texas Coastal Zone Boundary:

http://www.glo.texas.gov/what-we-do/caring-for-the-coast/_documents/landing-page-folder/CoastalBoundaryMap.pdf

Louisiana Office of Coastal Management:

<http://dnr.louisiana.gov/index.cfm?md=pagebuilder&tmp=home&pid=85&ngid=5>

Louisiana Coastal Zone Boundary:

<http://dnr.louisiana.gov/index.cfm?md=pagebuilder&tmp=home&pid=88>

5. §58.5(d). Sole Source Aquifers [40 CFR Part 149]

- a. Does the project involve new construction or land use conversion?
 Yes No

If Yes, continue.

If No, compliance with this section is complete. Mark box “A” on the Statutory Checklist for this authority.

- b. Is the project located within a U.S. Environmental Protection Agency (EPA)-designated sole source aquifer watershed area per EPA Ground Water Office?
 Yes No

If Yes, consult with the Water Management Division of EPA to design mitigation measures to avoid contaminating the aquifer and implement appropriate mitigation measures. Include mitigation measures in mitigation section of Statutory Checklist. Mark box “B” on the Statutory Checklist for this authority.

If No, compliance with this section is complete. Mark box “A” on the Statutory Checklist for this authority.

Comments:

Cite and attach source documentation: (Map showing project in relation to the nearest Sole Source Aquifer.)

For more information see:

Sole Source Aquifer HUD Guidance:

<https://www.onecpd.info/environmental-review/sole-source-aquifers/>

Region 6 Sole Source Aquifers: <http://www.epa.gov/region6/water/swp/ssa/maps.htm>

6. §58.5(e) Endangered Species [50 CFR Part 402]

a. Does the project involve the type of activities that are likely to have “no effect on endangered species, such as:

- Demolition and construction or placement of a single-family residence within a developed lot, and/or any loans or mortgages affiliated with such construction, demolition or placement provided they are not within 750 feet of habitat for federally-listed species or 300 feet of mapped wetlands, wildlife refuges, fish hatcheries, wildlife management areas, or related significant fish and wildlife resources?

Yes No

- Rehabilitation or renovation activities associated with existing structures (e.g., houses, buildings), including additional structures attached to or associated with the primary structure, and/or any loans or mortgages affiliated with such rehabilitation or renovation?

Yes No

- Acquisition of existing structures (e.g., houses, buildings), including additional structures attached to or associated with the primary structure, and/or any loans or mortgages affiliated with such acquisition.

Yes No

- Purchase and placement of playground equipment within existing parks?

Yes No

- Resurfacing, repairing, or maintaining existing streets, sidewalks, curbs, trails, parking lots and/or any other existing paved surfaces where additional ground disturbance, outside of the existing surface is not necessary?

Yes No

If Yes to any of the above, the project is likely to have “No Effect” on federally protected species and critical habitat. Informal consultation with the US Fish and Wildlife Service or the National Marine Fisheries Service (Services) is not necessary. The RE is required to make this finding and include a memorandum to the file supporting the finding (note that this finding should be made by the RE, and not by third party contractors and non-RE grant recipients). Compliance with this section is complete. Mark box “A” on the Statutory Checklist for this authority.

If No to all of the above, continue.

b. Has the US Fish and Wildlife Service or the National Marine Fisheries Services identified listed species or designated critical habitat in the county where the project is located?

Yes No

If Yes, continue.

If No, the project is likely to have “No Effect” on federally protected species and critical habitat. Informal consultation with the Services is not necessary. The RE is required to make this finding and include a memorandum to the file

supporting the finding (note that this finding should be made by the RE, and not by third party contractors). Compliance with this section is complete. Mark box “A” on the Statutory Checklist for this authority.

- c. Is the project located within 750 feet of habitat for federally-listed species or 300 feet of mapped wetlands, wildlife refuges, fish hatcheries, wildlife management areas, or related significant fish and wildlife resources?
 Yes No

If Yes, conduct special studies by a qualified professional to determine whether the project may affect the species or habitat to support a May Effect finding.

If No, continue below

- d. Does the project constitute a major construction activity (a major Federal action that modifies the physical environment and would normally require the preparation of an EIS)?
 Yes No

If Yes, formal consultation with the Services is required in accordance with procedural regulations contained in 50 CFR Part 402. Mark box “B” on the Statutory Checklist for this authority.

If No, continue.

- e. If federally protected species or critical habitat have been identified within the project area, has a special study been conducted by a qualified professional to determine the effects of the project on each species and critical habitat?
 Yes No

If Yes, continue.

If No, a special study should be conducted to determine the effects of the project on federally protected species and critical habitat. Continue.

- f. Has the RE made a determination based on professional findings that the project is “Not Likely to Adversely Affect” any federally protected (listed or proposed) threatened or endangered species (i.e., plants or animals, fish, or invertebrates), nor adversely modify critical habitats?
 Yes No

If Yes, Service’s concurrence with findings is required. Mark box “B” on the Statutory Checklist for this authority.

If No, continue.

- g. Has the RE determined based on professional findings that the project “May Affect” federally protected (listed or proposed) threatened or endangered species (i.e., plants or animals, fish, or invertebrates), or adversely modify critical habitats?
 Yes No

If Yes, formal consultation is required with the Services, in accordance with procedural regulations contained in 50 CFR Part 402, which mandates formal consultation in order to preserve the species. Mark box “B” on the Statutory Checklist for this authority.

If No, contact your FEO for assistance in determining impacts to federally protected species and critical habitat.

Comments:

Cite and attach source documentation: (Memorandum to the file by the RE supporting the finding of “No Effect.” Concurrence memo from one or both of the Services for a finding of “Not Likely to Adversely Affect.” Biological Opinion from one or both of the Services for a finding of “May Affect.”)

For additional information see: (The Endangered Species Act of 1973 (16 U.S.C. 1531 *et seq.* as amended: particularly Section 7 (b) and (c). 50 CFR 402).

ESA HUD Guidance:

<https://www.onecpd.info/environmental-review/endangered-species/>

ESA HUD Webinar:

[https://www.onecpd.info/learning-center/environmental-review-training/#Protecting our Natural Resources](https://www.onecpd.info/learning-center/environmental-review-training/#Protecting_our_Natural_Resources)

USFWS ESA Species Search:

<http://www.FWS.gov/endangered/species/index.html>

NMFS ESA Species Search:

<http://www.nmfs.noaa.gov/pr/species/esa/>

USFWS Critical Habitat Maps:

<http://crithab.FWS.gov/>

NMFS Critical Habitat Maps:

<http://www.nmfs.noaa.gov/pr/species/criticalhabitat.htm>

Endangered Species Consultation Handbook:

http://www.nmfs.noaa.gov/pr/pdfs/laws/esa_section7_handbook.pdf

7. §58.5(f) Wild and Scenic Rivers [36 CFR Part 297]

- a. Does the project involve new construction, land use conversion, or substantial improvements?
 Yes No

If Yes, continue.

If No, compliance with this section is complete. Mark box “A” on the Statutory Checklist for this authority.

- b. Is the project located within one (1) mile of a designated Wild & Scenic River, or river being studied as a potential component of the Wild & Scenic River system or an inventory river?
 Yes No

If Yes, determination from the National Park Service (NPS) must be obtained, with a finding that the project will not have a direct and adverse effect on the river nor invade or diminish values associated with such rivers. For NRI Rivers, consultation with NPS is recommended to identify and eliminate direct and adverse effects. Mark box “B” on the Statutory Checklist for this authority.

If No, compliance with this section is complete. Mark box “A” on the Statutory Checklist for this authority.

Comments:

Cite and attach source documentation: (Maps noting project location and showing proximity to protected rivers. Relevant determinations or results of consultation)

For further information see:

Wild and Scenic Rivers HUD Guidance:

<https://www.onecpd.info/environmental-review/wild-and-scenic-rivers/>

HUD Wild and Scenic Rivers Webinar:

[https://www.onecpd.info/learning-center/environmental-review-training/#Protecting our Natural Resources](https://www.onecpd.info/learning-center/environmental-review-training/#Protecting_our_Natural_Resources)

National Park Service:

Designated Rivers <http://www.rivers.gov/map.php>

Study Rivers <http://www.rivers.gov/study.php>

National River Inventory (NRI) listed rivers:

<http://www.nps.gov/ncrc/programs/rtca/nri/index.html>

8. §58.5(g) Air Quality [40 CFR Parts 6, 51, 61 and 93]

- a.* Does the project involve demolition or renovation of buildings likely to contain asbestos containing materials?

Yes No

If Yes, ensure the project is in compliance with EPA's Asbestos regulations found at 40 CFR Part 61 (NESHAP) and all State and local regulations.

Continue below.

If No, continue.

- b.* Does the project require an environmental assessment or environmental impact statement?

Yes No

If Yes, continue.

If No, compliance with CAA State Implementation Plan factor is complete.

Mark Box A on the Statutory checklist.

- c.* Does the project involve five or more dwelling units, acquisition of undeveloped land, a change of land use, demolition, major rehabilitation, or new construction?

Yes No

If Yes, continue.

If No, compliance with this section is complete. Mark box "A" on the Statutory Checklist for this authority.

- d.* Is the project located in a Non-Attainment area?

Yes No

If Yes, continue.

If No, compliance with this section is complete. Mark box "A" on the Statutory Checklist for this authority.

- e.* Has EPA or the State provided a written determination that the project will not exceed any of the *de minimis* emissions levels of all non-attainment and maintenance level pollutants or exceed the screening level established by the state or air quality management district?

Yes No

If Yes, continue.

If No, compliance with this section is complete. Mark box "A" on the Statutory Checklist for this authority.

f. Did EPA or the State provide a Letter of Consistency with the State Implementation Plan (SIP)?

Yes No

If **Yes**, obtain letter of consistency showing that the project is consistent with the SIP. Compliance is complete. Mark box "A" on the Statutory Checklist for this authority.

If **No**, continue.

g. Has EPA determined that the proposed activity is one that requires a permit under the SIP?

Yes No

If **Yes**, continue.

If **No**, compliance is complete. Mark box "B" on the Statutory Checklist for this authority.

h. Can the project be brought into compliance through mitigation?

Yes No

If **Yes**, list mitigation measures required to achieve conformance with SIP in the mitigation section of the Statutory Checklist. Mark box "B" on the Statutory Checklist for this authority.

If **No**, Federal assistance may not be used at this location.

Comments:

Cite and attach source documentation: (Letter of consistency with SIP, assessment of emissions, air permits received, mitigation measures taken, etc.)

For further information see:

Air Quality HUD Guidance:

<https://www.onecpd.info/environmental-review/air-quality/>

HUD Air Quality Webinar:

<https://www.onecpd.info/learning-center/environmental-review-training/#Clean Air Act Compliance>

The Green Book Nonattainment Areas for Criteria Pollutants:

<http://www.epa.gov/oar/oaqps/greenbk/>

Region 6 Air State Implementation Plans:

<http://www.epa.gov/region6/6pd/air/pd-1/sip.htm>

9. §58.5(h) Farmlands Protection [7 CFR Part 658]

- a. Does the project involve acquisition of undeveloped land, conversion of undeveloped land, new construction or site clearance?
 Yes No

If Yes, continue.

If No, compliance with this section is complete. Mark box "A" on the Statutory Checklist for this authority.

- b. Is the project located in an area zoned to urban and/or residential uses as mapped by the Census Bureau?
 Yes No

If Yes, compliance with this section is complete. Mark box "A" on the Statutory Checklist for this authority.

If No, continue.

- c. Does the project site include prime or unique farmland, or other farmland of statewide or local importance as identified by the U.S. Department of Agriculture, Natural Resources Conservation Service (NRCS) (formerly the Soil Conservation Service)?
 Yes No

If Yes, request evaluation of land type from the NRCS using Form AD-1006, and consider the resulting rating in deciding whether to approve the proposal, as well as mitigation measures (including measures to prevent adverse effects on adjacent farmlands). Mark box "B" on the Statutory Checklist for this authority. Include mitigation measures in the mitigation section of the Statutory Checklist.

If No, compliance with this section is complete. Mark box "A" on the Statutory Checklist for this authority.

Comments:

Cite and attach source documentation: (Zoning map with project location noted. Form AD-1006 from NRCS.)

For additional information see:

NRCS Soil Maps:

<http://websoilsurvey.nrcs.usda.gov/app/>

Form AD-1006 and instructions:

http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/stelprdb1045394.pdf

Farmland Protection HUD Guidance:

<https://www.onecpd.info/environmental-review/farmlands-protection/>

HUD FPPA Webinar:

<https://www.onecpd.info/learning-center/environmental-review-training/#Protecting our Natural Resources>

Census Data Mapper:

<http://tigerweb.geo.census.gov/datamapper/map.html>

10. §58.5(i) (1) Noise Abatement and Control [24 CFR Part 51B]

- a. Does the project involve a noise sensitive use such as a residential structure, school, hospital, nursing home, library, etc.?
 Yes No

If Yes, continue.

If No, compliance with this section is complete. Mark box "A" on the Statutory Checklist for this authority.

- b. Is the project located within:
- 15 miles of a civilian or military airfield with more than 9,000 carrier operations annually; Notes: 14,370 feet (Bowling Green-Warren County Regional Airport)
 Yes No
 - 1000 feet of a major highway or busy road;
 Yes No
 - within 3000 feet of a railroad.
 Yes No

If Yes to any the above, complete a noise calculation assessment. Use adopted DNL contours if the noise source is an airport. Continue.

If No, compliance with this section is complete. Mark box "A" on the Statutory Checklist for this authority.

- c. Do noise calculations or airport noise contour maps indicate noise levels above 65dB (outside)?
 Yes No

If No, compliance with this section is complete. Mark box "A" on the Statutory Checklist for this authority.

If Yes, continue.

- d. If the answer to "c" above is "yes," does the project involve rehabilitation?
 Yes No

If Yes, noise attenuation measures are strongly encouraged for rehabilitation new construction to reduce noise levels to below 65dB. Mark box "B" on the Statutory Checklist for this authority. List all attenuation measures in the mitigation section of the Statutory Checklist.

If No, continue.

- d. If the answer to "c" is yes, does the project involve new construction?
 Yes No

If Yes, Special Environmental Clearance is required (an Environmental Assessment). Noise attenuation measures are required for new construction to reduce noise levels to below 65dB. Mark box "B" on the Statutory Checklist for this authority. List all attenuation measures in the mitigation section of the Statutory Checklist.

If No, Continue.

- e. Do noise calculations or airport noise contour maps indicate outdoor noise levels above 75dB?
 Yes No

If Yes, continue.

If No, compliance is completed with respect to steps a-d above.

- f. If noise levels are above 75 dB, does the project involve new construction?
 Yes No

If Yes, HUD assistance for the construction of new noise sensitive uses is generally prohibited for projects with unacceptable noise exposure (>75dB). An Environmental Impact Statement (EIS) is required. Compliance cannot be achieved without either completion of an EIS or processing of an EIS waiver.

If No, compliance is complete with respect to steps a-e above.

- g. If outdoor noise levels are > 75 dB and the project involves new construction, was an EIS waiver processed?
 Yes No

If Yes, compliance is complete. Attach the EIS waiver, signed by the Certifying Officer. Mark box "B" of the Statutory Checklist and list all outdoor and indoor attenuation measures to reduce outdoor noise levels to 65 dB and indoor noise levels to 45 dB in the mitigation section of the Statutory Checklist.

If No, proceed with preparation of an EIS or deny the project.

Comments:

Cite and attach source documentation: (Maps with project location indicating distance from noise sources. DNL calculations and/or NAG worksheets.)

For more information see:

HUD Noise Guidance:

<https://www.onecpd.info/environmental-review/noise-abatement-and-control/>

<http://www.hud.gov/offices/cpd/environment/dnlcalculator.cfm>

<http://www.hud.gov/offices/cpd/environment/mitigation.cfm>

<http://portal.hud.gov/hudstracat/noiseCalcEntry.jsp>

HUD Noise Webinar:

[https://www.onecpd.info/learning-center/environmental-review-training/#Noise Assessment Training](https://www.onecpd.info/learning-center/environmental-review-training/#Noise%20Assessment%20Training)

FAA:

http://www.faa.gov/airports/planning_capacity/npas/reports/

Airport Contacts: <http://www.airnav.com/airports/>

11. §58.5(i) (1) Explosive and Flammable Operations [24 CFR 51C]

- a.* Does the project involve development, construction, rehabilitation, modernization or land use conversion of a property intended for residential, institutional, recreational, commercial, or industrial use?

Yes No

If Yes, continue.

If No, compliance with this section is complete. Mark box “A” on the Statutory Checklist for this authority.

- b.* Was a field observation performed by a qualified professional which documents there are above ground storage tanks within line of site of the project?

Yes No

- c.* Is the project site within 1 mile of current or planned stationary aboveground storage tanks of more than 100-gallon capacity, containing common liquid industrial fuels OR of any capacity, containing hazardous liquids or gases, that are not liquid industrial fuels?

Yes No

- d.* Are industrial facilities handling explosive or fire-prone materials such as liquid propane, gasoline or other storage tanks adjacent to or visible from the project site?

Yes No

If Yes to any of b – d above, use HUD Hazards Guide to calculate an Acceptable Separation Distance to comply with 24 CFR Part 51, Subpart C. Continue.

If No to all of b – d above, compliance with this section is complete. Mark box “A” on the Statutory Checklist for this authority.

- e.* Is the project located at an Acceptable Separation Distance from any above-ground explosive or flammable fuels or chemicals containers as calculated above?

Yes No

If Yes, compliance with this section is complete. Mark box “A” on the Statutory Checklist for this authority.

If No, continue.

- f.* Can mitigation measures, such as construction of a barrier of adequate size and strength, reduce the blast overpressure or thermal radiation hazard to protect the project (per 24 CFR §51.205)?

Yes No

If Yes, Mark box “B” on the Statutory Checklist for this authority. List all mitigation measures in the mitigation section of the Statutory Checklist.
If No, HUD assistance cannot be used for this project.

Comments:

Cite and attach source documentation: (Maps with project location noted showing distance from explosives and flammable operations. ASD calculations/worksheet.)

For additional information see:

HUD Guidance on Siting Projects near Explosive and Flammable Facilities:

<https://www.onecpd.info/environmental-review/explosive-and-flammable-facilities/>

HUD Explosives Webinar:

[https://www.onecpd.info/learning-center/environmental-review-training/#Acceptable Separation Distance \(ASD\) Training](https://www.onecpd.info/learning-center/environmental-review-training/#Acceptable%20Separation%20Distance%20(ASD)%20Training)

Acceptable Separation Distance Guidebook:

<https://www.onecpd.info/resource/2762/acceptable-separation-distance-guidebook/>

Barrier Design Guidance for HUD Assisted Project Near Hazardous Facilities:

<https://www.onecpd.info/resource/2763/barrier-design-guidance-for-hud-assisted-projects-near-hazardous-facil/>

12. §58.5(i) (1) Airport Hazards [24 CFR 51D]

- a. Will the project use HUD assistance, subsidy or insurance for construction; land development; community development or redevelopment; substantial modernization and rehabilitation which prolongs the physical or economic life of existing facilities; provide facilities and services which make land available for construction; change the use of a facility; increase the unit density or number of people at the site?
 Yes No

If **Yes**, continue.

If **No**, compliance with this section is complete. Mark box "A" on the Statutory Checklist for this authority.

- b. Is the property within 5,000 feet of a civilian airport, the Runway Clear Zone (RCZ)?
 Yes No

- c. Is the project within 15,000 feet of a military airfield, the Clear Zone (CZ) or Accident Potential Zone (APZ)?
 Yes No

If **Yes**, continue.

If **No** to both of the above questions, compliance with this section is complete. Mark box "A" on the Statutory Checklist for this authority.

- d. If the project is within 5,000 feet of the end of a civilian airport runway, did the Airport Operator provide a written determination that the project is not now and will not be 10 years from now, located 2,500 feet from the end of the civilian runway in a runway clear zone?
 Yes No

If **Yes**, compliance is complete. Mark Box "A" on the Statutory Checklist and attach the Airport Operator's written determination.

If **No**, continue.

- e. If the project is within 15,000 feet of a military airfield did the airfield operator provide a written determination that the project is not currently located in an CZ/APZ and future expansion will not place the property in a CZ/APZ?
 Yes No

If **Yes**, compliance is complete. Mark Box “A” on the Statutory Checklist and attach the Airport Operator’s written determination.

If **No**, continue.

- d. If the project is or will be in a RCZ/CZ will the project be frequently used or occupied by people?
 Yes No

If Yes, HUD funds may not be used for this project.

If No, continue.

- e. If the project will not frequently be used by people, has the airport operator provided a written statement that there are no plans to purchase the land involved with such facilities as part of an RCZ/CZ acquisition program?
 Yes No

If Yes, attach copy of written assurance from airport operator. Mark box “B” on the Statutory Checklist for this authority.

If No, HUD funds may not be used for this project.

- f. If the project is located in a military airfield APZ, is the project consistent with the Land Use Compatibility Guidelines for Accident Potential Zones (32 CFR Part 256, DOD Instruction 4165.57).
 Yes No

If Yes, attach copy of written assurance from airport operator. Mark box “B” on the Statutory Checklist for this authority.

If No, HUD funds may not be used for this project.

Comments:

Cite and attach source documentation: (Map with project location noted showing the distance from civilian airports and/or military airfields. Written confirmation from airport operating stating whether or not project is located in a RCZ, CZ or APZ. Written assurance from airport operator on purchase of property.)

For further information see:

Airport Information: <http://www.airnav.com/airports/>

Airport Hazards HUD Guidance:

<https://www.onecpd.info/environmental-review/airport-hazards/>

13. §58.5(i) (2) Contamination and Toxic Substances

Government Records Search

a. Is the property located within the search distances of any of the types of environmental contamination sources?

Standard Environmental Record Sources	ASTM 1527-13 Recommended Minimum Search Distance (mi)	Yes	No
Federal Delisted NPL Site List	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Federal Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) List	0.5	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Federal CERCLIS No Further Remedial Action Planned (NFRAP) Site List	0.5	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Federal RCRA Non-CORRACTS Treatment, Storage and Disposal (TSD) Facilities List	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>
State- and Tribal-Equivalent CERCLIS	0.5	<input checked="" type="checkbox"/>	<input type="checkbox"/>
State and Tribal Landfill and/or Solid Waste Disposal Site Lists	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>
State and Tribal Leaking Storage Tank Lists	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>
State and Tribal Voluntary Cleanup Sites	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>
State and Tribal Brownfield Sites	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Federal National Priorities List (NPL)	1	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Federal RCRA Correction Action (CORRACTS) Facilities List	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>
State- and Tribal-Equivalent NPL	1	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Federal Institutional Control/Engineering Control Registries	Property Only	<input type="checkbox"/>	<input checked="" type="checkbox"/>
State and Tribal Institutional Control/Engineering Control Registries	Property Only	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Federal Emergency Response and Notification System (ERNS) List	Property Only	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Federal RCRA Generators List	Property/Adjoining Properties	<input type="checkbox"/>	<input checked="" type="checkbox"/>
State and Tribal Registered Storage Tank Lists	Property/Adjoining Properties	<input type="checkbox"/>	<input checked="" type="checkbox"/>

If the project is located within any of the minimum search distances above, then the RE must further evaluate to determine if there has been a release or there is a threat of release to the subject property. Attach supporting documentation to

the environmental review to support any conclusion that the site of concern is not a threat.

If a release or threat of release cannot be ruled out, then services of a qualified environmental professional is necessary to further evaluate potential for site contamination. Recommend an ASTM 1527-13 Phase I Environmental Site Assessment (Phase I).

Prior Uses of the Property

- b. Has the subject property, adjacent property, or adjoining property ever been used for any of the following types of uses?

	Yes	No		Yes	No
Gas Station	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Vehicle Repair Shop	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Car Dealership	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Auto Garage	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Depot	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Commercial Printing Facility	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Industrial or commercial warehouses	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Dry Cleaners	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Photo Developing Laboratory	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Hospital	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Junkyard or landfill	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Agricultural/Farming Operations	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Tannery	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Livestock Operations	<input type="checkbox"/>	<input checked="" type="checkbox"/>

If the evaluation of previous uses results in a yes answer to any of the above, the services of a qualified environmental professional is necessary to rule out site contamination. An ASTM 1527-13 Phase I is recommended.

If the evaluation of previous uses does not identify previous uses of concern, attach supporting documentation for the conclusion to the environmental review.

Field Site Visit

- c. Did a visual inspection of the site show the following?

	Yes	No
Distressed vegetation	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Vent or Fill Pipes	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Storage Oil Tanks or Questionable Containers	<input type="checkbox"/>	<input checked="" type="checkbox"/>

	Yes	No
Pits, Ponds or Lagoons	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Stained Soil or Pavement (other than water stains)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Pungent, Foul or Noxious Odors	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Dumped Material or Soil, Mounds of Dirt, Rubble, Fill, etc.	<input type="checkbox"/>	<input checked="" type="checkbox"/>

- d.* Does the project have an underground storage tank other than a residential fuel tank, or known or suspected to be contaminated by toxic chemicals or radioactive materials?
 Yes No
- e.* Is the project site near an industry or commercial facility disposing of chemicals or hazardous wastes?
 Yes No
- f.* Could a nearby source of toxic, hazardous or radioactive substances affect the health and safety of project occupants or conflict with the intended use of the property?
 Yes or No

If the site visit identifies a “Yes” answer to any of the above, a qualified environmental professional must undertake investigations necessary to ensure that the project is free of hazardous materials, contamination, toxic chemicals and gases, and radioactive substances such that there is no hazard which could affect the health and safety of occupants or conflict with the intended utilization of the property. Continue.

Results of ASTM Site Contamination Reviews

- g.* Was an ASTM Phase I Environmental Site Assessment (ESA) report completed for this project? (Strongly recommend an Phase I ESA for land acquisition, new construction, reconstruction or substantial rehabilitation).
 Yes No
- h.* Did a Phase I, or equivalent evaluation, identify the potential for site contamination? [The RE must independently evaluate the Phase I and not rely entirely on the conclusions of whether or not there is a Recognized Environmental Condition (REC). Phase I’s do not always appropriately identify RECs.]
 Yes No

i. If there is the potential for site contamination, was an ASTM Phase II Environmental Site Assessment Completed that documented contamination?
 Yes or No

j. Did results of the Phase I or Phase II identify the need to mitigate the environmental condition by removing, stabilizing or encapsulating the toxic substances in accordance with the requirements of the appropriate Federal, state or local oversight agency?
 Yes No

k. If the project site requires remediation, does the RE have the following documentation?

	Yes	No
Remediation Plan	<input type="checkbox"/>	<input type="checkbox"/>
Regulatory Oversight Agency Approval of the Remediation Plan	<input type="checkbox"/>	<input type="checkbox"/>
Firm Cost Estimate to Implement the Remediation Plan	<input type="checkbox"/>	<input type="checkbox"/>
A Secured Source of Funding for Site Remediation	<input type="checkbox"/>	<input type="checkbox"/>
A project condition that the project construction or rehabilitation cannot proceed until the RE received a No Further Action (NFA) Required or Site Closure Letter from the Regulatory Oversight Agency	<input type="checkbox"/>	<input type="checkbox"/>
A project condition for Deed Restrictions related to any continuing obligations associated with the remediation plan or NFA or Site Closure Letters	<input type="checkbox"/>	<input type="checkbox"/>

If Yes, then, compliance is complete. Attach supporting documentation to the environmental review. Ensure that all mitigation measures are identified in the environmental review and that there is a mechanism for conveying requirements in agreements and awards. Mark Box B on the Statutory Checklist for this Authority. Attach all supporting documentation.

If No, HUD cannot provide assistance for the project at this site.

j. If the site requires remediation, and the property owner intends to complete the remediation prior to transferring the property to the HUD recipient, can the RE provide documentation of the following?

	Yes	No
Remediation Plan	<input type="checkbox"/>	<input type="checkbox"/>
Regulatory Oversight Agency Approval of the Remediation Plan	<input type="checkbox"/>	<input type="checkbox"/>
Purchase contract and closing document requirements for receipt of a No Further Action Required or Site Closure Letter from the Regulatory Oversight Agency prior to	<input type="checkbox"/>	<input type="checkbox"/>

closing.		
Deed restrictions for any continuing obligations associated with the remediation plan or NFA or Site Closure Letters	<input type="checkbox"/>	<input type="checkbox"/>

If Yes, then, compliance is complete. Attach supporting documentation to the environmental review. Ensure that all mitigation measures are identified in the environmental review and that there is a mechanism for conveying requirements in agreements and awards. Mark Box B on the Statutory Checklist for this Authority. Attach all supporting documentation.

If No, HUD cannot provide assistance for the project at this site.

Comments:

Cite and attach source documentation: (Maps showing project distance to contaminated sites. Phase I (ASTM) Report. All ESAs and mitigation plans performed for this project.)

For additional information see:

HUD Site Contamination Webinar:

[https://www.onecpd.info/learning-center/environmental-review-training/#Evaluating Site Contamination](https://www.onecpd.info/learning-center/environmental-review-training/#Evaluating%20Site%20Contamination)

HUD Guidance on Site Contamination:

<https://www.onecpd.info/environmental-review/site-contamination/>

NEPAssist: <http://nepassisttool.epa.gov/nepassist/entry.aspx>

EPA Envirofacts Data: <http://www.epa.gov/enviro/>

EPA Toxic Release Inventory (TRI): http://www.epa.gov/enviro/html/toxic_releases.html

EPA Maps: <http://www.epa.gov/emefdata/em4ef.home>

EPA CERCLIS/NPL – Superfund database:

<http://www.epa.gov/superfund/sites/query/basic.htm>

ATSDR “ToxFAQs” summaries about hazardous substances:

<http://www.atsdr.cdc.gov/toxfaqs/index.asp>

Right-To-Know Network: <http://www.rtknet.org/>

14. §58.5(j) Environmental Justice (E.O. 12898)

- a. Is the project located in or designed to serve a predominantly minority and low-income neighborhood?
 Yes No

If Yes, continue.

If No, compliance with this section is complete. Mark box "A" on the Statutory Checklist for this authority.

- b. Would there be an adverse environmental impact caused by the proposed action, or would the proposed action be subject to an existing adverse environmental impact?
 Yes No

If No, compliance with this section is complete. Mark box "A" on the Statutory Checklist for this authority.

If Yes, perform an Environmental Justice (EJ) analysis using census, geographic and other data to determine if a low-income/minority population is disproportionately impacted. Continue.

- c. Will the adverse environmental impact of the proposed action disproportionately impact minority and low-income populations relative to the community-at-large?
 Yes No

If Yes, Mitigation or avoidance of adverse impacts must be considered to the extent practicable; and, public participation processes must involve the affected population(s) in the decision-making process. Continue.

If No, compliance with this section is complete. Document the determination of no disproportionate impacts. Mark box "A" on the Statutory Checklist for this authority.

- d. Has the mitigation plan been approved by the RE and the impacted community?
 Yes No

If Yes, compliance with this section is complete. Include mitigation plan in the mitigation section of the Statutory Checklist. Mark box "B" on the Statutory Checklist for this authority.

If No, Project cannot move forward until EJ issue is mitigated to the satisfactory of the RE and impacted community.

Comments:

Cite and attach source documentation: (Mapping of low-income and minority populations in the vicinity of the project site. EJ analysis. Mitigation Plan.)

For additional information see:

EJ HUD Guidance:

<https://www.onecpd.info/environmental-review/environmental-justice/>

HUD EJ Webinar:

[https://www.onecpd.info/learning-center/environmental-review-training/#Environmental Justice at HUD](https://www.onecpd.info/learning-center/environmental-review-training/#EnvironmentalJustice%20at%20HUD)

EJ maps & analysis, by location:

<http://www.scorecard.org/community/ej-index.tcl>

EPA's "EJ View" Tool provides information relevant to EJ assessments:

<http://epamap14.epa.gov/ejmap/entry.html>

Census data and maps also available at:

<http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>

Tract-level data on race & income:

<http://www.ffiec.gov/geocode>

15. Summary of Mitigation Measures:

(Required for Incorporation into Project Design, included in Public Notices, and included as requirements of contracts, grants, loans, etc. Ensure final measures are included in Project Description Section of 7015.15.)

16. References:

(List the Federal, State, or local agencies contacted to obtain their existing environmental reports and other data used for the environmental review of the proposed project.)

17. List of Major Reports Obtained:

(Attach report(s), such as wetlands delineation studies, biological evaluations or habitat assessments, Phase I and II environmental site assessments.)

18. List of Preparers and Summary of Qualifications:

SOURCE DOCUMENTATION – STATUTORY CHECKLIST #1
HISTORIC PROPERTIES



ANDY BESHEAR
GOVERNOR

TOURISM, ARTS AND HERITAGE CABINET
KENTUCKY HERITAGE COUNCIL
THE STATE HISTORIC PRESERVATION OFFICE

LINDY CASEBIER
SECRETARY

JACQUELINE COLEMAN
LT. GOVERNOR

410 HIGH STREET
FRANKFORT, KENTUCKY 40601
(502) 564-7005
www.heritage.ky.gov

CRAIG A. POTTS
EXECUTIVE DIRECTOR &
STATE HISTORIC PRESERVATION OFFICER

October 1, 2024

Jason Moore
Consulting Engineer
ALL4 LLC
1405 Mercer Road
Lexington, KY 40511
Via email: jmoore@all4inc.com

RE: Kentucky Housing Authority, Property II Lot 1 of 110 Campbell Lane
Bowling Green, Warren County, Kentucky

Dear Mr. Moore,

Thank you for your submittal of maps and project specifics for the above-referenced undertaking. We understand AU Associates, Inc. proposes to construct three apartment buildings and associated access and parking areas in Bowling Green.

Our review indicates that the proposed project will not impact any historic properties that are listed on or eligible for listing on the National Register of Historic Places. Available information indicates the proposed project area has been previously disturbed by impacts unrelated to this undertaking. No cultural resource survey is recommended for this project.

Our office would concur with a determination of **No Historic Properties Affected** for this undertaking.

In the unlikely event that human remains are found during construction for this project, work should cease immediately, and the county coroner and the Kentucky Heritage Council should be contacted. Should project plans change or should there be any future concerns or questions regarding cultural resources in the vicinity of this project area, please contact Patti Hutchins of my staff at Patricia.Hutchins@ky.gov.

Sincerely,

Craig Potts
Executive Director and
State Historic Preservation Officer

KHC# 241776
CP: peh



An Equal Opportunity Employer M/F/D

August 28, 2024

Mr. Craig Potts
Executive Director/SHPO
Kentucky Heritage Council
410 High Street
Frankfort, KY 40601

**Re: Kentucky Heritage Council Cover Sheet
for Section 106 Review and Compliance**

Dear Mr. Potts:

ALL4 LLC is providing the attached Kentucky Heritage Council Cover Sheet (and requested documentation) on behalf of AU Associates, Inc. for the property located at Property II Lot No. 1 of 110 Campbell Lane in Bowling Green. AU proposes to construct three apartment buildings on the currently undeveloped land. Should you have any questions concerning this information please contact me at:

Jason Moore
ALL4 LLC
1405 Mercer Road
Lexington, KY 40511
859-785-0389
jmoore@all4inc.com

Your review and prompt response are greatly appreciated. If you have any questions regarding the site of the information being provided, please feel free to contact me by phone or email.

Sincerely,
ALL4 LLC

A handwritten signature in cursive script that reads "Jason Moore".

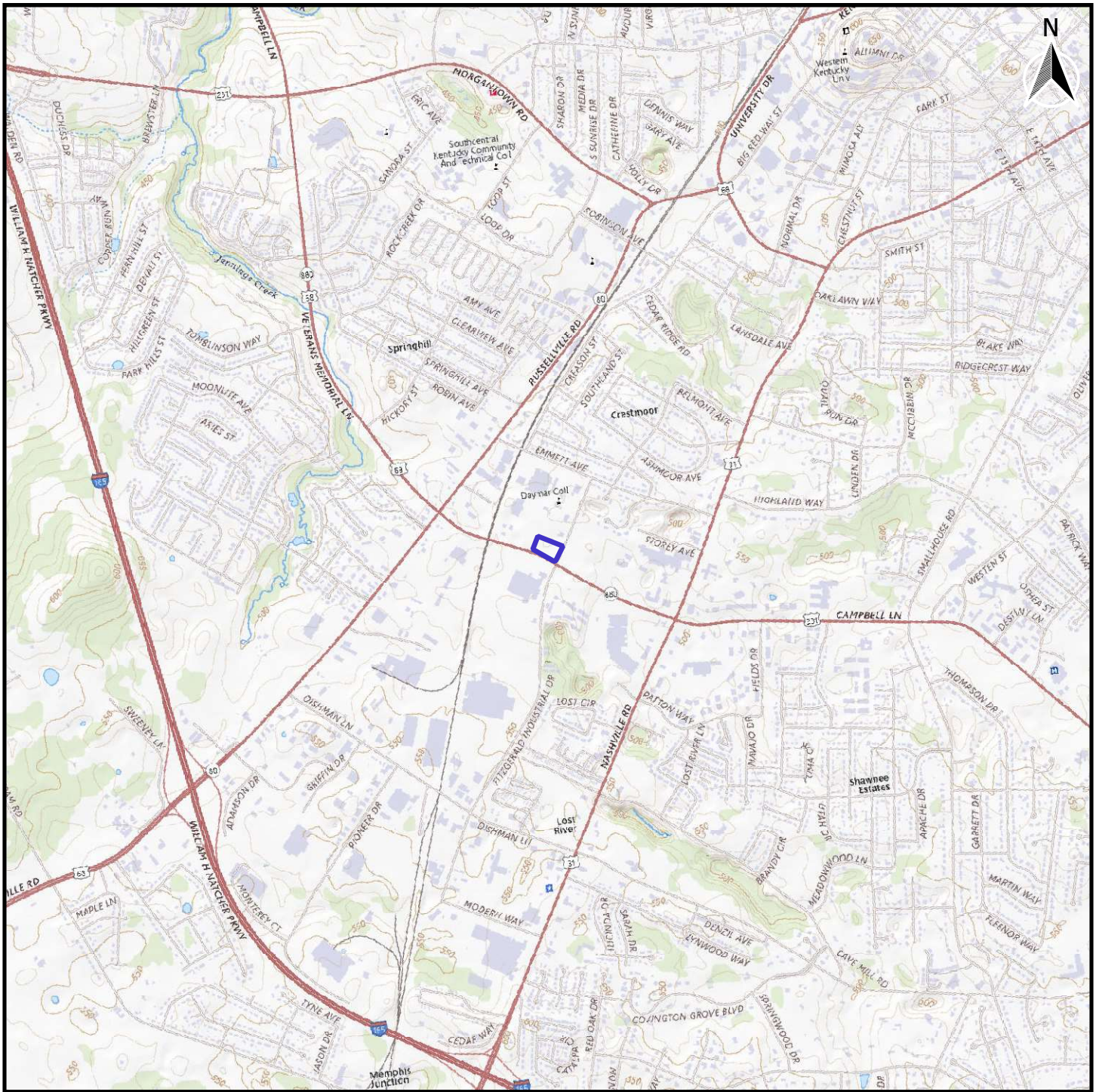
Jason Moore
Consulting Engineer

Attachments: Kentucky Heritage Council Cover Sheet

KENTUCKY HERITAGE COUNCIL COVER SHEET FOR SECTION 106 REVIEW AND COMPLIANCE

When federal (and some state) funds, permits or approvals are needed for a project, regulations such as 36 CFR Part 800 require these agencies or their delegates to consult with the Kentucky Heritage Council/State Historic Preservation Office regarding the project's potential effects on historic properties. To facilitate our review, please provide the following information and applicable attachments. Our office will generate a response within 30 days of receipt. Incomplete submissions may be returned for more information.

SECTION 1: APPLICANT INFORMATION	
Project Sponsor or Applicant: AU Associates, Inc.	
Contact Person (name & position): Brandon Shetler, Director of Development	
Return Address: 159 Old Georgetown Street, Lexington, KY 40508	
Telephone: (859) 437-3075	Fax: (859) 259-0401
Project Title: Property II Lot No. 1 of 110 Campbell Lane	
SECTION 2: AGENCY INFORMATION	
Funding/Permitting Agency: Kentucky Housing Authority	
Agency Contact Person (name & position): Anthony Wright, Multi-Family Programs Administrator	
Telephone: 502-564-7630	E-mail: awright@kyhousing.org
SECTION 3: PROJECT LOCATION	
E911 Street Address (or other description): Property II Lot No. 1 of 110 Campbell Lane	
City/Township: Bowling Green	County: Warren
Latitude: 36.966108	Longitude: -86.474639
SECTION 4: PROJECT TYPE (please check all that apply)	
Proposed Activity: <input checked="" type="checkbox"/> Demolition <input type="checkbox"/> Rehabilitation <input type="checkbox"/> Structural Relocation <input type="checkbox"/> Trails <input checked="" type="checkbox"/> New Construction <input type="checkbox"/> Land and/or Building Acquisition <input type="checkbox"/> Sewer/Water Lines <input type="checkbox"/> Roads/Bridges <input type="checkbox"/> Non-Construction Planning/Refinancing <input type="checkbox"/> Other (describe):	
SECTION 5: IDENTIFICATION OF KNOWN HISTORIC PROPERTIES	
KHC Preliminary Site Check #:	OSA Preliminary Site Check #:
<i>If your project involves ground disturbance, has the site been previously disturbed?</i> <input type="checkbox"/> Yes (describe in detail below) <input checked="" type="checkbox"/> No	
Is there anything over 50 years of age in or visible from the project location? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
SECTION 6: ATTACHMENTS - Attach all as applicable	
<i>All documentation should be labeled with the project name or site address.</i> <input checked="" type="checkbox"/> Clear, current photographs of the project site and anything over 50 years of age in or visible from it. <input checked="" type="checkbox"/> Site map/plan indicating the exact location and boundaries of the project area. <input checked="" type="checkbox"/> Detailed description of the project (may include plans, scope of work, and other available information.) <input type="checkbox"/> Documentation of prior ground disturbance (e.g. maps, photographs, underground utility plans, etc.) <input type="checkbox"/> Any known information about the history/use of the property and local significance.	
Submit all information to Craig Potts, Executive Director/SHPO, Kentucky Heritage Council, 410 High Street, Frankfort, KY 40601.	



Legend

 Subject Property

Figure 1
Area Map

110 Campbell Lane, Bowling Green, KY

0 0.25 0.5 0.75 1 mi



DRAWN BY: **J.M.**

CHECKED BY: **D.H.**

DATE CREATED:
August 2023

PROJ NO.:
001395-0007.00





Legend

 Subject Property

Figure 2
Site Map

110 Campbell Lane, Bowling Green, KY



DRAWN BY: **J.M.**

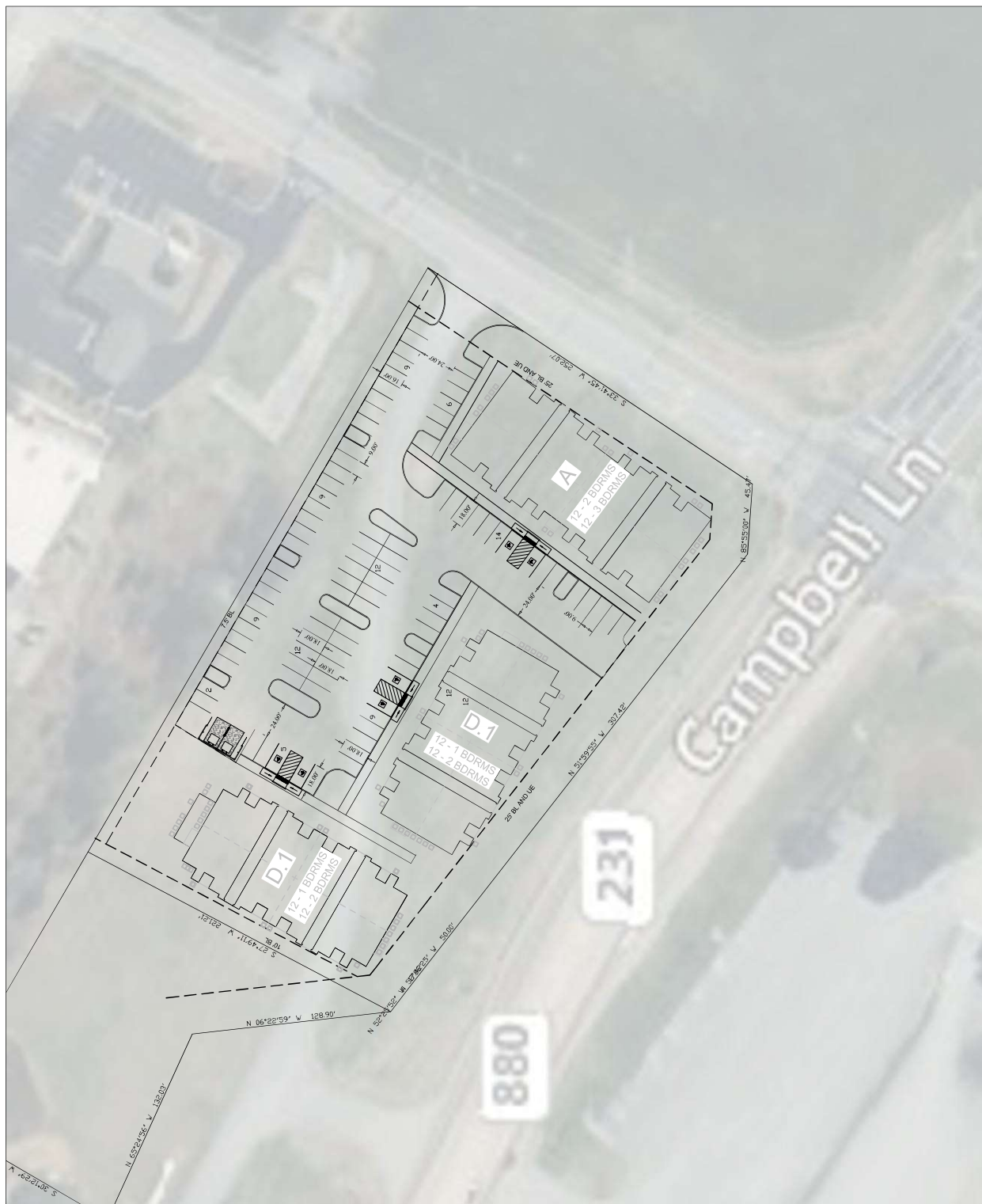
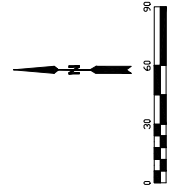
CHECKED BY: **D.H.**

DATE CREATED:
August 2023

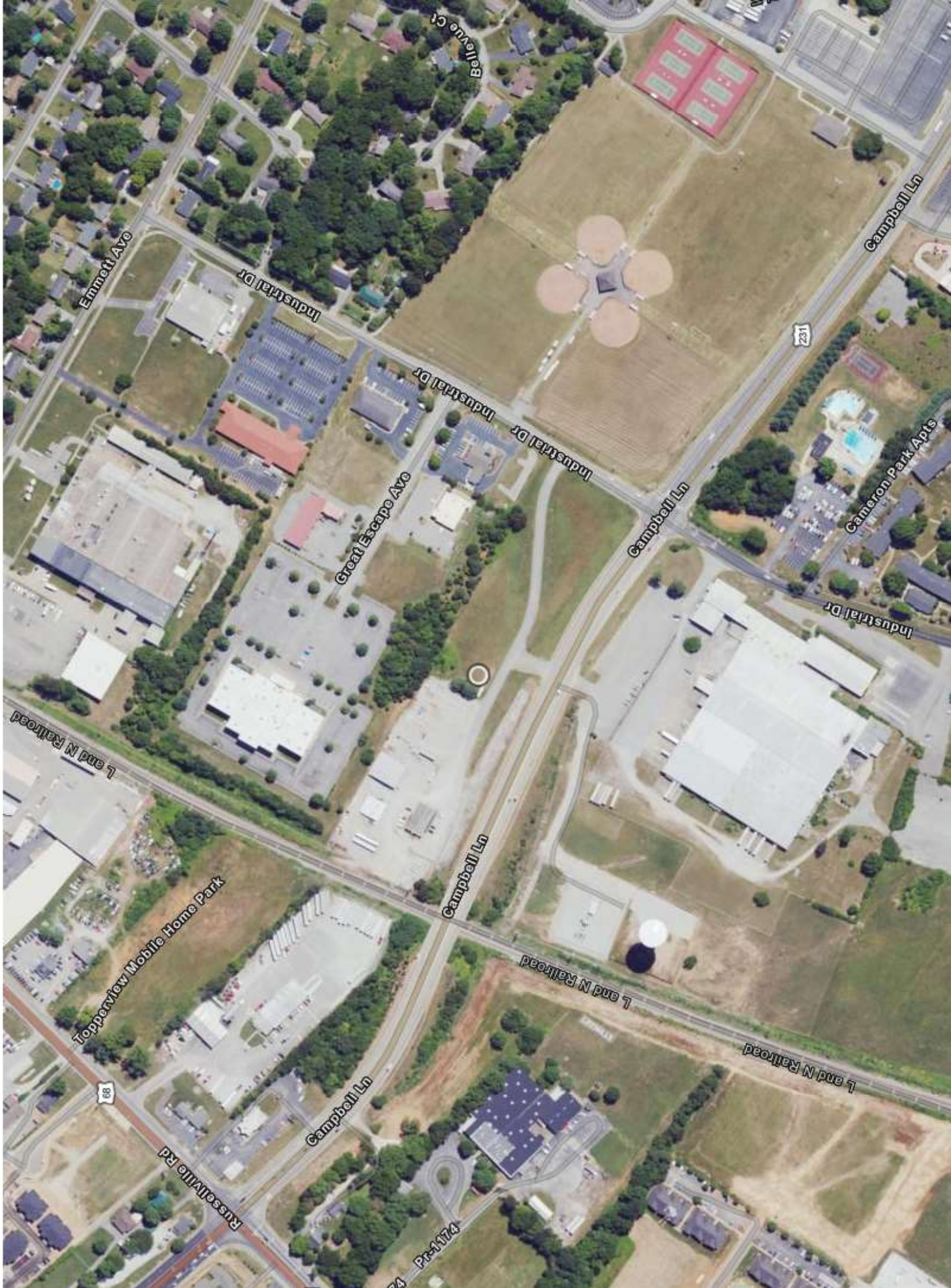
PROJ NO.:
001395-0007.00



CAMPBELL LANE
 3 BUILDING CONCEPT
 72 UNITS
 SITE AREA
 2.41 ACRES
 124 PARKING SPACES REQUIRED
 91 PARKING SPACES SHOWN
 6 ADA SPACES SHOWN
 4 ADA REQUIRED
 1 VAN ADA REQUIRED, 3 SHOWN
 VUA = 34,548 SF
 5% = 1,727 SF REQUIRED
 INTERIOR VUA = 2,997 SF SHOWN
 OPEN SPACE REQUIRED: 15%
 15,747 SF REQUIRED
 23,038 SF SHOWN



PRELIMINARY SITE CHECK RESULTS



Emmett Ave

Industrial Dr

Industrial Dr

Great Escape Ave

Industrial Dr

Campbell Ln

Campbell Ln

231

Cameron Park Apts

Industrial Dr

L and N Railroad

Topperview Mobile Home Park

Campbell Ln

L and N Railroad

L and N Railroad

68

Campbell Ln

Russellville Rd

Pr-1174



WA 194 | VALLEY VIEW

Zoom to

Site Number	WA 194
Historic Name	VALLEY VIEW
Location	2649 RUSSELLVILLE ROAD RD
Town	
Construction Date	1825-1849
Style	GREEK REVIVAL
Status	UNDETERMINED
Function	SINGLE DWELLING
Survey Year	1997

Last edited by karen.stevens@ky.gov on 6/22/2023, 1:57 PM.

REPRESENTATIVE PHOTOGRAPHS



Photo 1

Comments: Subject property.



Photo 2

Comments: Subject property.



Photo 3

Comments: Subject property.



Photo 4

Comments: Subject property.



Photo 5

Comments: Subject property.



Photo 6

Comments: Subject property.



Photo 7

Comments: Subject property looking East.



Photo 8

Comments: Subject property looking North.



Photo 9

Comments: Subject property looking South.



Photo 10

Comments: Subject property looking Southeast.



Photo 11

Comments: Subject property looking Southwest.



Photo 12

Comments: Subject property looking West.



Photo 13

Comments: Fire hydrant on Southeast corner of subject property.



Photo 14

Comments: Sewer manhole along southern border of subject property.



Photo 15
Comments: Decommissioned electrical box on Southeast corner of subject property.



Photo 16
Comments: Representative stormwater culvert on subject property.

SOURCE DOCUMENTATION – STATUTORY CHECKLIST #2
FLOODPLAIN MANAGEMENT

National Flood Hazard Layer FIRMette

86°28'49"W 36°58'13"N



Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS



Without Base Flood Elevation (BFE)
Zone A, V, A99
With BFE or Depth *Zone AE, AO, AH, VE, AR*
Regulatory Floodway

0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*

Future Conditions 1% Annual Chance Flood Hazard *Zone X*

Area with Reduced Flood Risk due to Levee, See Notes, *Zone X*

Area with Flood Risk due to Levee *Zone D*

NO SCREEN

Area of Minimal Flood Hazard *Zone X*

Effective LOMRS

Area of Undetermined Flood Hazard *Zone D*

Channel, Culvert, or Storm Sewer

Levee, Dike, or Floodwall

Cross Sections with 1% Annual Chance Water Surface Elevation

Coastal Transect

Base Flood Elevation Line (BFE)

Limit of Study

Jurisdiction Boundary

Coastal Transect Baseline

Profile Baseline

Hydrographic Feature

Digital Data Available

No Digital Data Available

Unmapped

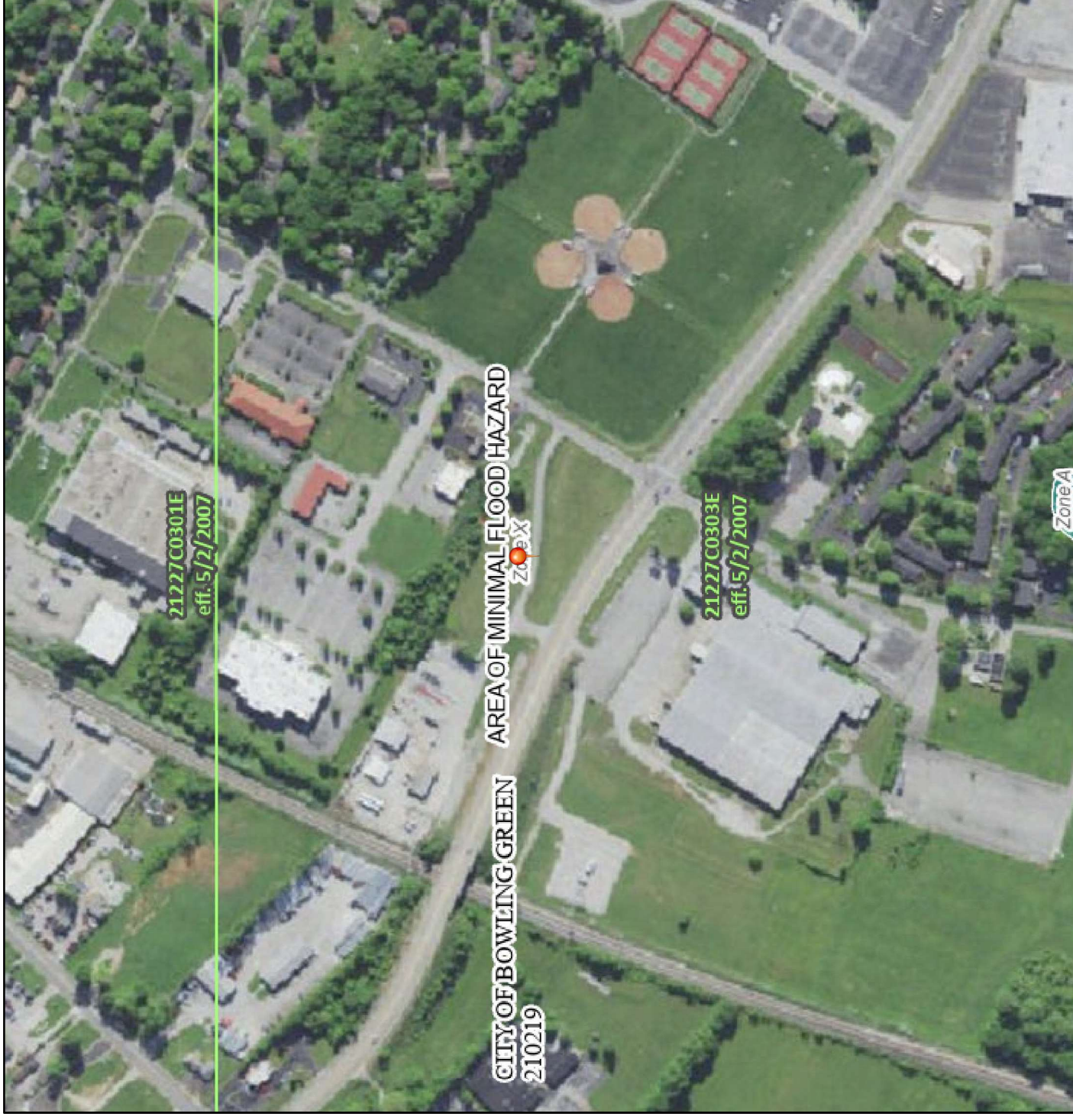
MAP PANELS

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 8/29/2024 at 10:38 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.



SOURCE DOCUMENTATION – STATUTORY CHECKLIST #3
WETLAND PROTECTION



U.S. Fish and Wildlife Service

National Wetlands Inventory

National Wetlands Inventory



U.S. Fish and Wildlife Service National Standards and Support Team.
wetlands_team@fws.gov

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

August 20, 2024

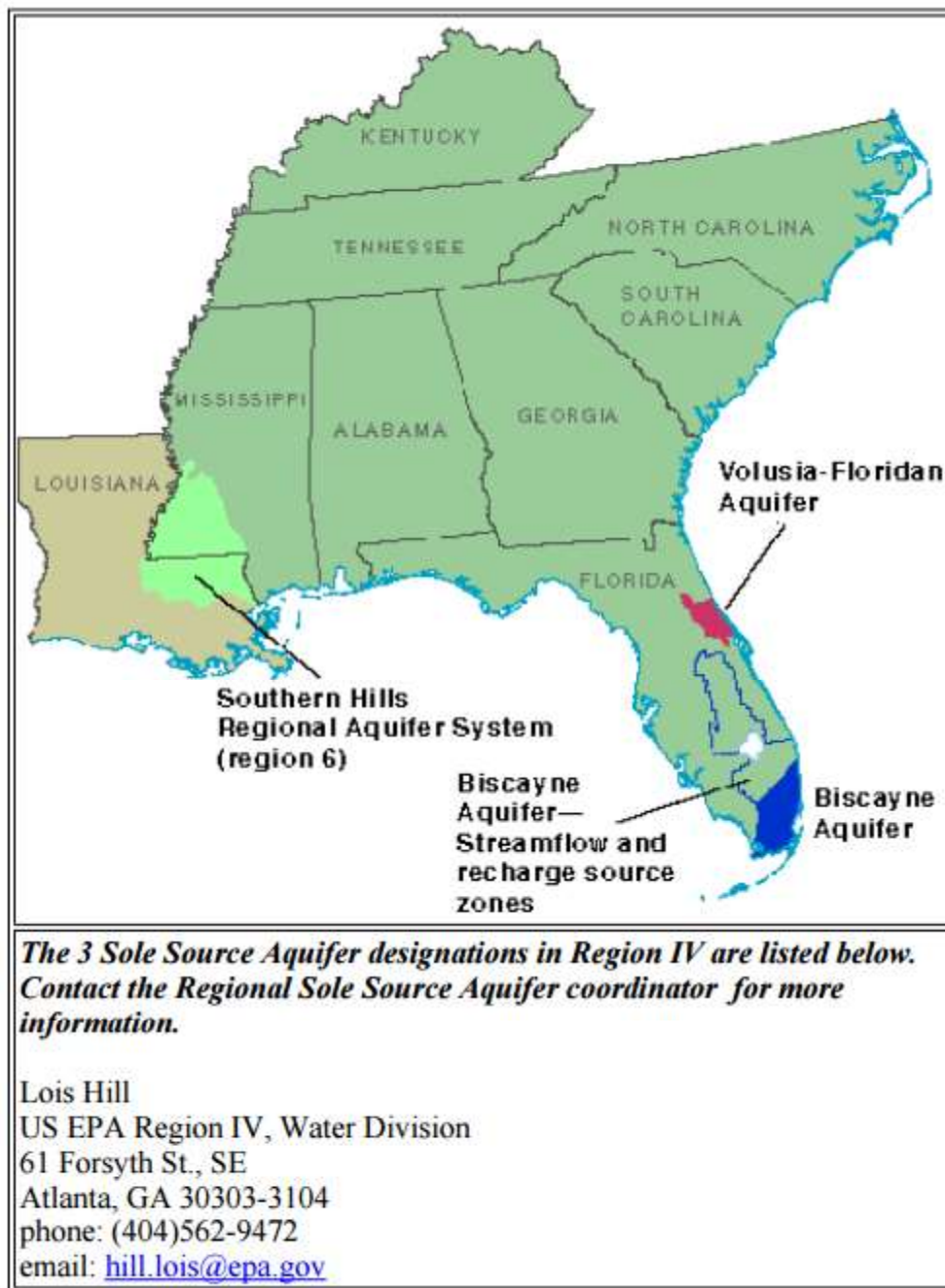
Wetlands

-  Estuarine and Marine Deepwater
-  Estuarine and Marine Wetland
-  Freshwater Emergent Wetland
-  Freshwater Forested/Shrub Wetland
-  Freshwater Pond
-  Lake
-  Other
-  Riverine

SOURCE DOCUMENTATION – STATUTORY CHECKLIST #5
SOLE SOURCE AQUIFERS

Designated Sole Source Aquifers in EPA Region IV

Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee



DESIGNATED SOLE SOURCE AQUIFERS IN REGION IV:

State	Sole Source Aquifer Name	Federal Register Cit.	Public. Date	GIS Map
FL	Biscayne Aquifer, Broward, Dade, Monroe & Palm Beach Counties	44 FR 58797	10/11/79	No
FL	Volusia-Floridan Aquifer, Flagler & Putnam Counties	52 FR 44221	11/18/87	No
*LA/MS	Southern Hills Regional Aquifer System	53 FR 25538	07/07/88	No

*The Southern Hills Regional Aquifer system is jointly managed with Region VI. While listed in both regions, it is counted only once in the national total of 70.

SOURCE DOCUMENTATION – STATUTORY CHECKLIST #6
ENDANGERD SPECIES



United States Department of the Interior



FISH AND WILDLIFE SERVICE
Kentucky Ecological Services Field Office
J C Watts Federal Building, Room 265
330 West Broadway
Frankfort, KY 40601-8670
Phone: (502) 695-0467 Fax: (502) 695-1024
Email Address: kentuckyes@fws.gov

In Reply Refer To:

10/15/2024 19:36:32 UTC

Project code: 2024-0133589

Project Name: 110 Campbell Lane, Bowling Green KY

Subject: Consistency letter for the project named '110 Campbell Lane, Bowling Green KY' for the endangered Indiana bat and its critical habitat in the proposed project location, pursuant to the Indiana Bat Determination Key (DKey)

Dear Jason Moore:

The U.S. Fish and Wildlife Service (Service) received on **October 15, 2024** your effect determination(s) for the '110 Campbell Lane, Bowling Green KY' using the Indiana Bat DKey within the Information for Planning and Consultation (IPaC) system. The Service developed this system in accordance with the Endangered Species Act of 1973 (ESA) (87 Stat.884, as amended; 16 U.S.C. 1531 et seq.).

You have agreed to the following conservation measures:

- All suitable Indiana bat forested habitat will be removed from October 16 - March 31.

Based on your answers and the assistance of the Service's Indiana Bat DKey, you made the following effect determination(s) for the proposed Action:

Species	Listing Status	Determination
Indiana Bat (<i>Myotis sodalis</i>)	Endangered	NLAA
Critical Habitat	Listing Status	Determination
Indiana Bat (<i>Myotis sodalis</i>)	Final	NLAA

Consultation Status

Consultation with the Service is not complete. The above effect determination(s) becomes applicable when the lead federal action agency or designated non-federal representative submits them as a request to the Service to rely on the Indiana Bat DKey in order to satisfy the agency's consultation requirements for this project.

Please provide this consistency letter to the lead federal action agency or its designated non-federal representative with a request for its review, and as the agency deems appropriate, to submit for concurrence verification through the IPaC system. The lead federal action agency or designated non-federal representative should log into IPaC using their agency email account and click "Search by record locator." They will need to enter the record locator **754-151107584**

The Service recommends that your agency contact the Kentucky Ecological Services Field Office or re-evaluate the Action in IPaC if: 1) the scope, timing, duration, or location of the Action changes, 2) new information reveals the Action may affect listed species or designated critical habitat, or 3) a new species is listed or critical habitat designated. If any of the above conditions occurs, additional consultation with the Kentucky Ecological Services Field Office should take place before project changes are final or resources committed.

In addition to the Indiana bat, the following species and/or critical habitats may also occur in your project area and **are not** covered by this conclusion:

- Fanshell *Cyprogenia stegaria* Endangered
- Gray Bat *Myotis grisescens* Endangered
- Kentucky Cave Shrimp *Palaemonias ganteri* Endangered
- Longsolid *Fusconaia subrotunda* Threatened
- Monarch Butterfly *Danaus plexippus* Candidate
- Pink Mucket (pearlymussel) *Lampsilis abrupta* Endangered
- Price's Potato-bean *Apios priceana* Threatened
- Rabbitsfoot *Quadrula cylindrica cylindrica* Threatened
- Round Hickorynut *Obovaria subrotunda* Threatened
- Tricolored Bat *Perimyotis subflavus* Proposed Endangered
- Whooping Crane *Grus americana* Experimental Population, Non-Essential

To address effects to other federally listed or proposed species and/or their designated critical habitat, you can request project-specific review by following the instructions in the "Next Steps" section of your species list letter, or you may use another determination key, if available.

Additional Coordination

To request additional technical assistance or consultation, please contact the Kentucky Ecological Services Field Office . When you contact the office, please provide all relevant site-specific information regarding the proposed Action. The Kentucky Ecological Services Field Office will respond within 30 to 60 days of your submittal.

Action Description

You provided to IPaC the following name and description for the subject Action.

1. Name

110 Campbell Lane, Bowling Green KY

2. Description

The following description was provided for the project '110 Campbell Lane, Bowling Green KY':

110 Campbell Lane
Bowling Green, KY 42101

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@36.96625365,-86.47464812058085,14z>



QUALIFICATION INTERVIEW

1. Will the proposed action involve Federal funding, permitting, or authorization, or will it be carried out by a Federal Agency?

Yes

2. Is the Federal Highway Administration (FHWA), Federal Railroad Administration (FRA), or Federal Transit Administration (FTA) the lead Federal Agency for this action?

No

3. Are you the lead Federal Action Agency or designated non-federal representative requesting concurrence on behalf of the lead Federal Action Agency?

No

4. [Semantic] Is the Action Area within 1/2-mile of a known Indiana bat hibernaculum?

Note: The map queried for this question contains proprietary information and cannot be displayed. If you need additional information, please contact the Field Office listed in the letterhead of this letter.

Automatically answered

No

5. Will the proposed Action involve construction or operation of wind turbines?

No

6. Will the proposed Action involve blasting, other than a fireworks display?

No

7. Will the proposed Action involve a new point source discharge from a facility other than a water treatment plant or storm water system?

No

8. Will the proposed Action involve the creation of a new water-borne contaminant source (e.g., leachate pond, pits containing chemicals that are not NSF/ANSI 60 compliant)?

Note: For information regarding NSF/ANSI 60 please visit <https://www.nsf.org/knowledge-library/nsf-ansi-standard-60-drinking-water-treatment-chemicals-health-effects>

No

9. Will the proposed Action include the removal, replacement, repair and/or maintenance of an existing bridge?

No

10. Will the proposed Action involve perennial stream loss that would require an individual permit under 404 of the Clean Water Act?

No

11. Will the proposed Action involve discharge of sediment into a stream?

No

12. Does the Action Area contain any caves (including their associated sinkholes, fissures, or other karst features), rockshelters, underground quarries, or abandoned mine portals (including associated underground workings)?

No

13. Will the proposed project result in the removal of trees?

Yes

14. Did a **FWS-approved** habitat model applicable to the project site determine the project site to be of low probability for use by Indiana bats?

Note: This question will most commonly be answered "no." If the answer to this question is "yes", you will be required to upload your **Habitat Model Report**

No

15. Will the proposed project result in the removal of potentially suitable summer habitat for the Indiana bat?

Suitable summer habitat for Indiana bats consists of a wide variety of forested/wooded habitats where they roost, forage, and travel. This includes forests and woodlots, linear features such as fencerows, riparian forests, and other wooded corridors. These wooded areas may be dense or loose aggregates of trees with variable amounts of canopy closure. Individual trees may be considered suitable habitat when they exhibit the characteristics of a potential roost tree (live tree and/or snag ≥ 5 inches diameter at breast height (dbh) (12.7 centimeter) that has exfoliating bark, cracks, crevices, and/or hollows) and are located within 1,000 feet (305 meters) of other forested/wooded habitat. See the Indiana Bat and Northern Long-eared Bat Survey Guidelines for additional description (<https://www.fws.gov/library/collections/range-wide-indiana-bat-and-northern-long-eared-bat-survey-guidelines>).

Note: If "no" upload a document with photos representative of the forested habitat to be removed.

Yes

16. Will the proposed Action remove any suitable (primary or alternate) Indiana bat roost trees? *Suitable Indiana bat roost trees are live trees and/or snags ≥ 5 inches diameter at breast height (dbh) (12.7 centimeter) that have exfoliating bark, cracks, crevices, and/or hollows.*

Note: If "no" upload a document with photos representative of the forested habitat to be removed.

Yes

17. Will the proposed Action remove any suitable primary roost trees?

Suitable Indiana bat primary maternity roost tree refers to a dead tree or snag that is nine inches or greater in diameter at breast height and has loose or exfoliating bark, cracks, crevices, and/or hollows. A live tree may also qualify if it contains hollows or dead portions with loose or exfoliating bark, cracks, and/or crevices.

Note: If "no" upload a document with photos representative of the forested habitat to be removed.

No

SUBMITTED DOCUMENTS

- *Trees along property line.jpg* <https://ipac.ecosphere.fws.gov/project/V5L5Z6YJA5HLLIIFSVMRCX2H7A/projectDocuments/151107499>

18. Will the tree removal reduce the area of forest and/or create an opening in the forest canopy? *Common projects that do not create such openings are often narrow (e.g. < 12 feet wide) recreational trails through forested habitats.*

No

19. Will all suitable Indiana bat habitat forested habitat be removed from October 16 - March 31? This conservation measure would minimize impacts to Indiana bats.

Note: Refer to the Indiana Bat and Northern Long-eared Bat Summer Survey Guidelines, Appendix L: Bat Activity Periods (<https://www.fws.gov/library/collections/range-wide-indiana-bat-and-northern-long-eared-bat-survey-guidelines>).

Yes

20. Based on the responses you have provided, we believe that the proposed Action is consistent with the type of Actions programmatically evaluated by the Service under the standing analyses that supports this determination key. These Actions typically conclude with "no effect" or "may affect - not likely to adversely affect" determinations for the Indiana bat.

What determination do you want to make for the Indiana bat:

Note: IPaC will not provide a concurrence for "no effect" determinations, because there is no statutory requirement to request concurrence from the Service. IPaC will provide concurrence for "May affect – not likely to adversely affect" determinations. If you choose "May affect – likely to adversely affect" or "Unsure," additional coordination with the Service is recommended.

May affect – not likely to adversely affect (NLAA)

21. [Hidden Semantic] Does the action area intersect designated Indiana bat critical habitat?

Automatically answered

Yes

22. Based on the responses you have provided, we believe that the proposed Action is consistent with the type of Actions programmatically evaluated by the Service under the standing analyses that supports this determination key. These Actions typically conclude with "no effect" or "may affect - not likely to adversely affect" determinations for Indiana bat critical habitat.

What determination do you want to make for **Indiana bat critical habitat**:

Note: IPaC will not provide a concurrence for "no effect" determinations, because there is no statutory requirement to request concurrence from the Service. IPaC will provide concurrence for "May affect – not likely to adversely affect" determinations. If you choose "May affect – likely to adversely affect" or "Unsure," additional coordination with the Service is recommended.

May affect – not likely to adversely affect (NLAA)

IPAC USER CONTACT INFORMATION

Agency: Private Entity
Name: Jason Moore
Address: 1405 Mercer Road
City: Lexington
State: KY
Zip: 40511
Email: jmoore@all4inc.com
Phone: 8597850389

LEAD AGENCY CONTACT INFORMATION

Lead Agency: Department of Housing and Urban Development



COPPERHEAD
ENVIRONMENTAL CONSULTING

Threatened and Endangered Species Habitat Assessment for the Campbell Lane Development Project in Bowling Green, Warren County, Kentucky

IPaC Consultation Code: 2024-0133589

Submitted To:

Kevin Chaplin
Senior Managing Consultant
ALL4, Inc.

Jason Moore
Consulting Engineer
ALL4, Inc.

Prepared By:

Zachary Baer, Price Sewell, and Taylor Culbertson
Copperhead Environmental Consulting, Inc

4 October 2024

COPPERHEAD ENVIRONMENTAL CONSULTING, INC.
P.O. BOX 73 ■ 471 MAIN STREET ■ PAINT LICK, KENTUCKY 40461
(859) 925-9012 OFFICE (859) 925-9816 FAX

www.copperheadconsulting.com

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Appendices

Appendix A: USFWS IPaC Species List

Appendix B: Habitat Assessment Photograph Log

Appendix C: USFWS Habitat Assessment Datasheets

INTRODUCTION

Copperhead Environmental Consulting, Inc. (Copperhead) was contracted by ALL4, Inc. (ALL4) to conduct a threatened and endangered species habitat assessment for the proposed Campbell Lane Development Project (Project) in Bowling Green, Warren County, Kentucky. The Project limits of disturbance (LOD) is approximately 2.4 acres located immediately north of the intersection of Industrial Drive and Campbell Lane. Approximate Project centroid coordinates are 36.966257, -86.474691. For the purpose of the habitat assessment, Copperhead applied a 50-foot buffer around the northern and western Project LOD boundary to create a 3.8-acre area of investigation (AOI). All areas within this AOI were evaluated during the habitat assessment.

ALL4 provided Copperhead with a US Fish and Wildlife Service (USFWS) Information for Planning and Consultation (IPaC) official species list (dated 21 August 2024) for the Project (Appendix A). The following 13 federally listed species are within the range of the of Project: Indiana bat (*Myotis sodalis*), gray bat (*Myotis grisescens*), tricolored bat (*Perimyotis subflavus*), Whooping Crane (*Grus americana*), Clubshell (*Pleurobema clava*), Fanshell (*Cyprogenia stegaria*), Longsolid (*Fusconaia subrotunda*), Pink Mucket (*Lampsilis abrupta*), Rabbitsfoot (*Quadrula cylindrica cylindrica*), Round Hickorynut (*Obovaria subrotunda*), monarch butterfly (*Danaus plexippus*), Kentucky cave shrimp (*Palaemonias ganteri*), and Price's Potato-bean (*Apios priceana*). Therefore, habitat assessment evaluated the Project AOI for these 13 species. Additionally, although not included in the official species list, Copperhead also included the northern long-eared bat (*Myotis septentrionalis*) in the habitat assessment as the Project falls within in the range of this federally endangered species.

BACKGROUND

Brief descriptions of suitable habitat for each of the federally listed species included in the habitat assessment are included below.

Bat Species

Suitable Indiana bat summer roosting habitat consists of forests or woodlots containing live or dead roost trees with exfoliating bark, cracks, crevices, or cavities that are greater than or equal to five inches (12.7 centimeters) diameter at breast height (dbh). Suitable northern long-eared bat summer roosting habitat consists of forests or woodlots containing live or dead roost trees with exfoliating bark, cracks, crevices, or cavities that are greater than or equal to three inches (7.6 centimeters) dbh. Anthropogenic structures, such as buildings, bridges, and bat boxes are considered potential roosting habitat for both Indiana and tricolored bats. However, trees located in developed areas (such as downtown areas), or forest stands in which all trees are less than 3-inches dbh are not considered suitable roosting habitat (USFWS 2024a).

Suitable tricolored bat summer roosting habitat consists of forest or woodlots containing live or recently dead deciduous or evergreen trees with suitable roost substrate such as live and dead

leaf or needle clusters, Spanish moss (*Tillandsia usneoides*), and beard lichen (*Usnea trichodea*). Tricolored bats prefer to roost in larger diameter trees but trees as small as four inches (10 centimeters) dbh can serve as potential roosts if suitable roost substrate is present. Anthropogenic structures, such as bridges, culverts, barns, and buildings are considered suitable roosting habitat for tricolored bats. However, highly developed areas are not considered suitable roosting habitat for this species (USFWS 2024a).

The gray bat typically roosts in caves year-round and is often found in large numbers, with colonies in excess of one million individuals reported (Brady et al. 1982). Habitat requirements for roosts are highly specific, with fewer than five percent of caves representing suitable habitat (Tuttle 1979). The gray bat utilizes varying types of caves during different times of the year, including caves with deep vertical shafts that provide a cold air trap during winter (hibernacula) and caves with domed ceilings that trap warm air during summer for maternity colonies. Other caves, known as dispersal caves, are used as roosting sites during migration from maternity caves to hibernacula. Gray bats are also known to use bridges as roosting habitat during the spring, summer, and fall.

Avian Species

Whooping cranes utilize a variety of habitats including coastal marshes and estuaries, inland marshes, lakes, open ponds, shallow bays, salt marsh, tidal flats, wet meadows and rivers, and pastures and agricultural fields (USFWS 2024b).

Mollusks

The clubshell mussel has been found in a variety of stream and river conditions, but is most often observed in clean, stable, coarse sand and gravel runs, downstream of riffle areas in medium to small rivers and streams (USFWS 2008). The fanshell mussel inhabits gravel substrate in medium to large rivers of the Ohio River basin and is most often observed in relatively deep water in gravel substrate with moderate current (USFWS 1991). The longsolid mussel exhibits a preference for sand and gravel in streams and small rivers but may also be found in coarse gravel and cobble in larger rivers. Typically, this species is associated with slower, deeper waterways (USFWS 2022). The pink mucket is found in medium to large rivers in habitat ranging from silt to boulders, rubble, gravel, and sand substrates. This species is typically associated with larger rivers in moderate to fast-flowing water (USFWS 1985). The rabbitsfoot mussel occurs in small to medium-sized streams and some larger rivers. This species is typically found in substrates comprised of a mixture of sand and gravel (USFWS 2024d). The round hickorynut mussel prefers run and pool habitats in streams and rivers with sand and gravel substrates but it can also be found in sandy mud (USFWS 2024e).

Crustaceans

The Kentucky cave shrimp is known to occur only in the Roaring River passage of the Flint Mammoth Cave System, Mammoth Cave National Park, Edmonson County, Kentucky. This species relies on subterranean caves systems and specifically prefers pools within the cave system that are exposed to seasonal flooding (USFWS 1980).

Plant Species

Price's potato-bean is typically associated with mixed hardwood forest openings. Habitat for this species includes wood edges in limestone areas, often near streams or along the banks of streams and rivers (USFWS 1989).

Insect Species

The Monarch butterfly is a habitat generalist and can use areas including fields, roadsides, open areas, and wet or urban areas where milkweed and other flowering plants are present. Adult monarchs require milkweed plants for laying their eggs as milkweed is the host plant for the caterpillars of this species (USFWS 2024c).

METHODOLOGY

Prior to conducting the field habitat assessment, Copperhead conducted a desktop analysis to identify potential suitable habitat for each species utilizing global information system (GIS) mapping and aerial photography. This desktop review was used to identify landscape characteristics of the AOI and how they may affect the suitability of the site for use by listed species.

A Copperhead biologist utilized a meandering survey technique to walk the AOI to evaluate site conditions and to identify potentially suitable habitat for federally listed species (as detailed above). Bat habitat assessments were conducted in accordance with the *Range-Wide Indiana Bat & Northern Long-Eared Bat Survey Guidelines* (Guidance; USFWS 2024). Individual potential roost trees (PRT) within the AOI were documented. GPS coordinates for Indiana and northern long-eared bat PRT were collected. Due to the general roosting nature of tricolored bats, any trees four inches dbh or greater with leaves were considered suitable roosting habitat for this species. The number of suitable PRTs for this species within the AOI were counted. Potentially suitable habitat was documented, photographed and GPS coordinates were collected using a handheld GPS enabled tablet.

RESULTS

Copperhead biologist Price Sewell (US Fish and Wildlife Services Federal Fish and Wildlife Permit #ES94849B-2, and Kentucky Department of Fish and Wildlife Resources Scientific Wildlife Collecting Permit SC2411017), conducted the habitat assessment on 26 September 2024. An

overview map detailing the survey findings is provided in Figure 1. Habitat assessment photographs are provided in Appendix B, and USFWS Habitat Assessment Datasheets are provided in Appendix C.

The areas to the west, northwest and southwest of AOI are comprised of commercial and industrial properties, while the area to the east are baseball fields and tennis courts, and the area to the south are residential buildings. The entire Project LOD is comprised of a maintained grass field and existing paved access road. A small, dry, forested drainage ditch is located within the AOI immediately north of the LOD. Dominant tree species within this forested area include loblolly pine (*Pinus taeda*), eastern red cedar (*Juniperus virginiana*), Callery pear (*Pyrus calleryana*), and red maple (*Acer rubrum*). Most of the trees (approximately 60 percent) are small and range from 3-8 inches dbh, 35 percent of trees range from 9-15 inches, and only five percent of trees are larger than 15 inches dbh. The understory within the woodlot is very dense and consist of honeysuckle (*Lonicera spp.*) and Callery pear. No existing building structures are located within the Project AOI.

Two culverts were found within the AOI (Figure 1). Culvert 1 was an 18-inch diameter horizontal corrugated metal pipe culvert but was not considered suitable for bats (southern opening: 36.966271, -86.474315; northern opening: 36.966422, -86.474298). Culvert 2 was a vertical opening metal drain culvert with a caged top and was not suitable for bats (36.966606, -86.474311). One sinkhole was observed within the AOI (36.966450, -86.474586) but was determined to not be suitable for bat use. This sink hole could possibly drain into Kentucky cave shrimp potential habitat. Site topography suggests an underground outlet, however, the nearby vertical drain culvert likely receives most of the water from the site.

One northern long-eared bat PRT was discovered during the assessment (36.966848, -86.474987; Figure 1). This was a live loblolly pine (30 feet tall, 40-centimeter dbh) with a possible knot hole approximately 20 feet from the ground which may be sufficient to provide potential roosting habitat for a northern long-eared bat. Approximately 29 trees within the AOI were greater than 4-inches dbh and therefore were considered tricolored bat PRTs. No snags or Indiana bat PRTs were observed and no suitable habitat for the gray bat was observed.

No surface water features exist within the AOI. There is a dry drainage ditch on the northern end of the AOI (within the forested section of the property), but it appears to rarely carry water. There was no bed banks or channel, and it did not carry water following a rain event. Due to the lack of streams or rivers within the AOI, no potential habitat for the clubshell, fanshell, longsolid pink mucket, rabbitsfoot or round hickorynut was observed. Additionally, due to the lack of marshes, lakes, wet meadows and rivers, no suitable habitat for the whooping crane was observed.

Price's potato bean was not observed during the assessment and habitat for the species was not appropriate. No streams occur within the AOI, and the forested area had a dense understory not conducive for this species.

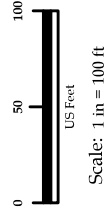


Prepared for:
ALL4

FIGURE 1:
Habitat Assessment Site Overview
for the Proposed Campbell Lane
Development Project, Warren
County, Kentucky.

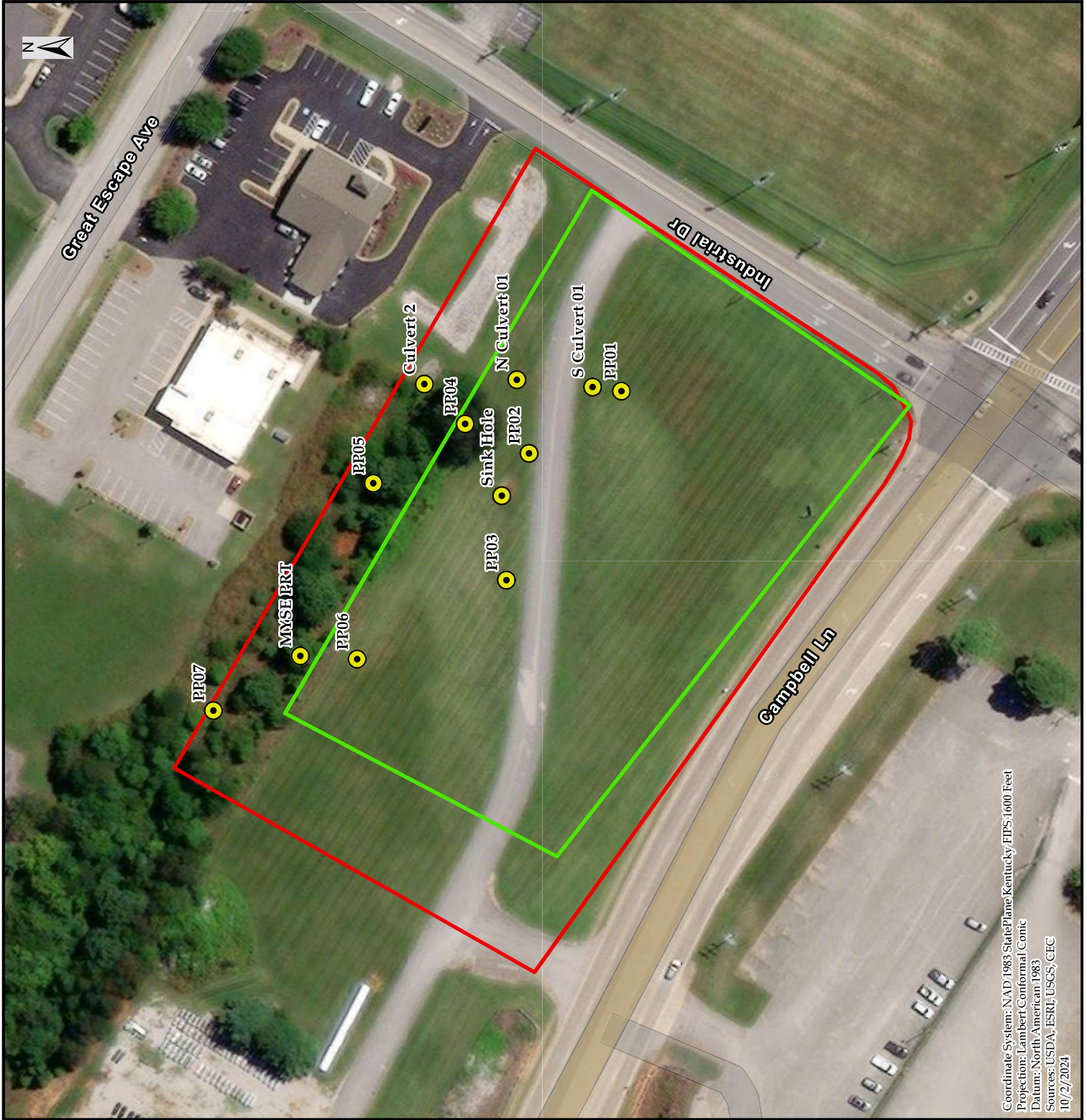
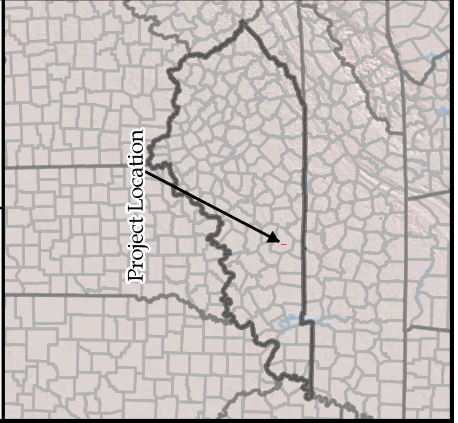
Legend

- Survey Points
- Area of Interest
- Limits of Disturbance



Prepared by:
Copperhead Environmental Consulting, Inc.
471 Main Street
P.O. Box 73
Paint Lick, Kentucky 40461

Drawn by:	TC	Date:	10/2/2024
Checked by:	ZB	Revision:	01



Coordinate System: NAD 1983 StatePlane Kentucky FIPS 1600 Feet
 Projection: Lambert Conformal Conic
 Datum: North American 1983
 Sources: USDA, ESRI, USGS, CEG
 10/2/2024

No flowering plants or milkweed were observed during the assessment. Additionally, all open areas were comprised of maintained mowed grass. Therefore, habitat for the monarch butterfly was not ideal.

CONCLUSIONS

Overall, listed species habitat within the Project AOI is considered poor. The majority of the AOI is a maintained mowed field surrounded by dense commercial and residential development and bordered by roadways to the east and south. Though there is a small area of forest within the northern portion of the AOI, it is primarily smaller trees with a highly cluttered understory. No surface water features are located within the AOI.

Roosting habitat for tricolored and northern long-eared bats was found within the AOI; however, this habitat can be considered poor. USFWS (2024), states that trees found in highly developed urban areas (e.g., downtown areas) are not suitable bat habitat. As this Project is located within the boundaries of the city of Bowling Green, KY, it is not typical habitat for these species.

One sink hole was located within the Project AOI that could drain into Kentucky cave shrimp habitat. However, a vertical drain culvert likely receives most of the water from the site. The closest point of a known Kentucky cave shrimp basin is approximately 23 miles to the northeast, just outside Mammoth Cave National Park. It is likely this Project falls outside the potential to impact this species.

No potential habitat was observed for the Indiana bat, gray bat, whooping crane, clubshell, fanshell, longsolid, pink mucket, rabbitsfoot, round hickorynut, monarch butterfly, or Price's potato-bean.

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Appendix A:
USFWS IPaC Species List



United States Department of the Interior



FISH AND WILDLIFE SERVICE
Kentucky Ecological Services Field Office
J C Watts Federal Building, Room 265
330 West Broadway
Frankfort, KY 40601-8670
Phone: (502) 695-0467 Fax: (502) 695-1024
Email Address: kentuckyes@fws.gov

In Reply Refer To:

08/21/2024 19:39:39 UTC

Project Code: 2024-0133589

Project Name: 110 Campbell Lane, Bowling Green KY

Subject: List of threatened and endangered species that may occur in your proposed project location or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the

human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2) (c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

<https://www.fws.gov/sites/default/files/documents/endangered-species-consultation-handbook.pdf>

Migratory Birds: In addition to responsibilities to protect threatened and endangered species under the Endangered Species Act (ESA), there are additional responsibilities under the Migratory Bird Treaty Act (MBTA) and the Bald and Golden Eagle Protection Act (BGEPA) to protect native birds from project-related impacts. Any activity, intentional or unintentional, resulting in take of migratory birds, including eagles, is prohibited unless otherwise permitted by the U.S. Fish and Wildlife Service (50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)). For more information regarding these Acts, see <https://www.fws.gov/program/migratory-bird-permit/what-we-do..>

The MBTA has no provision for allowing take of migratory birds that may be unintentionally killed or injured by otherwise lawful activities. It is the responsibility of the project proponent to comply with these Acts by identifying potential impacts to migratory birds and eagles within applicable NEPA documents (when there is a federal nexus) or a Bird/Eagle Conservation Plan (when there is no federal nexus). Proponents should implement conservation measures to avoid or minimize the production of project-related stressors or minimize the exposure of birds and their resources to the project-related stressors. For more information on avian stressors and recommended conservation measures, see <https://www.fws.gov/library/collections/threats-birds>.

In addition to MBTA and BGEPA, Executive Order 13186: *Responsibilities of Federal Agencies to Protect Migratory Birds*, obligates all Federal agencies that engage in or authorize activities that might affect migratory birds, to minimize those effects and encourage conservation measures that will improve bird populations. Executive Order 13186 provides for the protection of both migratory birds and migratory bird habitat. For information regarding the implementation of Executive Order 13186, please visit <https://www.fws.gov/partner/council-conservation-migratory-birds>.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Code in the header of

this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List

OFFICIAL SPECIES LIST

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

Kentucky Ecological Services Field Office

J C Watts Federal Building, Room 265

330 West Broadway

Frankfort, KY 40601-8670

(502) 695-0467

PROJECT SUMMARY

Project Code: 2024-0133589
Project Name: 110 Campbell Lane, Bowling Green KY
Project Type: Residential Construction
Project Description: 110 Campbell Lane
Bowling Green, KY 42101

Project Location:

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@36.9659772,-86.4745229750539,14z>



Counties: Warren County, Kentucky

ENDANGERED SPECIES ACT SPECIES

There is a total of 13 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species. Note that 4 of these species should be considered only under certain conditions.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries¹, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

-
1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

MAMMALS

NAME	STATUS
<p>Gray Bat <i>Myotis grisescens</i></p> <p>No critical habitat has been designated for this species. This species only needs to be considered under the following conditions:</p> <ul style="list-style-type: none"> The project area includes potential gray bat habitat. <p>Species profile: https://ecos.fws.gov/ecp/species/6329 General project design guidelines: https://ipac.ecosphere.fws.gov/project/V5L5Z6YJA5HLLIIFSVMRCX2H7A/documents/generated/6422.pdf</p>	Endangered
<p>Indiana Bat <i>Myotis sodalis</i></p> <p>There is final critical habitat for this species. Your location overlaps the critical habitat. This species only needs to be considered under the following conditions:</p> <ul style="list-style-type: none"> The project area includes 'potential' habitat. All activities in this location should consider possible effects to this species. <p>Species profile: https://ecos.fws.gov/ecp/species/5949 General project design guidelines: https://ipac.ecosphere.fws.gov/project/V5L5Z6YJA5HLLIIFSVMRCX2H7A/documents/generated/6422.pdf</p>	Endangered
<p>Tricolored Bat <i>Perimyotis subflavus</i></p> <p>No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/10515</p>	Proposed Endangered

BIRDS

NAME	STATUS
<p>Whooping Crane <i>Grus americana</i></p> <p>Population: U.S.A. (AL, AR, CO, FL, GA, ID, IL, IN, IA, KY, LA, MI, MN, MS, MO, NC, NM, OH, SC, TN, UT, VA, WI, WV, western half of WY) No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/758</p>	Experimental Population, Non- Essential

CLAMS

NAME	STATUS
<p>Clubshell <i>Pleurobema clava</i></p> <p>Population: Wherever found; Except where listed as Experimental Populations No critical habitat has been designated for this species. This species only needs to be considered under the following conditions:</p> <ul style="list-style-type: none"> The species may be affected by projects that significantly impact the Green River and/or the Barren River. <p>Species profile: https://ecos.fws.gov/ecp/species/3789 General project design guidelines: https://ipac.ecosphere.fws.gov/project/V5L5Z6YJA5HLLIIFSVMRCX2H7A/documents/generated/5639.pdf</p>	Endangered
<p>Fanshell <i>Cyprogenia stegaria</i></p>	Endangered

NAME	STATUS
<p>No critical habitat has been designated for this species.</p> <p>This species only needs to be considered under the following conditions:</p> <ul style="list-style-type: none"> The species may be affected by projects that significantly impact the Green River and/or the Barren River. <p>Species profile: https://ecos.fws.gov/ecp/species/4822</p> <p>General project design guidelines: https://ipac.ecosphere.fws.gov/project/V5L5Z6YJA5HLLIIFSVMRCX2H7A/documents/generated/5639.pdf</p>	
<p>Longsolid <i>Fusconaia subrotunda</i></p> <p>There is final critical habitat for this species. Your location does not overlap the critical habitat.</p> <p>Species profile: https://ecos.fws.gov/ecp/species/9880</p>	Threatened
<p>Pink Mucket (pearlymussel) <i>Lampsilis abrupta</i></p> <p>No critical habitat has been designated for this species.</p> <p>Species profile: https://ecos.fws.gov/ecp/species/7829</p> <p>General project design guidelines: https://ipac.ecosphere.fws.gov/project/V5L5Z6YJA5HLLIIFSVMRCX2H7A/documents/generated/5639.pdf</p>	Endangered
<p>Rabbitsfoot <i>Quadrula cylindrica cylindrica</i></p> <p>There is final critical habitat for this species. Your location does not overlap the critical habitat.</p> <p>Species profile: https://ecos.fws.gov/ecp/species/5165</p> <p>General project design guidelines: https://ipac.ecosphere.fws.gov/project/V5L5Z6YJA5HLLIIFSVMRCX2H7A/documents/generated/5639.pdf</p>	Threatened
<p>Round Hickorynut <i>Obovaria subrotunda</i></p> <p>There is final critical habitat for this species. Your location does not overlap the critical habitat.</p> <p>Species profile: https://ecos.fws.gov/ecp/species/9879</p>	Threatened

INSECTS

NAME	STATUS
<p>Monarch Butterfly <i>Danaus plexippus</i></p> <p>No critical habitat has been designated for this species.</p> <p>Species profile: https://ecos.fws.gov/ecp/species/9743</p>	Candidate

CRUSTACEANS

NAME	STATUS
<p>Kentucky Cave Shrimp <i>Palaemonias ganteri</i></p> <p>There is final critical habitat for this species. Your location does not overlap the critical habitat.</p> <p>Species profile: https://ecos.fws.gov/ecp/species/5008</p>	Endangered

FLOWERING PLANTS

NAME	STATUS
<p>Price's Potato-bean <i>Apios priceana</i></p>	Threatened

NAME	STATUS
------	--------

Population:

No critical habitat has been designated for this species.

Species profile: <https://ecos.fws.gov/ecp/species/7422>

CRITICAL HABITATS

There is 1 critical habitat wholly or partially within your project area under this office's jurisdiction.

NAME	STATUS
------	--------

Indiana Bat *Myotis sodalis*

Final

<https://ecos.fws.gov/ecp/species/5949#crithab>

IPAC USER CONTACT INFORMATION

Agency: ALL4 LLC
Name: Jason Moore
Address: 1405 Mercer Road
City: Lexington
State: KY
Zip: 40511
Email: jmoore@all4inc.com
Phone: 8597850389

Appendix B:
Habitat Assessment Photograph Log



**Threatened and Endangered Species Habitat Assessment for the
Campbell Land Development Project, Warren County, Kentucky
Habitat Assessment Photograph Log**

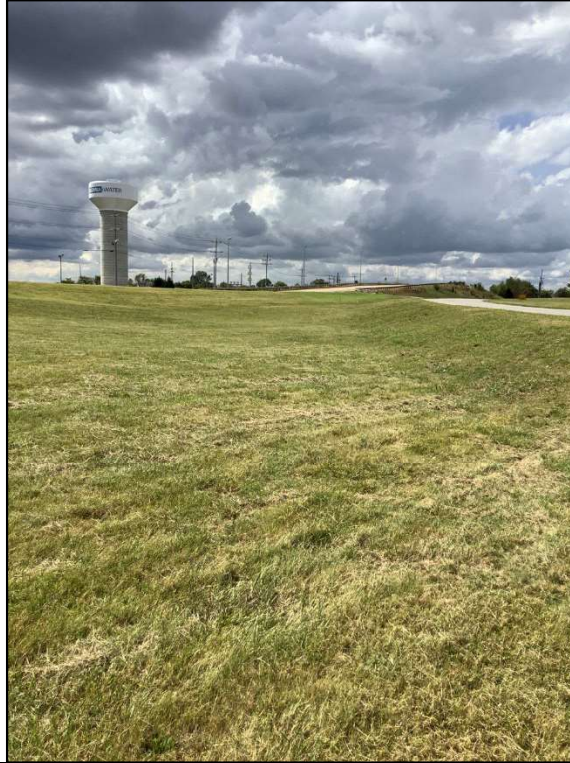
Project No.:
1643

County, State:
Warren County, KY

Client:
ALL4

Photograph Point:
PP01

Description:
Lawn south of existing
paved road.



Photograph Point:
PP02

Description:
Lawn north of existing
paved road.





**Threatened and Endangered Species Habitat Assessment for the
Campbell Land Development Project, Warren County, Kentucky
Habitat Assessment Photograph Log**

Project No.:
1643

County, State:
Warren County, KY

Client:
ALL4

Photograph Point:
PP03

Description:
Woodlot north looking from
existing paved road.



Photograph Point:
PP04

Description:
Largest tree located within
the AOI. Live black cherry,
84.4 centimeters dbh;
approximately 50 feet tall.
No visible crevices or
sloughing bark. Potential
PESU roost.





**Threatened and Endangered Species Habitat Assessment for the
Campbell Land Development Project, Warren County, Kentucky
Habitat Assessment Photograph Log**

Project No.:
1643

County, State:
Warren County, KY

Client:
ALL4

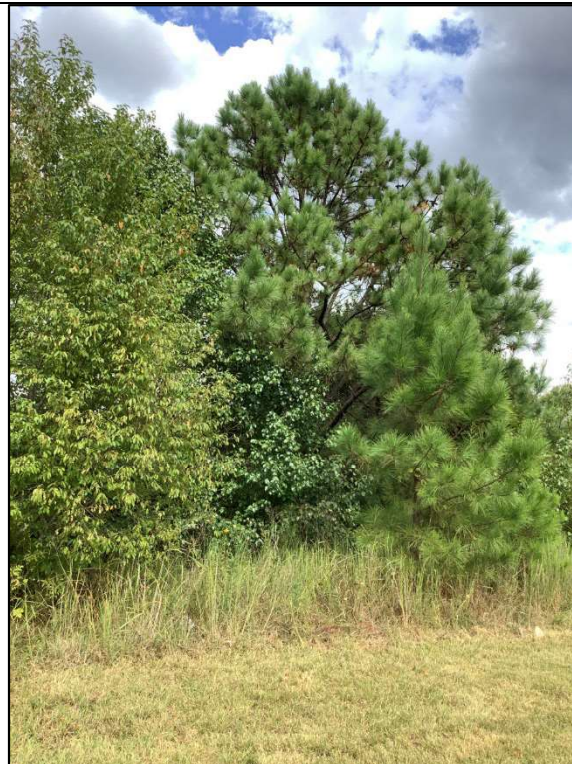
Photograph Point:
PP05

Description:
Dry drainage ditch running
through the center of the
forested woodlot.



Photograph Point:
PP06

Description:
Example of the larger trees
located within the woodlot.
45-foot loblolly pine located
on the edge of the woodlot.





**Threatened and Endangered Species Habitat Assessment for the
Campbell Land Development Project, Warren County, Kentucky
Habitat Assessment Photograph Log**

Project No.:
1643

County, State:
Warren County, KY

Client:
ALL4

Photograph Point:
PP07

Description:
Upper end of the dry
drainage ditch running
through the center of the
forested woodlot.



Photograph Point:
S Culvert 01

Description:
Southern end of Culvert 01.
18-inch diameter metal
horizontal culvert pipe. No
sign of bats and does not
appear to be appropriate for
bat use.





**Threatened and Endangered Species Habitat Assessment for the
Campbell Land Development Project, Warren County, Kentucky
Habitat Assessment Photograph Log**

Project No.:
1643

County, State:
Warren County, KY

Client:
ALL4

Photograph Point:
Culvert 02

Description:
Vertical opening, metal
culvert with a caged top. Not
suitable for bat use.



Photograph Point:
Sink Hole

Description:
Small open sinkhole. Not
suitable for bat use.



Appendix C:
USFWS Habitat Assessment Datasheets

APPENDIX A: PHASE 1 HABITAT ASSESSMENTS

BAT HABITAT ASSESSMENT DATASHEET

Project Name: All4 Campbell Lane Development Date: 9/26/2024
 Township/Range/Section: Bowling Green, KY
 Lat Long/UTM/ Zone: 36.966299, -86.474721 Surveyor: P. Sewell

Brief Project Description
 Construction of an apartment complex

Project Area				
	Total Acres	Forest Acres		Open Acres
Project	3.76	0.41		3.35
Proposed Tree Removal (ac)	Completely cleared	Partially cleared (will leave trees)	Preserve acres- no clearing	
	3.35 (open acres)	3.35	0.41	

*Note: Development will only occur within the area that is already cleared. It is possible that some trees will eventually die due to damage to roots from construction.

Vegetation Cover Types	
Pre-Project	Post-Project
Grassland: 2.09 acres Wooded: 0.40 acres Paved Road: 0.27 acres	Grassland: 0.78 acres Wooded: 0.40 acres Paved Road: 0.27 acres Apartment Complex: 2.31 acres (includes building, parking, lawn, etc).

Landscape within 5 mile radius
Flight corridors to other forested areas? Wooded strip along norther property edge is the only wooded portion of the property. The Barren River corridor lies 3.5 miles to the northeast. Continuous forest is present on the slopes starting 2.7 miles to the west. Wooded neighborhoods occur within a half mile to the north, northeast, east, and southeast.
Describe Adjacent Properties (e.g. forested, grassland, commercial or residential development, water sources)
 Commercial/industrial properties are adjacent to the west, NW, and SW. Ballfields and tennis courts are adjacent to the east. Neighborhoods are adjacent to the southeast.

Proximity to Public Land
What is the distance (mi.) from the project area to forested public lands (e.g., national or state forests, national or state parks, conservation areas, wildlife management areas)?
 Hobson Grove Park has a small natural area on Jennings Creek 2.9 miles to the north. Mammoth Cave National Park is 20.8 miles to the north.

APPENDIX A: PHASE 1 HABITAT ASSESSMENTS

Use additional sheets to assess discrete habitat types at multiple sites in a project area

Include a map depicting locations of sample sites if assessing discrete habitats at multiple sites in a project area

A single sheet can be used for multiple sample sites if habitat is the same

Sample Site Description	
Sample Site No.(s): <u>CL-01</u>	

Water Resources at Sample Site			
Stream Type (# and length)	Ephemeral None	Intermittent None	Perennial
Pools/Ponds (# and size)	None	Open and accessible to bats? NA	
Wetlands (approx. ac.)	Permanent None	Seasonal None	
Describe existing condition of water sources: Ditch bounding the property to the NE side was dry after a rain event. No bed material, banks, or channel were present and it was not considered a stream.			

Forest Resources at Sample Site			
Closure/Density	Canopy (> 50%) 1	Midstory (20-50%) 4	Understory (<20%) 6
Dominant Species of Mature Trees	1. Pinus taeda; 2. Juniperus virginiana; 3. Pyrus calleryana; 4. Acer rubrum		
% Trees w/ Exfoliating Bark	0	-	-
Size Composition of Live Trees (%)	Small (3-8 in) 60%	Med (9-15 in) 35%	Large (>15 in) 5%
No. of Suitable Snags	1 - MYSE		

1=1-10%, 2=11-20%, 3=21-40%, 4=41-60%, 5=61-80%, 6=81-100%

Standing dead trees with exfoliating bark, cracks, crevices, or hollows. Snags without these characteristics are not considered suitable.

IS THE HABITAT SUITABLE FOR INDIANA BATS? Yes: Marginal summer foraging habitat in wooded strip. No MYSO PRT

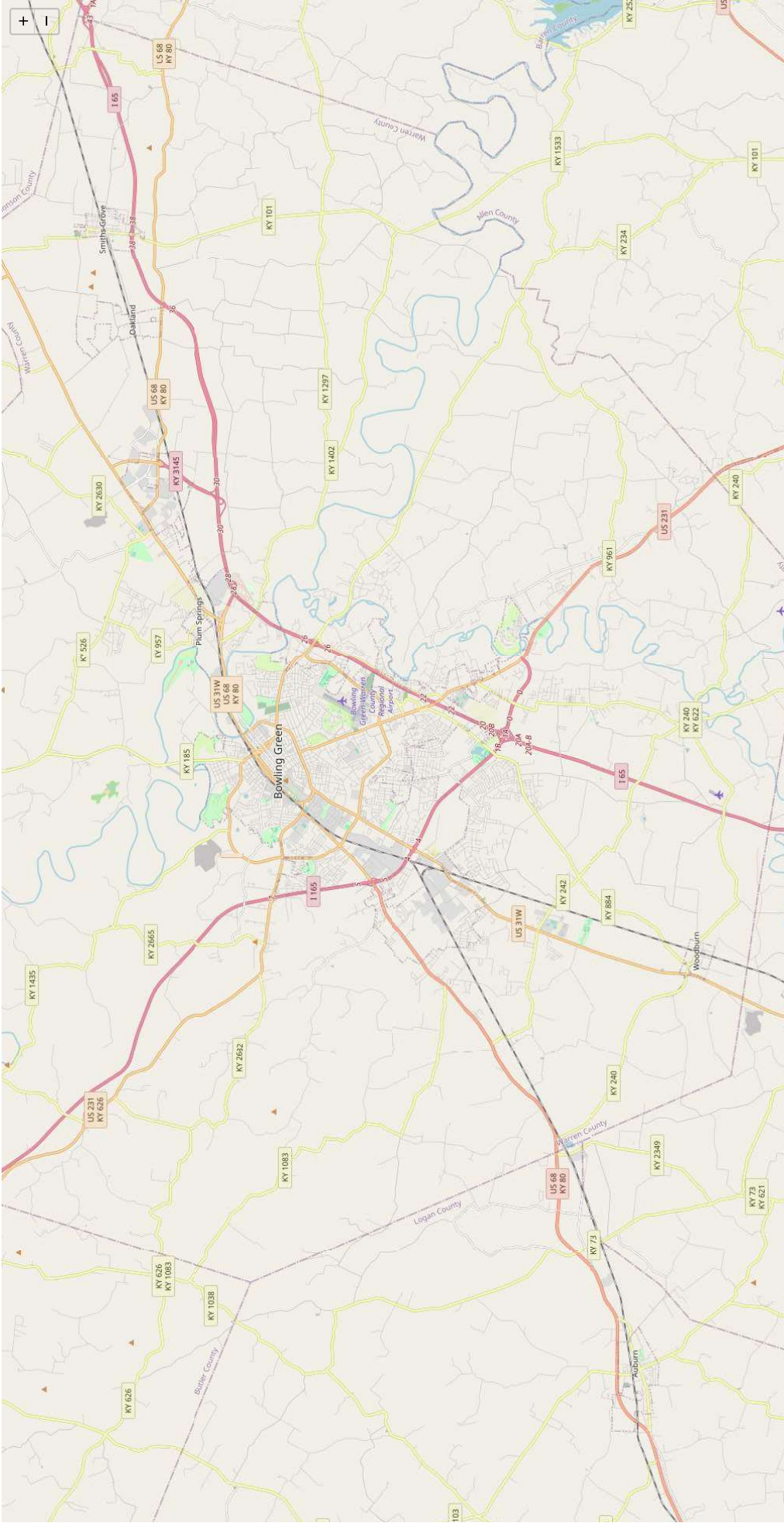
IS THE HABITAT SUITABLE FOR NORTHERN LONG-EARED BATS? Yes: Marginal summer foraging habitat; 1 MYSE PRT

Additional Comments:	<p>MYSE PRT was a loblolly pine with a small knot hole. Could not see if the hole recessed sufficiently to house MYSE.</p> <p>Other than the wooded strip along the northern edge of the lot, the property was all mowed grass and access road. Culverts were present though were not suitable for bats. 2 culverts were either end of an 18 inch diameter corrugated pipe under the access road. The other culvert was a horizontal concrete drain pipe that was caged. Although there were a few large trees in the wooded strip, the majority were around 30 ft high with high occurrence of bush honeysuckle and Bradford pear.</p> <p>A drainage ditch runs through the center of the wooded strip. It appears to rarely carry water. There was no bed, banks, or channel so it was not considered a stream. The ditch did not carry water following a rain event.</p>
-----------------------------	---

Attach aerial photo of project site with all forested areas labeled and a general description of the habitat

Photographic Documentation: habitat shots at edge and interior from multiple locations; understory/midstory/canopy; examples of potential suitable snags and live trees; water sources

SOURCE DOCUMENTATION – STATUTORY CHECKLIST #7
WILD AND SCENIC RIVERS



Recreational
Wild

SOURCE DOCUMENTATION – STATUTORY CHECKLIST #9
FARMLAND PROTECTION

Custom Soil Resource Report for Warren County, Kentucky



Preface

Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (<http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/>) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (<https://offices.sc.egov.usda.gov/locator/app?agency=nrcs>) or your NRCS State Soil Scientist (http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/?cid=nrcs142p2_053951).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Web Soil Survey, the site for official soil survey information.

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How Soil Surveys Are Made

Soil surveys are made to provide information about the soils and miscellaneous areas in a specific area. They include a description of the soils and miscellaneous areas and their location on the landscape and tables that show soil properties and limitations affecting various uses. Soil scientists observed the steepness, length, and shape of the slopes; the general pattern of drainage; the kinds of crops and native plants; and the kinds of bedrock. They observed and described many soil profiles. A soil profile is the sequence of natural layers, or horizons, in a soil. The profile extends from the surface down into the unconsolidated material in which the soil formed or from the surface down to bedrock. The unconsolidated material is devoid of roots and other living organisms and has not been changed by other biological activity.

Currently, soils are mapped according to the boundaries of major land resource areas (MLRAs). MLRAs are geographically associated land resource units that share common characteristics related to physiography, geology, climate, water resources, soils, biological resources, and land uses (USDA, 2006). Soil survey areas typically consist of parts of one or more MLRA.

The soils and miscellaneous areas in a survey area occur in an orderly pattern that is related to the geology, landforms, relief, climate, and natural vegetation of the area. Each kind of soil and miscellaneous area is associated with a particular kind of landform or with a segment of the landform. By observing the soils and miscellaneous areas in the survey area and relating their position to specific segments of the landform, a soil scientist develops a concept, or model, of how they were formed. Thus, during mapping, this model enables the soil scientist to predict with a considerable degree of accuracy the kind of soil or miscellaneous area at a specific location on the landscape.

Commonly, individual soils on the landscape merge into one another as their characteristics gradually change. To construct an accurate soil map, however, soil scientists must determine the boundaries between the soils. They can observe only a limited number of soil profiles. Nevertheless, these observations, supplemented by an understanding of the soil-vegetation-landscape relationship, are sufficient to verify predictions of the kinds of soil in an area and to determine the boundaries.

Soil scientists recorded the characteristics of the soil profiles that they studied. They noted soil color, texture, size and shape of soil aggregates, kind and amount of rock fragments, distribution of plant roots, reaction, and other features that enable them to identify soils. After describing the soils in the survey area and determining their properties, the soil scientists assigned the soils to taxonomic classes (units). Taxonomic classes are concepts. Each taxonomic class has a set of soil characteristics with precisely defined limits. The classes are used as a basis for comparison to classify soils systematically. Soil taxonomy, the system of taxonomic classification used in the United States, is based mainly on the kind and character of soil properties and the arrangement of horizons within the profile. After the soil

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scientists classified and named the soils in the survey area, they compared the individual soils with similar soils in the same taxonomic class in other areas so that they could confirm data and assemble additional data based on experience and research.

The objective of soil mapping is not to delineate pure map unit components; the objective is to separate the landscape into landforms or landform segments that have similar use and management requirements. Each map unit is defined by a unique combination of soil components and/or miscellaneous areas in predictable proportions. Some components may be highly contrasting to the other components of the map unit. The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The delineation of such landforms and landform segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, onsite investigation is needed to define and locate the soils and miscellaneous areas.

Soil scientists make many field observations in the process of producing a soil map. The frequency of observation is dependent upon several factors, including scale of mapping, intensity of mapping, design of map units, complexity of the landscape, and experience of the soil scientist. Observations are made to test and refine the soil-landscape model and predictions and to verify the classification of the soils at specific locations. Once the soil-landscape model is refined, a significantly smaller number of measurements of individual soil properties are made and recorded. These measurements may include field measurements, such as those for color, depth to bedrock, and texture, and laboratory measurements, such as those for content of sand, silt, clay, salt, and other components. Properties of each soil typically vary from one point to another across the landscape.

Observations for map unit components are aggregated to develop ranges of characteristics for the components. The aggregated values are presented. Direct measurements do not exist for every property presented for every map unit component. Values for some properties are estimated from combinations of other properties.

While a soil survey is in progress, samples of some of the soils in the area generally are collected for laboratory analyses and for engineering tests. Soil scientists interpret the data from these analyses and tests as well as the field-observed characteristics and the soil properties to determine the expected behavior of the soils under different uses. Interpretations for all of the soils are field tested through observation of the soils in different uses and under different levels of management. Some interpretations are modified to fit local conditions, and some new interpretations are developed to meet local needs. Data are assembled from other sources, such as research information, production records, and field experience of specialists. For example, data on crop yields under defined levels of management are assembled from farm records and from field or plot experiments on the same kinds of soil.

Predictions about soil behavior are based not only on soil properties but also on such variables as climate and biological activity. Soil conditions are predictable over long periods of time, but they are not predictable from year to year. For example, soil scientists can predict with a fairly high degree of accuracy that a given soil will have a high water table within certain depths in most years, but they cannot predict that a high water table will always be at a specific level in the soil on a specific date.

After soil scientists located and identified the significant natural bodies of soil in the survey area, they drew the boundaries of these bodies on aerial photographs and

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identified each as a specific map unit. Aerial photographs show trees, buildings, fields, roads, and rivers, all of which help in locating boundaries accurately.

Soil Map

The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.

Custom Soil Resource Report Soil Map



MAP LEGEND

- Area of Interest (AOI)**
 - Area of Interest (AOI)
- Soils**
 - Soil Map Unit Polygons
 - Soil Map Unit Lines
 - Soil Map Unit Points
- Special Point Features**
 - Blowout
 - Borrow Pit
 - Clay Spot
 - Closed Depression
 - Gravel Pit
 - Gravelly Spot
 - Landfill
 - Lava Flow
 - Marsh or swamp
 - Mine or Quarry
 - Miscellaneous Water
 - Perennial Water
 - Rock Outcrop
 - Saline Spot
 - Sandy Spot
 - Severely Eroded Spot
 - Sinkhole
 - Slide or Slip
 - Sodic Spot
- Water Features**
 - Streams and Canals
- Transportation**
 - Rails
 - Interstate Highways
 - US Routes
 - Major Roads
 - Local Roads
- Background**
 - Aerial Photography
- Other**
 - Spoil Area
 - Stony Spot
 - Very Stony Spot
 - Wet Spot
 - Other
 - Special Line Features

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:12,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
 Web Soil Survey URL:
 Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Warren County, Kentucky
 Survey Area Data: Version 23, Sep 10, 2023

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Mar 21, 2021—Mar 30, 2021

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
FnB	Fredonia-Vertrees-Urban land complex, 2 to 6 percent slopes, rocky	2.0	78.2%
Np	Nolin silt loam, ponded	0.5	19.3%
Uc	Urban land-Udorthefts complex, clayey substratum, hard bedrock 0-5 feet, 0 to 12 percent slopes	0.1	2.5%
Totals for Area of Interest		2.6	100.0%

Map Unit Descriptions

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate

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pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however, onsite investigation is needed to define and locate the soils and miscellaneous areas.

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

Warren County, Kentucky

FnB—Fredonia-Vertrees-Urban land complex, 2 to 6 percent slopes, rocky

Map Unit Setting

National map unit symbol: 1198
Elevation: 430 to 600 feet
Mean annual precipitation: 44 to 58 inches
Mean annual air temperature: 46 to 67 degrees F
Frost-free period: 177 to 211 days
Farmland classification: Not prime farmland

Map Unit Composition

Fredonia and similar soils: 37 percent
Vertrees and similar soils: 30 percent
Urban land: 25 percent
Minor components: 8 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Fredonia

Setting

Landform: Ridges
Landform position (two-dimensional): Summit
Landform position (three-dimensional): Interflue
Down-slope shape: Concave
Across-slope shape: Linear
Parent material: Clayey residuum weathered from limestone

Typical profile

H1 - 0 to 5 inches: silt loam
H2 - 5 to 22 inches: silty clay
H3 - 22 to 37 inches: clay
R - 37 to 47 inches: bedrock

Properties and qualities

Slope: 2 to 6 percent
Surface area covered with cobbles, stones or boulders: 3.0 percent
Depth to restrictive feature: 20 to 40 inches to lithic bedrock
Drainage class: Well drained
Runoff class: Medium
Capacity of the most limiting layer to transmit water (Ksat): Moderately low to moderately high (0.06 to 0.20 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Available water supply, 0 to 60 inches: Moderate (about 6.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Hydrologic Soil Group: C
Ecological site: F122XY005KY - Moderately Deep Well Drained Uplands
Hydric soil rating: No

Description of Vertrees

Setting

Landform: Ridges

Landform position (two-dimensional): Summit

Landform position (three-dimensional): Interfluve

Down-slope shape: Concave

Across-slope shape: Linear

Parent material: Clayey residuum weathered from limestone, sandstone, and shale

Typical profile

H1 - 0 to 6 inches: silt loam

H2 - 6 to 15 inches: silty clay loam

H3 - 15 to 80 inches: silty clay

Properties and qualities

Slope: 2 to 6 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Runoff class: Medium

Capacity of the most limiting layer to transmit water (Ksat): Moderately low to moderately high (0.06 to 0.20 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Available water supply, 0 to 60 inches: Moderate (about 8.5 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Hydrologic Soil Group: C

Ecological site: F122XY005KY - Moderately Deep Well Drained Uplands

Hydric soil rating: No

Description of Urban Land

Setting

Landform: Ridges

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 8

Hydric soil rating: No

Minor Components

Crider

Percent of map unit: 3 percent

Hydric soil rating: No

Nicholson

Percent of map unit: 2 percent

Hydric soil rating: No

Pembroke

Percent of map unit: 2 percent

Hydric soil rating: No

Rock outcrop

Percent of map unit: 1 percent
Hydric soil rating: No

Np—Nolin silt loam, ponded

Map Unit Setting

National map unit symbol: 119f
Elevation: 430 to 690 feet
Mean annual precipitation: 44 to 58 inches
Mean annual air temperature: 46 to 67 degrees F
Frost-free period: 177 to 211 days
Farmland classification: Not prime farmland

Map Unit Composition

Nolin, ponded, and similar soils: 90 percent
Minor components: 10 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Nolin, Ponded

Setting

Landform: Closed depressions, flood plains
Down-slope shape: Concave
Across-slope shape: Linear
Parent material: Mixed fine-silty alluvium

Typical profile

H1 - 0 to 9 inches: silt loam
H2 - 9 to 65 inches: silt loam

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Negligible
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high
(0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: Frequent
Available water supply, 0 to 60 inches: Very high (about 12.6 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 3w
Hydrologic Soil Group: B
Ecological site: F122XY015KY - Ponded Sites

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Hydric soil rating: No

Minor Components

Lindside

Percent of map unit: 5 percent

Landform: Depressions

Hydric soil rating: No

Newark

Percent of map unit: 5 percent

Landform: Depressions

Down-slope shape: Concave

Across-slope shape: Linear

Hydric soil rating: No

**Uc—Urban land-Udorthents complex, clayey substratum, hard bedrock
0-5 feet, 0 to 12 percent slopes**

Map Unit Setting

National map unit symbol: 119p

Elevation: 450 to 620 feet

Mean annual precipitation: 44 to 58 inches

Mean annual air temperature: 46 to 67 degrees F

Frost-free period: 177 to 211 days

Farmland classification: Not prime farmland

Map Unit Composition

Urban land: 50 percent

Udorthents, clayey substratum, hard bedrock <5 feet, and similar soils: 30 percent

Minor components: 20 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Urban Land

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 8

Hydric soil rating: No

Description of Udorthents, Clayey Substratum, Hard Bedrock <5 Feet

Setting

Parent material: Clayey residuum weathered from limestone

Typical profile

H1 - 0 to 48 inches: clay

R - 48 to 58 inches: bedrock

Properties and qualities

Slope: 0 to 12 percent

Depth to restrictive feature: 12 to 60 inches to lithic bedrock

Custom Soil Resource Report

Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately high (0.00 to 0.20 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Available water supply, 0 to 60 inches: Low (about 4.8 inches)

Minor Components

Baxter

Percent of map unit: 8 percent
Hydric soil rating: No

Vertrees

Percent of map unit: 6 percent
Hydric soil rating: No

Crider

Percent of map unit: 4 percent
Hydric soil rating: No

Caneyville

Percent of map unit: 2 percent
Hydric soil rating: No

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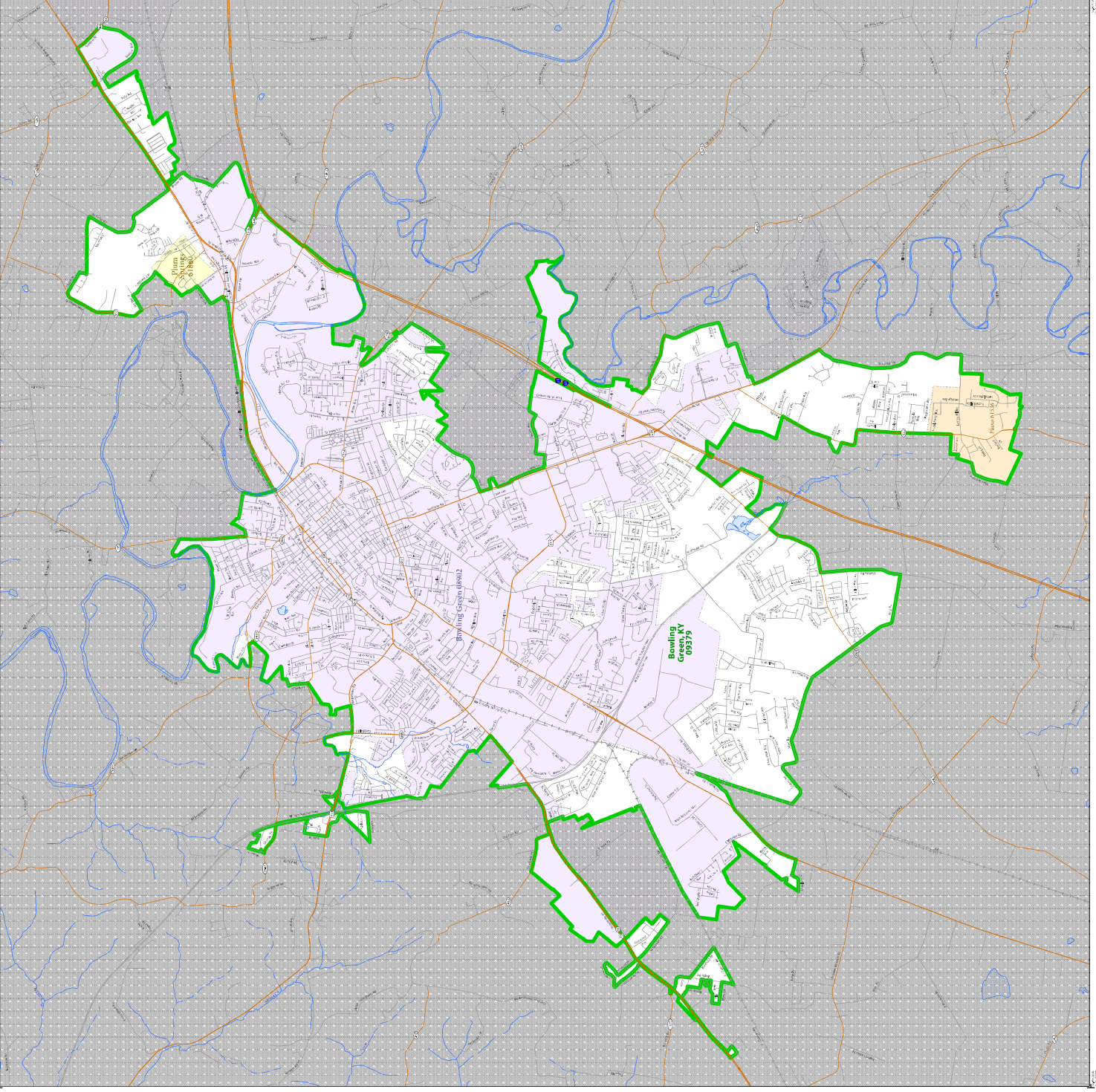
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2010 CENSUS - URBANIZED AREA REFERENCE MAP: Bowling Green, KY



LEGEND

SUBMITTER
COUNTRIES (dark blue)
CANADA (light blue)
UNION IS BOUND (grey dashed)
STATE BOUNDARIES (thick black)
COUNTY BOUNDARIES (thin black)
MAYORALTY BOUNDARIES (thin grey)

ROADS
Interstate (orange/red with dashed line)
Major Road (orange)
Minor Road (yellow)
Rural Road (light orange)
Railroad (black with cross-ticks)
Other (grey)

UTILITIES
Electric (red)
Gas (orange)
Water (blue)
Sewer (green)
Other (purple)

WATER
Major Waterway (dark blue)
Minor Waterway (light blue)
Pond/Lake (medium blue)
Creeks (lightest blue)

OTHER
Agriculture (green)
Forest (dark green)
Barren (brown)
Water (blue)
Other (grey)

MARKERS
City (red circle)
Town (yellow circle)
Village (orange circle)
Other (grey circle)

UNITS
Mile (black line with 'M')
Foot (black line with 'F')

WATER
Major Waterway (dark blue)
Minor Waterway (light blue)
Pond/Lake (medium blue)
Creeks (lightest blue)

OTHER
Agriculture (green)
Forest (dark green)
Barren (brown)
Water (blue)
Other (grey)

MARKERS
City (red circle)
Town (yellow circle)
Village (orange circle)
Other (grey circle)

UNITS
Mile (black line with 'M')
Foot (black line with 'F')

SUBJECT AREA COUNTIES ON MAP SHEET
21227 - Warren

NOTES
This map was prepared by the U.S. Census Bureau as part of the 2010 Census Urbanized Area Reference Maps project. The data shown on this map are for informational purposes only and do not represent an official Census Bureau map. For more information, visit www.census.gov.

Scale
1 inch = 1 mile
1 centimeter = 0.625 inches

PARENT SHEET 1
21227 - Warren

U.S. Census Bureau
2010 Census

U.S. Census Bureau
U.S. Census Bureau
2010 Census

2010-12-31 10:00:00

SOURCE DOCUMENTATION – STATUTORY CHECKLIST #10
NOISE CONTROL AND ABATEMENT
NOISE CALCULATION ASSESSMENT

DNL Calculator

The Day/Night Noise Level Calculator is an electronic assessment tool that calculates the Day/Night Noise Level (DNL) from roadway and railway traffic. For more information on using the DNL calculator, view the [Day/Night Noise Level Calculator Electronic Assessment Tool Overview \(/programs/environmental-review/daynight-noise-level-electronic-assessment-tool/\)](#).

Guidelines

- To display the Road and/or Rail DNL calculator(s), click on the "Add Road Source" and/or "Add Rail Source" button(s) below.
- All Road and Rail input values must be positive non-decimal numbers.
- All Road and/or Rail DNL value(s) must be calculated separately before calculating the Site DNL.
- All checkboxes that apply must be checked for vehicles and trains in the tables' headers.
- **Note #1:** Tooltips, containing field specific information, have been added in this tool and may be accessed by hovering over all the respective data fields (site identification, roadway and railway assessment, DNL calculation results, roadway and railway input variables) with the mouse.
- **Note #2:** DNL Calculator assumes roadway data is always entered.

Site ID	110 Campbell Lane, Bowling Green, Kentucky
Record Date	09/18/2024
User's Name	Kevin Chaplin

Road # 1 Name:	State Route 231
-----------------------	-----------------

Road #1

Vehicle Type	Cars <input checked="" type="checkbox"/>	Medium Trucks <input checked="" type="checkbox"/>	Heavy Trucks <input checked="" type="checkbox"/>
Effective Distance	130	130	130
Distance to Stop Sign			
Average Speed	45	45	45
Average Daily Trips (ADT)	22857	1302	155
Night Fraction of ADT	15	15	15
Road Gradient (%)			2
Vehicle DNL	63	61	60
Calculate Road #1 DNL	66	Reset	

Railroad #1 Track Identifier:	CSX Transportation
--------------------------------------	--------------------

Rail # 1

Train Type	Electric <input type="checkbox"/>	Diesel <input checked="" type="checkbox"/>
Effective Distance		689
Average Train Speed		55
Engines per Train		2
Railway cars per Train		50
Average Train Operations (ATO)		18
Night Fraction of ATO		9

Railway whistles or horns?

Yes: No:

Yes: No:

Bolted Tracks?		Yes: <input type="checkbox"/> No: <input type="checkbox"/>	Yes: <input type="checkbox"/> No: <input checked="" type="checkbox"/>
Train DNL	<input type="text" value="0"/>	<input type="text" value="51"/>	
Calculate Rail #1 DNL	<input type="text" value="51"/>	<input type="button" value="Reset"/>	
<input type="button" value="Add Road Source"/>	<input type="button" value="Add Rail Source"/>		
Airport Noise Level		<input type="text"/>	
Loud Impulse Sounds?		<input type="radio"/> Yes <input checked="" type="radio"/> No	
Combined DNL for all Road and Rail sources		<input type="text" value="67"/>	
Combined DNL including Airport		<input type="text" value="N/A"/>	
Site DNL with Loud Impulse Sound		<input type="text"/>	
<input type="button" value="Calculate"/>	<input type="button" value="Reset"/>		

Mitigation Options

If your site DNL is in Excess of 65 decibels, your options are:

- **No Action Alternative:** Cancel the project at this location
- **Other Reasonable Alternatives:** Choose an alternate site
- **Mitigation**
 - Contact your Field or Regional Environmental Officer (</programs/environmental-review/hud-environmental-staff-contacts/>)
 - Increase mitigation in the building walls (only effective if no outdoor, noise sensitive areas)
 - Reconfigure the site plan to increase the distance between the noise source and noise-sensitive uses
 - Incorporate natural or man-made barriers. See *The Noise Guidebook* (</resource/313/hud-noise-guidebook/>)
 - Construct noise barrier. See the Barrier Performance Module (</programs/environmental-review/bpm-calculator/>)

Tools and Guidance

Day/Night Noise Level Assessment Tool User Guide (</resource/3822/day-night-noise-level-assessment-tool-user-guide/>)

Day/Night Noise Level Assessment Tool Flowcharts (</resource/3823/day-night-noise-level-assessment-tool-flowcharts/>)

Railroad Distance to Subject Site

710 FEET

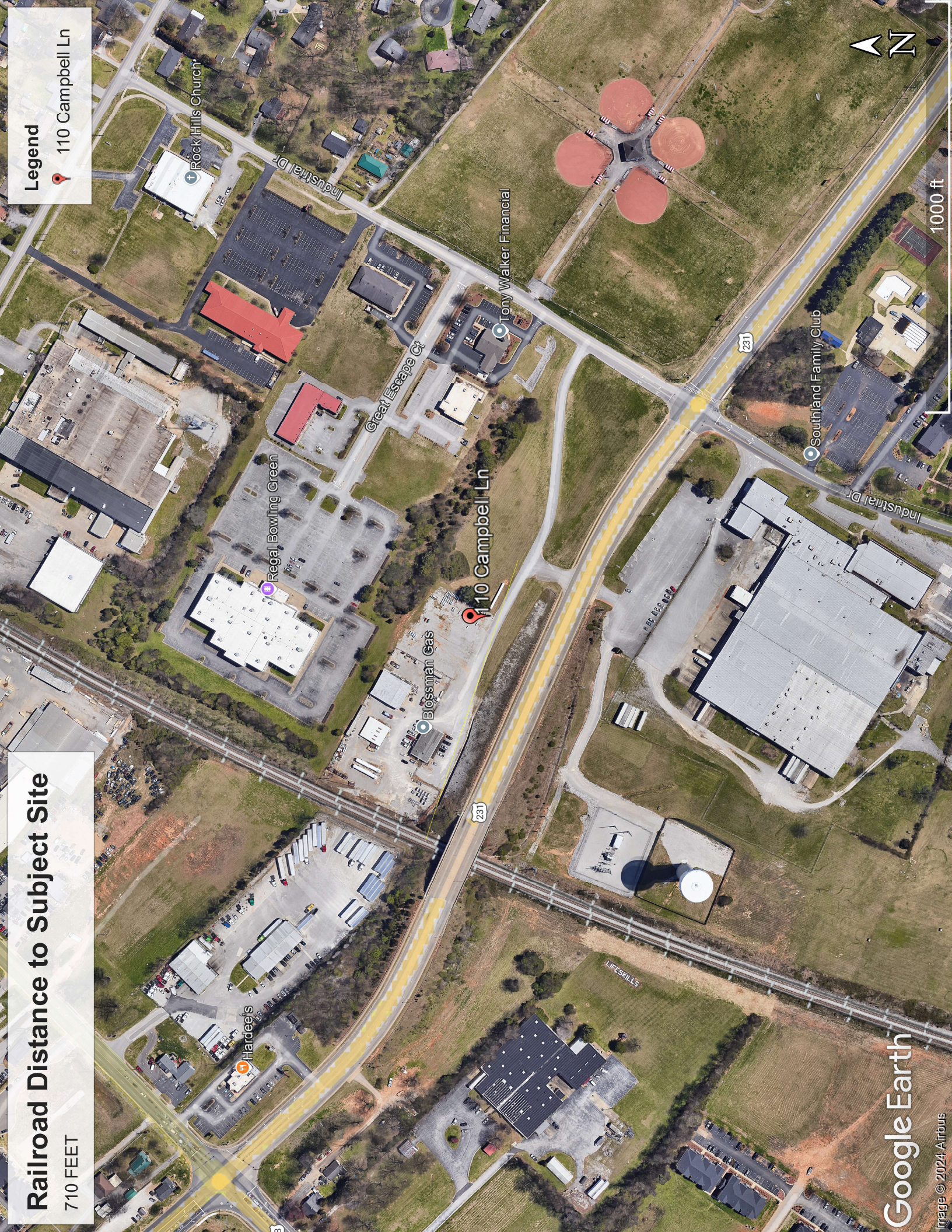
Legend

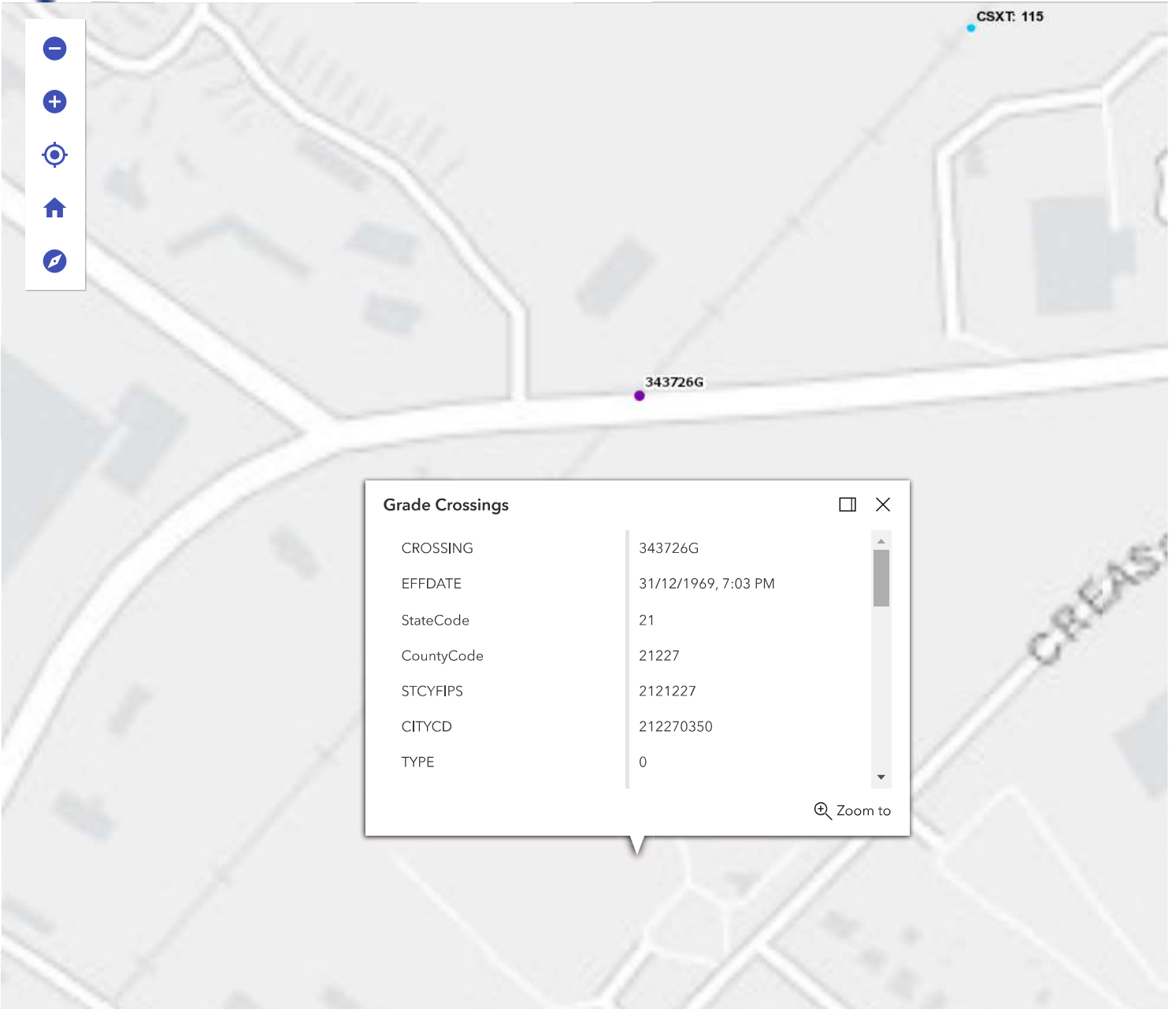


110 Campbell Ln



1000 ft





Grade Crossings	
CROSSING	343726G
EFFDATE	31/12/1969, 7:03 PM
StateCode	21
CountyCode	21227
STCYFIPS	2121227
CITYCD	212270350
TYPE	0

Zoom to

Find address or place



40 m

200 ft

U. S. DOT CROSSING INVENTORY FORM

DEPARTMENT OF TRANSPORTATION
FEDERAL RAILROAD ADMINISTRATION

OMB No. 2130-0017

Instructions for the initial reporting of the following types of new or previously unreported crossings: For public highway-rail grade crossings, complete the entire inventory Form. For private highway-rail grade crossings, complete the Header, Parts I and II, and the Submission Information section. For public pathway grade crossings (including pedestrian station grade crossings), complete the Header, Parts I and II, and the Submission Information section. For Private pathway grade crossings, complete the Header, Parts I and II, and the Submission Information section. For grade-separated highway-rail or pathway crossings (including pedestrian station crossings), complete the Header, Part I, and the Submission Information section. For changes to existing data, complete the Header, Part I Items 1-3, and the Submission Information section, in addition to the updated data fields. Note: For private crossings only, Part I Item 20 and Part III Item 2.K. are required unless otherwise noted. An asterisk * denotes an optional field.

A. Revision Date (MM/DD/YYYY) 06 / 19 / 2018	B. Reporting Agency <input checked="" type="checkbox"/> Railroad <input type="checkbox"/> Transit <input type="checkbox"/> State <input type="checkbox"/> Other	C. Reason for Update (Select only one) <input checked="" type="checkbox"/> Change in Data <input type="checkbox"/> Re-Open <input type="checkbox"/> New Crossing <input type="checkbox"/> Date Change Only <input type="checkbox"/> Closed <input type="checkbox"/> Change in Primary Operating RR <input type="checkbox"/> No Train Traffic <input type="checkbox"/> Quiet Zone Update <input type="checkbox"/> Admin. Correction	D. DOT Crossing Inventory Number 343726G
---	--	--	--

Part I: Location and Classification Information

1. Primary Operating Railroad CSX Transportation [CSX]		2. State KENTUCKY		3. County WARREN	
4. City / Municipality <input checked="" type="checkbox"/> In <input type="checkbox"/> Near BOWLING GREEN		5. Street/Road Name & Block Number US 68 (Street/Road Name) * (Block Number)		6. Highway Type & No. US68	
7. Do Other Railroads Operate a Separate Track at Crossing? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Specify RR			8. Do Other Railroads Operate Over Your Track at Crossing? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Specify RR		
9. Railroad Division or Region <input type="checkbox"/> None LOUISVILLE		10. Railroad Subdivision or District <input type="checkbox"/> None MAIN LINE		11. Branch or Line Name <input checked="" type="checkbox"/> None	
12. RR Milepost 000 0115.130 (prefix) (nnnn.nnn) (suffix)					
13. Line Segment * 913900		14. Nearest RR Timetable Station * BOWLING GREEN		15. Parent RR (if applicable) <input checked="" type="checkbox"/> N/A	
16. Crossing Owner (if applicable) <input checked="" type="checkbox"/> N/A					
17. Crossing Type <input checked="" type="checkbox"/> Public <input type="checkbox"/> Private		18. Crossing Purpose <input checked="" type="checkbox"/> Highway <input type="checkbox"/> Pathway, Ped. <input type="checkbox"/> Station, Ped.		19. Crossing Position <input type="checkbox"/> At Grade <input type="checkbox"/> RR Under <input checked="" type="checkbox"/> RR Over	
20. Public Access (if Private Crossing) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		21. Type of Train <input checked="" type="checkbox"/> Freight <input type="checkbox"/> Intercity Passenger <input type="checkbox"/> Commuter <input type="checkbox"/> Transit <input type="checkbox"/> Shared Use Transit <input type="checkbox"/> Tourist/Other		22. Average Passenger Train Count Per Day <input type="checkbox"/> Less Than One Per Day <input type="checkbox"/> Number Per Day 0	
23. Type of Land Use <input type="checkbox"/> Open Space <input type="checkbox"/> Farm <input checked="" type="checkbox"/> Residential <input type="checkbox"/> Commercial <input type="checkbox"/> Industrial <input type="checkbox"/> Institutional <input type="checkbox"/> Recreational <input type="checkbox"/> RR Yard					
24. Is there an Adjacent Crossing with a Separate Number? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Provide Crossing Number			25. Quiet Zone (FRA provided) <input checked="" type="checkbox"/> No <input type="checkbox"/> 24 Hr <input type="checkbox"/> Partial <input type="checkbox"/> Chicago Excused Date Established		
26. HSR Corridor ID <input checked="" type="checkbox"/> N/A		27. Latitude in decimal degrees (WGS84 std: nn.nnnnnnn) 36.9816810		28. Longitude in decimal degrees (WGS84 std: -nnn.nnnnnnn) -86.4644720	
29. Lat/Long Source <input checked="" type="checkbox"/> Actual <input type="checkbox"/> Estimated					
30.A. Railroad Use *			31.A. State Use *		
30.B. Railroad Use *			31.B. State Use *		
30.C. Railroad Use *			31.C. State Use *		
30.D. Railroad Use *			31.D. State Use *		
32.A. Narrative (Railroad Use) *			32.B. Narrative (State Use) *		
33. Emergency Notification Telephone No. (posted) 800-232-0144		34. Railroad Contact (Telephone No.) 904-366-3051		35. State Contact (Telephone No.) 502-564-3210	

Part II: Railroad Information

1. Estimated Number of Daily Train Movements				
1.A. Total Day Thru Trains (6 AM to 6 PM) 9	1.B. Total Night Thru Trains (6 PM to 6 AM) 9	1.C. Total Switching Trains 3	1.D. Total Transit Trains	1.E. Check if Less Than One Movement Per Day <input type="checkbox"/> How many trains per week? _____
2. Year of Train Count Data (YYYY)		3. Speed of Train at Crossing 3.A. Maximum Timetable Speed (mph) 60 3.B. Typical Speed Range Over Crossing (mph) From 55 to 60		
4. Type and Count of Tracks Main 0 Siding _____ Yard _____ Transit _____ Industry _____				
5. Train Detection (Main Track only) <input type="checkbox"/> Constant Warning Time <input type="checkbox"/> Motion Detection <input type="checkbox"/> AFO <input type="checkbox"/> PTC <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> None				
6. Is Track Signaled? <input type="checkbox"/> Yes <input type="checkbox"/> No		7.A. Event Recorder <input type="checkbox"/> Yes <input type="checkbox"/> No		7.B. Remote Health Monitoring <input type="checkbox"/> Yes <input type="checkbox"/> No

U. S. DOT CROSSING INVENTORY FORM

A. Revision Date (MM/DD/YYYY) 06/19/2018		PAGE 2		D. Crossing Inventory Number (7 char.) 343726G	
Part III: Highway or Pathway Traffic Control Device Information					
1. Are there Signs or Signals? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Types of Passive Traffic Control Devices associated with the Crossing			
2.A. Crossbuck Assemblies (count) 0		2.B. STOP Signs (R1-1) (count) 0	2.C. YIELD Signs (R1-2) (count)	2.D. Advance Warning Signs (Check all that apply; include count) <input checked="" type="checkbox"/> None <input type="checkbox"/> W10-1 _____ <input type="checkbox"/> W10-3 _____ <input type="checkbox"/> W10-11 _____ <input type="checkbox"/> W10-2 _____ <input type="checkbox"/> W10-4 _____ <input type="checkbox"/> W10-12 _____	
2.E. Low Ground Clearance Sign (W10-5) <input type="checkbox"/> Yes (count _____) <input type="checkbox"/> No		2.F. Pavement Markings <input type="checkbox"/> Stop Lines <input type="checkbox"/> Dynamic Envelope <input type="checkbox"/> RR Xing Symbols <input type="checkbox"/> None		2.G. Channelization Devices/Medians <input type="checkbox"/> All Approaches <input type="checkbox"/> Median <input type="checkbox"/> One Approach <input type="checkbox"/> None	2.H. EXEMPT Sign (R15-3) <input type="checkbox"/> Yes <input type="checkbox"/> No
2.I. ENS Sign (I-13) Displayed <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2.J. Other MUTCD Signs <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Specify Type _____ Count _____ Specify Type _____ Count _____ Specify Type _____ Count _____		2.K. Private Crossing Signs (if private) <input type="checkbox"/> Yes <input type="checkbox"/> No	2.L. LED Enhanced Signs (List types)
3. Types of Train Activated Warning Devices at the Grade Crossing (specify count of each device for all that apply)					
3.A. Gate Arms (count) Roadway 0 Pedestrian _____	3.B. Gate Configuration <input type="checkbox"/> 2 Quad <input type="checkbox"/> Full (Barrier) Resistance <input type="checkbox"/> 3 Quad <input type="checkbox"/> Median Gates	3.C. Cantilevered (or Bridged) Flashing Light Structures (count) Over Traffic Lane 0 <input type="checkbox"/> Incandescent Not Over Traffic Lane 0 <input type="checkbox"/> LED		3.D. Mast Mounted Flashing Lights (count of masts) 0 <input type="checkbox"/> Incandescent <input type="checkbox"/> LED <input type="checkbox"/> Back Lights Included <input type="checkbox"/> Side Lights Included	3.E. Total Count of Flashing Light Pairs 0
3.F. Installation Date of Current Active Warning Devices: (MM/YYYY) ____/____/____ <input type="checkbox"/> Not Required		3.G. Wayside Horn <input type="checkbox"/> Yes Installed on (MM/YYYY) ____/____/____ <input type="checkbox"/> No		3.H. Highway Traffic Signals Controlling Crossing <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	3.I. Bells (count) 0
3.J. Non-Train Active Warning <input type="checkbox"/> Flagging/Flagman <input type="checkbox"/> Manually Operated Signals <input type="checkbox"/> Watchman <input type="checkbox"/> Floodlighting <input type="checkbox"/> None				3.K. Other Flashing Lights or Warning Devices Count 0 Specify type _____	
4.A. Does nearby Hwy Intersection have Traffic Signals? <input type="checkbox"/> Yes <input type="checkbox"/> No	4.B. Hwy Traffic Signal Interconnection <input type="checkbox"/> Not Interconnected <input type="checkbox"/> For Traffic Signals <input type="checkbox"/> For Warning Signs	4.C. Hwy Traffic Signal Preemption <input type="checkbox"/> Simultaneous <input type="checkbox"/> Advance	5. Highway Traffic Pre-Signals <input type="checkbox"/> Yes <input type="checkbox"/> No Storage Distance * _____ Stop Line Distance * _____	6. Highway Monitoring Devices (Check all that apply) <input type="checkbox"/> Yes - Photo/Video Recording <input type="checkbox"/> Yes - Vehicle Presence Detection <input type="checkbox"/> None	
Part IV: Physical Characteristics					
1. Traffic Lanes Crossing Railroad Number of Lanes _____		<input type="checkbox"/> One-way Traffic <input type="checkbox"/> Two-way Traffic <input type="checkbox"/> Divided Traffic	2. Is Roadway/Pathway Paved? <input type="checkbox"/> Yes <input type="checkbox"/> No	3. Does Track Run Down a Street? <input type="checkbox"/> Yes <input type="checkbox"/> No	4. Is Crossing Illuminated? (Street lights within approx. 50 feet from nearest rail) <input type="checkbox"/> Yes <input type="checkbox"/> No
5. Crossing Surface (on Main Track, multiple types allowed) Installation Date * (MM/YYYY) ____/____/____ Width * _____ Length * _____ <input type="checkbox"/> 1 Timber <input type="checkbox"/> 2 Asphalt <input type="checkbox"/> 3 Asphalt and Timber <input type="checkbox"/> 4 Concrete <input type="checkbox"/> 5 Concrete and Rubber <input type="checkbox"/> 6 Rubber <input type="checkbox"/> 7 Metal <input type="checkbox"/> 8 Unconsolidated <input type="checkbox"/> 9 Composite <input type="checkbox"/> 10 Other (specify) _____					
6. Intersecting Roadway within 500 feet? <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes, Approximate Distance (feet) _____			7. Smallest Crossing Angle <input type="checkbox"/> 0° - 29° <input type="checkbox"/> 30° - 59° <input type="checkbox"/> 60° - 90°		8. Is Commercial Power Available? * <input type="checkbox"/> Yes <input type="checkbox"/> No
Part V: Public Highway Information					
1. Highway System <input type="checkbox"/> (01) Interstate Highway System <input type="checkbox"/> (02) Other Nat Hwy System (NHS) <input type="checkbox"/> (03) Federal AID, Not NHS <input type="checkbox"/> (08) Non-Federal Aid		2. Functional Classification of Road at Crossing <input type="checkbox"/> (0) Rural <input type="checkbox"/> (1) Urban <input type="checkbox"/> (1) Interstate <input type="checkbox"/> (5) Major Collector <input type="checkbox"/> (2) Other Freeways and Expressways <input type="checkbox"/> (3) Other Principal Arterial <input type="checkbox"/> (6) Minor Collector <input type="checkbox"/> (4) Minor Arterial <input type="checkbox"/> (7) Local		3. Is Crossing on State Highway System? <input type="checkbox"/> Yes <input type="checkbox"/> No	4. Highway Speed Limit _____ MPH <input type="checkbox"/> Posted <input type="checkbox"/> Statutory
5. Linear Referencing System (LRS Route ID) *					
6. LRS Milepost *					
7. Annual Average Daily Traffic (AADT) Year 1970 AADT _____		8. Estimated Percent Trucks _____ %	9. Regularly Used by School Buses? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Average Number per Day 0		10. Emergency Services Route <input type="checkbox"/> Yes <input type="checkbox"/> No
Submission Information - This information is used for administrative purposes and is not available on the public website.					
Submitted by _____ Organization _____ Phone _____ Date _____					
Public reporting burden for this information collection is estimated to average 30 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed and completing and reviewing the collection of information. According to the Paperwork Reduction Act of 1995, a federal agency may not conduct or sponsor, and a person is not required to, nor shall a person be subject to a penalty for failure to comply with, a collection of information unless it displays a currently valid OMB control number. The valid OMB control number for information collection is 2130-0017. Send comments regarding this burden estimate or any other aspect of this collection, including for reducing this burden to: Information Collection Officer, Federal Railroad Administration, 1200 New Jersey Ave. SE, MS-25 Washington, DC 20590.					



Traffic Counts

110 Campbell Drive, Bowlin X

Show search results for 110 Ca...



Esri Community Maps Contributors, City of I



**SOURCE DOCUMENTATION – STATUTORY CHECKLIST #11
EXPOSIVE AND FLAMMABLE OPERATIONS**

Acceptable Separation Distance (ASD) Electronic Assessment Tool

The Environmental Planning Division (EPD) has developed an electronic-based assessment tool that calculates the Acceptable Separation Distance (ASD) from stationary hazards. The ASD is the distance from above ground stationary containerized hazards of an explosive or fire prone nature, to where a HUD assisted project can be located. The ASD is consistent with the Department's standards of blast overpressure (0.5 psi-buildings) and thermal radiation (450 BTU/ft² - hr - people and 10,000 BTU/ft² - hr - buildings). Calculation of the ASD is the first step to assess site suitability for proposed HUD-assisted projects near stationary hazards. Additional guidance on ASDs is available in the Department's guidebook "Siting of HUD- Assisted Projects Near Hazardous Facilities" and the regulation 24 CFR Part 51, Subpart C, Siting of HUD-Assisted Projects Near Hazardous Operations Handling Conventional Fuels or Chemicals of an Explosive or Flammable Nature.

Note: Tool tips, containing field specific information, have been added in this tool and may be accessed by hovering over the ASD result fields with the mouse.

Acceptable Separation Distance Assessment Tool

Is the container above ground?	Yes: <input checked="" type="checkbox"/> No: <input type="checkbox"/>
Is the container under pressure?	Yes: <input checked="" type="checkbox"/> No: <input type="checkbox"/>
Does the container hold a cryogenic liquified gas?	Yes: <input type="checkbox"/> No: <input checked="" type="checkbox"/>
Is the container diked?	Yes: <input type="checkbox"/> No: <input type="checkbox"/>
What is the volume (gal) of the container?	<input type="text" value="30000"/>
What is the Diked Area Length (ft)?	<input type="text"/>
What is the Diked Area Width (ft)?	<input type="text"/>
<input type="button" value="Calculate Acceptable Separation Distance"/>	
Diked Area (sqft)	<input type="text"/>
ASD for Blast Over Pressure (ASDBOP)	<input type="text" value="674.27"/>
ASD for Thermal Radiation for People (ASDPPU)	<input type="text" value="1140.69"/>
ASD for Thermal Radiation for Buildings (ASDBPU)	<input type="text" value="242.26"/>
ASD for Thermal Radiation for People (ASDPNPD)	<input type="text"/>
ASD for Thermal Radiation for Buildings (ASDBNPD)	<input type="text"/>

For mitigation options, please click on the following link: [Mitigation Options \(/resource/3846/acceptable-separation-distance-asd-hazard-mitigation-options/\)](/resource/3846/acceptable-separation-distance-asd-hazard-mitigation-options/)

Providing Feedback & Corrections

After using the ASD Assessment Tool following the directions in this User Guide, users are encouraged to provide feedback on how the ASD Assessment Tool may be improved. Users are also encouraged to send comments or corrections for the improvement of the tool.

Please send comments or other input using the [Contact Us \(https://www.hudexchange.info/contact-us/\)](https://www.hudexchange.info/contact-us/) form.

Related Information

- [ASD User Guide \(/resource/3839/acceptable-separation-distance-asd-assessment-tool-user-guide/\)](/resource/3839/acceptable-separation-distance-asd-assessment-tool-user-guide/)
- [ASD Flow Chart \(/resource/3840/acceptable-separation-distance-asd-flowchart/\)](/resource/3840/acceptable-separation-distance-asd-flowchart/)

ACCEPTABLE SEPARATION DISTANCE MEASUREMENT

CHECKLIST ITEM #11 PART 58 ENVIRONMENTAL REVIEW CHECKLIST
110 CAMPBELL LANE, DOWLING GREEN, KY

Legend
110 Campbell Ln

Ruler

Line Path Polygon Circle 3D path 3D polygon

Measure the distance between two points on the ground

Map Length:	684.06	Feet
Ground Length:	684.08	
Heading:	301.77	degrees

Mouse Navigation

Google Earth

Image © 2024 Airbus



200 ft

Hazards

Options

If the **Acceptable Separation Distance (ASD)** cannot be met your options are:

No action alternative

- **Cancel the project at this location - [ASD Calculator](#)**

Other reasonable alternatives

- **Choose an alternate site - [ASD Calculator](#)**

Mitigation

- **Contact your Field or Regional Environmental Officer**
<http://www.hud.gov/offices/cpd/environment/contact/>.
- **Incorporate natural or existing man-made barriers.**
See *figures of Barrier Implementation Scenarios* .
[Scenario 1](#) | [Scenario 2](#)
- **Have the storage containers (tank) buried – See the**
[Acceptable Separation Distance Guidebook](#)
- **Reconfigure the site plan - To increase the distance between the hazard and the project.** See *figure of Barrier Implementation Scenarios* - [Scenario 3](#)
- **Modify the building design - To compensate for the ASD – See the** [Acceptable Separation Distance Guidebook](#)
- **Construct a Barrier for blast overpressure and thermal radiation – See the** *Barrier Design Guidance*. Request this document by submitting your contact information to: ATEC@hud.gov

SOURCE DOCUMENTATION – STATUTORY CHECKLIST #12
AIRPORT HAZARDS

Distance to Airport

110 Campbell Lane
Bowling Green, KY

Legend

 110 Campbell Ln



**SOURCE DOCUMENTATION – STATUTORY CHECKLIST #13
CONTAMINATION & TOXIC SUBSTANCES
(PHASE I ENVIRONMENTAL SITE ASSESSMENT)**



ALL4

PHASE I ENVIRONMENTAL SITE ASSESSMENT

PROPERTY II LOT NO. 1 OF 110 CAMPBELL LANE
BOWLING GREEN, KY

AUGUST 2024

SUBMITTED BY:



ALL4, LLC

1405 Mercer Rd
Lexington, KY 40511

SUBMITTED TO:



A U A S S O C I A T E S

AU Associates, Inc.

159 Old Georgetown Street
Lexington, KY 40508

PHASE I ENVIRONMENTAL SITE ASSESSMENT
Property II Lot No. 1 of 110 Campbell Lane
Bowling Green, Kentucky

Project Number 001395-0007.00

PREPARED FOR:
AU Associates, Inc.

PREPARED BY:



Jason Moore

Jason Moore
Consulting Engineer

I declare that to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in 40 CFR 312.10. I have the specific qualifications based on education, training, and experience to assess a property of the nature, history and setting of the subject property. I have developed and performed all the appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Daniel Hardin

Daniel Hardin
Environmental Professional

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1. EXECUTIVE SUMMARY

ALL4 LLC (ALL4) was retained by AU Associates, Inc. (AU) to perform a Phase I Environmental Site Assessment (ESA) of the eastern portion (Property II Lot No. 2) of the property located at 110 Campbell Lane, Bowling Green, KY (subject property). The subject property is located on Campbell Lane, bound by Industrial Drive, railroad tracks, Miller's Bottled Gas, Inc., and a wooded area in Bowling Green, Kentucky.

The ESA was completed in general conformance with the scope and limitations of American Society for Testing and Materials (ASTM) Practice E1527-21. Any exceptions to, or deletions from, this practice are described in Sections 2 and 8 of this report.

This assessment has revealed no evidence of Recognized Environmental Conditions (REC) associated with the subject property.

This Executive Summary does not contain the details of the methods used, limitations of available information, or information obtained. Therefore, the user must read this report in its entirety for a comprehensive understanding of the potential environmental risks that may or may not be present on this property.



2. INTRODUCTION

2.1 PURPOSE

The assessment was conducted using professional judgment according to ASTM Standard E1527-21, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. The purpose of the assessment was to identify REC, defined as “ 1) the presence of hazardous substances or petroleum products in, on, or at the property due to a release to the environment; 2) the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or 3) the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment. A de minimis condition is not a REC.” The assessment was conducted within the limitations of the scope and process described in Section 2.0 of this report. In addition, ALL4 evaluated the property to assess whether Historical Recognized Environmental Concerns (HREC) or Controlled Recognized Environmental Conditions (CREC) were associated with the site. ALL4 was authorized by Mr. Brandon Shetler of AU to perform the assessment.

2.2 SCOPE

The Scope of Work is included in Appendix A of this report. This investigation included visual observations of the property, review of information provided by AU, interviews with persons familiar with the subject property who are listed in this report, and a review of readily accessible and publicly available records, including historical information. This report includes a discussion of the information gathered.

ALL4 did not collect any samples of soil, water, or air for laboratory analysis or for any other purpose.

The scope of work did not include evaluation of the property for:

- Jurisdictional wetlands or floodplains;
- Radon, lead paint, asbestos, Per- and polyfluoroalkyl substances (PFAS), or drinking water quality;
- Health and safety concerns; or
- Environmental compliance.



2.3 SIGNIFICANT ASSUMPTIONS

ALL4 has made the following assumptions in the preparation of this report:

- Information provided by the subject property owner, information gathered during the site visit and in interviews is true and accurate to the best of the individual's knowledge.
- Information provided in a User Questionnaire, concerning matters such as unusually low appraisal or sale price, environmental liens, current or prior sources of contamination or remediation activities, is true and correct to the best of the respondent's knowledge.
- The ESA is being conducted to provide the User with information about material environmental conditions, which may impact the value of the property or the operation of businesses on the property.

2.4 LIMITATIONS AND EXCEPTIONS

ALL4 used professional judgment to make an appropriate inquiry into the current and previous use of the property to obtain commonly known, or reasonably ascertainable, information with respect to REC on the property. The conclusions in this report are based on observations of existing site conditions on the date of the site visit and interpretations of available site history including site use information. Therefore, this report is subject to the limitations of historical documentation, availability and accuracy of pertinent records, and the accuracy and personal recollection of those persons contacted.

No site excavation, borings or other subsurface investigations or sampling of water, soil or air was conducted. No assessment of the regulatory compliance of the site or facility has been made. The investigation is considered to be appropriate but is not exhaustive. Therefore, this document should not be construed as a guarantee or assurance that undiscovered environmental problems do not exist. Information sought and not obtained or incomplete information may represent a data gap which could influence the ability of the reviewer to reach a conclusion about the property. These gaps, if any, are described and discussed in Section 8.0 of this report.

ALL4's work is intended to conform to generally accepted practices of other consultants undertaking similar studies at the same time and in the same geographic area. ALL4 has observed a degree of care and skill generally exercised by the technical community under similar circumstances and conditions. Our



findings and conclusions must be considered probabilities based upon professional judgment on the significance of the limited data gathered during the ESA. This assessment was conducted based upon the scope of work and level of effort desired by the client and with resources adequate only for that scope of work. Our findings have been developed according to generally accepted standards of engineering, geology and hydrogeology practices in the State of Kentucky, available information, and our professional judgment. No other warranty is expressed or implied.

This report is intended as a limited assessment of the environmental conditions associated with the subject property. ALL4 does not warrant the work of regulatory agencies or other third parties supplying information that may have been used in the preparation of this report. The assessment relied primarily upon readily available and easily accessible historic information, visual observations, and verbal or written reports of others. The limitations and data gaps, if any, of this assessment should be recognized in drawing any conclusions regarding environmental issues associated with this property. Those limitations are described in this report.

2.5 RELIANCE AND UNDERSTANDING

The findings in this report are relevant to the date of the site visit and should not be relied upon to represent conditions at later dates. As outlined in 40 CFR 312.20 (c) (3), portions of this report must be updated within a 180-day period. The interviews, regulatory review, search for environmental liens, visual inspection of the property, and declaration by the environmental professional must be updated within 180 days from the date those activities were completed. While the information contained in this report can be used as a reference source at any time in the future, in no event may the report be relied upon after one year, regardless of required updates to the report.

This report has been prepared for AU. No other individual or entity shall have the right to rely upon this document or any part thereof, without ALL4's expressed written consent.



3. GENERAL SITE INFORMATION

3.1 SITE LOCATION AND DESCRIPTION

The subject property is located in Bowling Green, Kentucky on Campbell Lane, bound by Industrial Drive, Tony Walker Financial, a wooded area, and Miller's Bottled Gas, Inc. (See Figures 1 and 3). The subject property consists of approximately 2.41 acres of vacant land proposed to be developed for residential housing. A paved drive leading to Miller's Bottled Gas, Inc. from Industrial Drive bisects the subject property.

The subject property is relatively flat and surface water flow is to north towards the wooded area and to the northeast towards a gravel-lined stormwater ditch which conveys water into the wooded area. There are two culverts under the paved drive for stormwater conveyance on the subject property and no outdoor sewer drains, or other drains, were observed (see Figure 2). Photographs of the property have been provided in Appendix B.

3.2 CURRENT USE OF SITE

The subject property is currently vacant land and is bisected by a paved drive from Industrial Drive to Miller's Bottled Gas, Inc.

3.3 HISTORIC USE OF THE SITE

Information was gathered from the interview with Mr. Ron Cummings, Century 21 Premier Realty Partners, representing the current owner of the subject property, as well as a review of historic aerial photographs, topographic maps, and property value assessor (PVA) reports to develop the historic use of the subject property. According to the review of information, the subject property has been farmland or vacant lot since at least 1937 to present. The paved drive from Industrial drive to Miller's Bottled Gas, Inc. was constructed on the subject property as first seen on the 2003 aerial photograph. The subject property has remained relatively unchanged since at least 2003.



3.4 USES OF ADJACENT AND NEARBY PROPERTY

The subject property is in a mixed industrial, commercial, and residential area of Bowling Green, Kentucky. Based on information obtained during the site visit, properties adjacent to the site are as follows:

North: Commercial with residential properties beyond;
East: Recreational park with commercial properties beyond;
South: Industrial and commercial properties; and
West: Industrial and commercial properties.

The subject property is relatively flat and surface water flow is to north towards the wooded area and to the northeast towards a gravel-lined stormwater ditch which conveys water into the wooded area. ALL4's observations did not reveal any indication of the inappropriate use, storage, or disposal of hazardous materials on any adjacent property.



4. USER RESPONSIBILITIES

4.1 PROPERTY TITLE SEARCH

A property title search was not provided for the subject property.

4.2 USER KNOWLEDGE AND PROPERTY LIMITATIONS

A User Questionnaire was provided to Vinny Paiva, representing AU pursuant to the requirements of 40 CFR 312.22 and the ASTM E1527-21 Standard, to determine whether he had any knowledge of any of the following items:

- Title and judicial records relating to environmental liens and activity and use limitations (AUL), including, without limitation,
 - Deed restrictions controlling the use of the property due to the presence of hazardous substances or petroleum products.
 - Pending, threatened or past litigation. or administrative proceedings regarding hazardous substances or petroleum products.
 - Notices or actions from any governmental entity regarding any possible violation or liability relating to hazardous substances or petroleum products.
 - Activity and land use limitations that are in place or that have been filed or recorded in a registry.
- Purchase price that is significantly less than comparable properties or the relationship of the purchase price to the fair market value of the property if it were not contaminated.
- Specialized knowledge or experience of the person seeking to qualify for the limited liability protection.
- Commonly known or reasonably ascertainable information about the property.
- The degree of obviousness of the presence or likely presence of contamination at the property, and the ability to detect the contamination.

Mr. Paiva stated that he acknowledges that the subject property is currently a vacant lot. Mr. Paiva was not aware of:



- Spills or other chemical releases that have taken place at the property.
- Any environmental cleanups that have taken place at the property.
- Any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any hazardous substances or petroleum products on the property.
- Any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products.
- Any prior environmental studies or reports regarding the property.

A copy of the questionnaire is provided in Appendix A.



5. RECORDS REVIEW

The following readily available federal, state, and local records were reviewed to identify REC associated with the site and to develop a historical perspective of its prior use.

5.1 HISTORIC INFORMATION

5.1.1 AERIAL PHOTOGRAPHS

ALL4 reviewed 20 readily available aerial photographs of the subject property taken in 1937, 1950, 1958, 1964, 1967, 1972, 1980, 1987, 1993, 2003, 2004, 2006, 2008, 2010, 2012, 2014, 2016, 2018, 2020, and 2021. Each of the aerial photographs were obtained from ERIS (Figures 4 through 23). Aerial photographs are generally flown at medium to high altitudes and specific site details are not always discernible. However, aerial photographs are generally useful in comparing historical and current conditions.

1937 and 1950 Aerial Photographs The subject property is undeveloped land with no structures. The subject property is located in a portion of a larger tract of undeveloped land. A railroad running southwest to northeast is located west of the subject property. Russellville Road also runs parallel to the railroad west of the subject property and includes a few residential structures.

1958, 1964, and 1967 Aerial Photographs The subject property remains unchanged. Commercial and residential structures have been constructed on the properties north of the subject property. Industrial Drive was constructed along the eastern boundary of the subject property as first seen on the 1964 aerial photograph. A commercial structure has been constructed on the property adjacent to the subject property to the south as first seen on the 1964 aerial photograph. An industrial facility has been constructed southeast of the subject property as first seen on the 1967 aerial photograph.

1972, 1980, 1987, and 1993 Aerial Photographs The subject property remains unchanged. The property adjacent to the subject property on the western side has been developed and three structures have been constructed as first seen on the 1972 aerial photograph. Campbell Lane has been constructed along the southern border of the subject property as first identified on the 1972 aerial photograph.



2003, 2004, 2006, 2008, 2010, and 2012 Aerial Photographs A paved drive leading from Industrial Lane to Miller's Bottled Gas, Inc. has been constructed on the subject property as first seen on the 2003 aerial photograph. The land adjacent to the subject property to the north has been developed as commercial, and the land adjacent to the subject property to the east has been developed into a recreational park as first identified on the 2003 aerial photograph.

2014, 2016, 2018, 2020, and 2021 Aerial Photographs The subject property remains relatively unchanged. Surrounding properties continue to be developed to the north, south, east, and west as industrial, commercial, and residential.

5.1.2 TOPOGRAPHIC MAPS

ALL4 reviewed 10 readily available topographic maps of the site from 1921, 1923, 1954, 1959, 1968, 1982, 1996, 2013, 2016, and 2019. Each of the topographic maps were obtained from ERIS (see Figures 24 through 33).

1921 and 1923 Topographic maps The subject property is situated between Russellville Road on the western side and Nashville Road on the eastern side, and directly adjacent to the Nashville railroad. Sparse woodland vegetation and water features were also identified in the larger surrounding property areas. Jennings Creek is located northwest of the subject property.

1954 and 1959 Topographic Maps No structures are identified on the subject property. The land northeast of the subject property has been developed as first identified on the 1959 topographic map.

1968, 1982, and 1996 Topographic Maps The subject property remains relatively unchanged. Campbell Lane has been constructed along the southern border of the subject property, and Industrial Drive has been constructed along the eastern border of the subject property as first seen on the 1968 topographic map. The area surrounding the subject property continues to be developed.

2013, 2016 and 2019 Topographic Maps These maps have little information aside from roads and railroads. Structures are not identified on these topographic maps.

5.1.3 CITY DIRECTORIES

ALL4 obtained City Directories information from ERIS on July 19, 2024. The information is contained in Appendix C. City Directories were provided for Campbell Lane and of Industrial Drive for 1927, 1934, 1941, 1947, 1949, 1954, 1959, 1964, 1967, 1972, 1977, 1982, 1987, 1992, 1997-98, 2000, 2002, 2003, 2008, 2011, 2012, 2016, 2020, and 2022. The subject property was listed on the 1972, 1977, 1982, 1987, 1992, 1997-98, 2000, 2002, 2003, 2008, 2016, 2020, and 2022 City Directories as Miller’s Bottled Gas, Inc.

5.1.4 FIRE INSURANCE MAPS

ALL4 obtained Fire Insurance Map information from ERIS on July 19, 2024. This information is contained in Appendix C. There were no Fire Insurance Maps provided for the subject property.

5.2 FEDERAL AGENCIES DATABASE REVIEW

ALL4 obtained federal environmental database information from ERIS on July 19, 2024. This information is contained in Appendix C. Standard ASTM database information available from ERIS is typically updated on approximately 90-day intervals. A summary of the search of the ASTM standard resource databases within the ASTM specified distances is provided in Table 5–1 below. Also shown are the numbers of occurrences on each database.

**Table 5–1
Federal Agencies Database Summary**

Source	Description	Distance	Sites
NPL	Federal National Priorities List	within 1 mile	0
DELETED NPL	Deleted from the Federal National Priorities List	within 0.5 mile	0
SEMS [Formerly CERCLIS]	Sites which have been or are currently under review for releases of hazardous substances on the Comprehensive Environmental Response, Compensation, and liability Information System (CERCLIS)	within 0.5 mile	2
SEMSARCH	CERCLIS archived sites with no further action required	within 0.5 mile	1



**Table 5–1
Federal Agencies Database Summary**

Source	Description	Distance	Sites
RCRA CORRACTS	Resource Conservation and Recovery Act (RCRA) facilities with reported violations and subject to corrective actions	within 1 mile	1
RCRA TSD	Hazardous waste treatment, storage, or disposal sites	within 0.5 mile	0
RCRA GEN	Hazardous waste generators, large or small	property or adjoining property	0
RCRA NON-GEN	Hazardous waste non-generators, large or small	property or adjoining property	0
FED INST/FED ENG	Federal Institutional or Engineering Controls	property only	0
ERNS	Emergency Response Notification System, list of petroleum or hazardous substance spills	property only	0
FED BROWNFIELDS	Federal Brownfields, voluntary cleanup sites	within 0.5 mile	0
HMIRS	Hazardous Materials Incident Reporting System	within 1 mile	0

Review of the Environmental Database Report indicates that there are no NPL, DELETED NPL, RCRA TSD, FED INST/FED ENG, ERNS, FED BROWNFIELDS, or HMIRS sites within the standard search distances specified by ASTM 1527-21. One RCRA GEN site and three RCRA NON-GEN sites were identified on the Environmental Database Report but were determined to be outside of the standard search distances specified by ASTM 1527-21. The report did identify SEMS, SEMSARCH and RCRA CORRACTS sites within the standard search distances specified by ASTM 1527-21. One of the SEMS sites and the RCRA CORRACTS site are discussed in Section 5.3 of this report. The other SEMS site and the SEMSARCH site are discussed below.

Detrex Chemical Industries, Inc. – 121 Emmett Avenue (formerly East Emmet Drive)

This site was listed on the SEMS and SEMSARCH databases. This site is located at 121 Emmett Avenue, approximately 1,340 feet north of the subject property. This site is not hydraulically upgradient of the subject property, therefore, it is unlikely that any activities at this site have impacted the subject property.

5.3 STATE ENVIRONMENTAL DATABASES

ALL4 obtained state and local environmental database information from ERIS on July 19, 2024. This information is contained in Appendix C. Standard ASTM database information available from ERIS is typically updated on approximately 90-day intervals. A summary of the search of the ASTM standard resource databases within the ASTM specified distances is provided in Table 5–2 below.

Table 5–2
State Environmental Databases Summary

Source	Description	Distance	Sites
SPILLS	State Leads Priority List	within 1 mile	5
SHWS [State CERCLIS]	State equivalent CERCLIS	within 0.5 mile	5
SWF/LF	Solid Waste Facilities/Landfills	within 0.5 mile	0
UST/AST	State UST and AST Facilities	property or adjoining property	0
LUST/LST	Leaking Underground Tanks	within 0.5 mile	0
INST/ENG	State Institutional or Engineering Controls	property only	0
BF/VCP	State Brownfields, Voluntary Cleanup Site or State Contaminated Sites List	within 0.5 mile	0

Review of the Environmental Database Report indicates that there are no SWF/LF, LUST/LST, or BF/VCP sites within the standard search distance specified by ASTM 1527-21. Four SHWS sites, three UST/AST sites, and one INST/ENG site were identified on the Environmental Database Report but were determined to be outside of the standard search distance specified by ASTM 1527-21. This report identified SPILLS and SHWS sites within the standard areas of the subject property. Three of the SPILLS sites are discussed in Section 5.3.1 of this report, and the two remaining SPILLS sites are discussed in section 5.5 of this report. The SHWS sites are discussed below.

Parts Cleaning Technologies – 307 Emmett Avenue

This site was listed on the SHWS database and is located at 307 Emmett Avenue, approximately 765 feet north of the subject property. This site is not hydraulically upgradient of the subject property; therefore, it is unlikely that any activities at this site have impacted the subject property.



Desa Heating LLC – 2701 Industrial Drive

This site was listed on the SHWS database and is located at 2701 Industrial Drive, approximately 1,315 feet southwest of the subject property. This site is not hydraulically upgradient of the subject property; therefore, it is unlikely that any activities at this site have impacted the subject property.

Sun Products, Eaton Corp. – 2901 Industrial Drive

This site was listed on the SEMS, RCRA CORRACTS, and SHWS database and is located at 2901 Industrial Drive, approximately 1,570 feet south of the subject property. This site is not hydraulically upgradient of the subject property; therefore, it is unlikely that any activities at this site have impacted the subject property.

Oulay Property – 562 Lost Circle Apt B

This site was listed on the SHWS database and is located at 562 Lost Circle Apt B, approximately 2,500 feet south of the subject property. This site is not hydraulically upgradient of the subject property; therefore, it is unlikely that any activities at this site have impacted the subject property.

5.3.1 SPILLS Sites

A summary of the SPILLS sites and their status is provided in Table 5-3 below.

**Table 5-3
SPILLS Summary**

Source	Company/Site Name	Address	Material/Quantity	Status
SPILLS	Miller’s Bottled Gas	110 Campbell Lane	Odor complaint in the vicinity of Miller’s Bottled Gas	Closed – No Action Necessary
SPILLS	Miller’s Bottled Gas	110 Campbell Lane	Propane	Closed – No Action Necessary
SPILLS	Bowling Green Municipal Utilities	2435 Industrial Drive	Drinking Water from water main break	Closed – No Action Necessary
SPILLS	Minton Mobile Home Park	2340 Russellville Road	Asbestos from demolition	Initiated



**Table 5-3
SPILLS Summary**

Source	Company/Site Name	Address	Material/Quantity	Status
SPILLS	Mirsad & Fahrudin Alic	2340 Russellville Road	Asbestos from demolition	Initiated

Miller’s Bottled Gas – 110 Campbell Lane

SPILLS for this site are discussed in Section 5.5 of this report.

Bowling Green Municipal Utilities – 2435 Industrial Drive

This site was listed on the SPILLS database and is located at 2435 Industrial Drive, approximately 427 feet east-northeast of the subject property. This site is hydraulically upgradient of the subject property; however, the reported spill was a water main break that contained clean drinking water. Therefore, it is unlikely that any activities at this site have impacted the subject property.

Minton Mobile Home Park, Mirsad & Fahrudin Alic – 2340 Russellville Road

This site was listed on the SPILLS database and is located at 2340 Russellville Road, approximately 526 feet northwest of the subject property. Demolition of mobile homes containing asbestos materials began in 2016. The Environmental Database Report indicated any asbestos-containing materials will be kept wet during removal and loaded into poly lined dumpsters. Therefore, it is unlikely that any activities at this site have impacted the subject property.

5.3.2 Unmapped/Non-Geocoded Facilities

Unmapped or non-geocoded facilities are those that have incomplete address information, or the location of the facilities are not known or could not be located on the database. ALL4 reviewed this list and attempted to locate these facilities during the site reconnaissance. The ERIS report identified three unplotable facilities listed in Table 5-4 below. One of the facilities was determined to be outside the standard search distances specified by ASTM 1527-21. One of the facilities was listed on the SFM LPG



PERMIT and one of the facilities was listed on the SFM UST PERMIT which are not required search databases specified by ASTM 1527-21.

**Table 5-4
Unmapped/Non-Geocoded Facilities Summary**

Description	Source	Distance from Subject Property	Status/Finding
Miller’s Bottled Gas	ERNS	315 feet E	Outside standard search distances specified by ASTM 1527-21
Menards	SFM LPG PERMIT	> 1 mile SE	Outside standard search requirements specified by ASTM 1527-21
Five Star 1930	SFM UST PERMIT	0.70 miles E	Outside standard search requirements specified by ASTM 1527-21

5.4 STATE OPEN RECORDS REVIEW

On July 24, 2024, ALL4 submitted Open Records Requests to the Kentucky Department for Environmental Protection (KDEP) requesting any information related to spills, hazardous material, or any other environmental concerns at the subject property and surrounding properties. A response from KDEP on July 24, 2023, indicated that there are no records related to the subject property our surrounding properties. Copies of the initial e-mail and the responses are included in Appendix D.

5.5 LOCAL OPEN RECORDS REVIEW

ALL4 submitted an open records request to the City of Bowling Green, Kentucky on July 24, 2024 requesting any information related to spills, fires, or other environmental issues at the subject property. A response was provided on July 26 containing three records of fire responses at Miller’s Bottled Gas. Copies of the initial e-mail and the response are included in Appendix D. Copies of the files provided for the surrounding properties are included in Appendix E.

**Miller's Bottled Gas, Inc. – 110 Campbell Lane**

This site was listed on the SPILLS database and is located at Property III at 110 Campbell Lane (western portion of 110 Campbell Lane), approximately 315 feet west of the subject property. This site is adjacent to the subject property and hydraulically upgradient of the subject property. The Miller's Bottled Gas, Inc. facility operates as a propane storage and distribution facility. Reported releases at the Miller's Bottled Gas, Inc. facility included two complaints due to natural gas odor from 2011 and 2014. Propane, is a volatile material and, if spilled, releases to the atmosphere. Therefore, it is unlikely that either of the releases at the Miller's Bottled Gas, Inc. facility have impacted the subject property.

The City of Bowling Green provided records of three responses to fires at the subject property and at the adjacent Miller's Bottled Gas, Inc. facility by the Bowling Green Fire Department. According to the provided records, in July 2018, a brush fire broke out along the western border of the subject property and was extinguished by employees of Miller's Bottled Gas, Inc. prior to reaching the propane storage containers located on the adjacent Miller's Bottled Gas, Inc. property. The employees used handheld fire extinguishers available at the Miller's Bottled Gas, Inc. facility to extinguish the fire. Additionally, in April 2019, the Bowling Green Fire Department was dispatched to Miller's Bottled Gas, Inc. due to a gas pipeline rupture/leak. The leak had been fixed by the time the fire department arrived and no fire was present. Finally, in March 2023, the Bowling Green Fire Department utilized water to extinguish a large section of an old utility pole that was being burned at a homeless camp located under the railroad bridge along the western border of the Miller's Bottled Gas, Inc. facility. Due to the use of handheld fire extinguishers and water to extinguish the two fires on or adjacent to the subject property, it is unlikely that any of these responses to fires have impacted the subject property.

5.6 PREVIOUS ENVIRONMENTAL INVESTIGATIONS

No records of previous environmental site investigations for the subject property were identified.



6. SITE RECONNAISSANCE

6.1 METHODOLOGY AND LIMITING CONDITIONS

Jason Moore and Josh Jose of ALL4 conducted a site reconnaissance of the subject property on July 13, 2024. The site visit consisted of foot reconnaissance of the subject property. Adjacent properties were also observed from public roads and the subject property boundary. The surrounding area was observed during a vehicle reconnaissance. The weather was sunny. Photographs taken during the site visit are found in Appendix B.

6.2 GENERAL OBSERVATIONS

The subject property consists of approximately 2.41 acres of vacant land proposed to be developed for residential housing. Campbell Lane bisects the subject property.

The subject property is relatively flat, and surface flow is to the north towards the wooded area and to the northeast towards a gravel-lined stormwater ditch which conveys water into the wooded area. There are two culverts under the paved drive for stormwater conveyance on the subject property and there were no outdoor sewer drains or other drains observed. Photographs of the site are included in Appendix B and a Site Map is included as Figure 2. Further description of the site is found in Section 3 of this report. Site conditions and observations are generally identified in Table 6-1.



**Table 6–1
Relevant Site Conditions Observed**

Category	Item Or Feature	Observation
Site Operations, Processes and Equipment	Emergency Generators	None observed
	Elevators	None observed
	Air Compressors	None observed
	Process equipment - describe	None observed
	Hydraulic Lifts (Stationary or Mobile)	None observed
Aboveground Chemical or Waste Storage	Evidence of Aboveground Storage Tanks	None observed
	Drums, Barrels and/or Containers ≥ 5 gallons – solid waste	None observed
	Drums, Barrels and/or Containers ≥ 5 gallons – process waste	None observed
	Cleaning and/or Similar Supplies	None observed
Underground Chemical or Waste Storage, Drainage or Collection Systems	Evidence of Underground Storage Tanks or Ancillary Equipment	None observed
	Sumps, Cisterns, Catch Basins and/or Dry Wells	None observed
	Septic Tanks and/or Leach Fields	None observed
	Grease Traps	None observed
	Oil/water Separators	None observed
	Pipeline Markers	Pipeline markers were observed for sanitary sewer and service water lines.
	Interior Floor Drains	None observed
	Suspect Patched Concrete or Asphalt	None observed
Electrical Transformers/ Polychlorinated Biphenyl (PCB)	Skid, pad, platform or pole mounted transformer and/or capacitor	None observed
	Generators	None observed



**Table 6-1
Relevant Site Conditions Observed**

Category	Item Or Feature	Observation
Potential Areas for Releases	Stressed Vegetation	None observed
	Stained Soil	None observed
	Significant Stained Pavement or Similar Surface	None observed
	Trash, Debris and/or Other Waste Materials	General trash and debris observed throughout the property. No evidence of contamination was observed. Therefore, this is not considered a REC.
	Dumping or Disposal Areas	None observed
	Construction/Demolition Debris and/or Dumped Fill Dirt	None observed
	Surface Water Discoloration, Odor, Sheen, and/or Free-Floating Product	None observed
	Strong, Pungent or Noxious Odors	None observed
	Exterior Pipe Discharges and/or Other Effluent Discharges	None observed
	Laboratory Hoods and/or Incinerators	None observed
	Waste Treatment and/or Water Treatment Systems	None observed
	Compressor Blowdown	None observed
Other Notable Site Features	Surface Water Bodies	None observed
	Surface Water Outfalls	None observed
	Quarries, Pits or Borrow Areas of Soil or Gravel	None observed
	Wells	None observed



6.2.1 WASTEWATER AND STORMWATER DISCHARGES

No industrial wastewater discharge was identified on the subject property. The subject property is relatively flat, therefore, stormwater from the subject property primarily infiltrates the ground or collects in the lower lying areas of the subject property along Campbell Lane. During heavy rain events, stormwater flows to the wooded area along the northern border of the subject property via sheet flow and two stormwater culverts under the paved drive. The nearest water body is Jennings Creek approximately one mile northwest of the subject property.

6.2.2 HAZARDOUS MATERIALS USE AND DISPOSAL

No evidence of commercial/industrial hazardous material use or disposal was observed on the subject property.

6.2.3 PCB EQUIPMENT

No polychlorinated biphenyl (PCB) equipment was identified on the subject property by ALL4 during the site reconnaissance.

6.2.4 STORAGE TANKS

No storage tanks were observed on the subject property during the site reconnaissance.

6.2.5 CONTAMINATED FILL

No obvious evidence of the placement of contaminated fill was observed by ALL4 during the site visit.

6.2.6 POTENTIAL FOR MIGRATION OF HAZARDOUS SUBSTANCES OR PETROLEUM PRODUCTS

Based on the topography of the property and use of surrounding areas, it is unlikely that there is a potential for migration of hazardous substances or petroleum products from adjacent properties.



6.2.7 ASBESTOS/LEAD/PFAS/VAPOR INTRUSION POTENTIAL

Asbestos, lead based paint, and per- and PFAS evaluations were not conducted as part of this assessment. There were no adjacent properties identified on the PFAS IND database.



7. INTERVIEWS

Jason Moore (ALL4) interviewed Ron Cummings via email on August 9, 2024. Mr. Cummings is an employee of Century 21 Premier Realty Partners, who represent the current owner of the subject property. Mr. Cummings stated the current owner has owned the subject property since 1994 and that the subject property is currently vacant land bisected by a paved drive. Mr. Cummings was not aware of any environmental conditions that may have impacted the subject property.



8. EVALUATION

ALL4 was retained by AU to perform a Phase I ESA of Property II Lot No. 1 located at 110 Campbell Lane, Bowling Green, KY. The ESA was completed in general conformance with the scope and limitations of ASTM Practice E1527-21. Any exceptions to, or deletions from, this practice are described in Sections 2 and 8 of this report.

The assessment was conducted to identify REC as that term is defined by the ASTM E1527-21 Standard, within the limitations of the scope and process described in this report. The assessment was completed in August 2024. A list of all sources of information used in the preparation of this report may be found in Appendix F.

8.1 DATA GAPS

During this assessment, ALL4 was able to obtain all information required by ASTM Practice E1527-21 in sufficient detail to identify known or suspected REC in, on, or at the property evaluated.

8.2 FINDINGS

ALL4 did not identify RECs in connection with the subject property.

8.3 OPINION

It is the opinion of the Environmental Professional that there are no REC that have impacted the subject property.

8.4 CONCLUSION

ALL4 has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-21 of the property located at 110 Campbell Lane, Bowling Green, KY, the subject property. Any exceptions to, or deletions, from this practice are described in Section 2.4 of

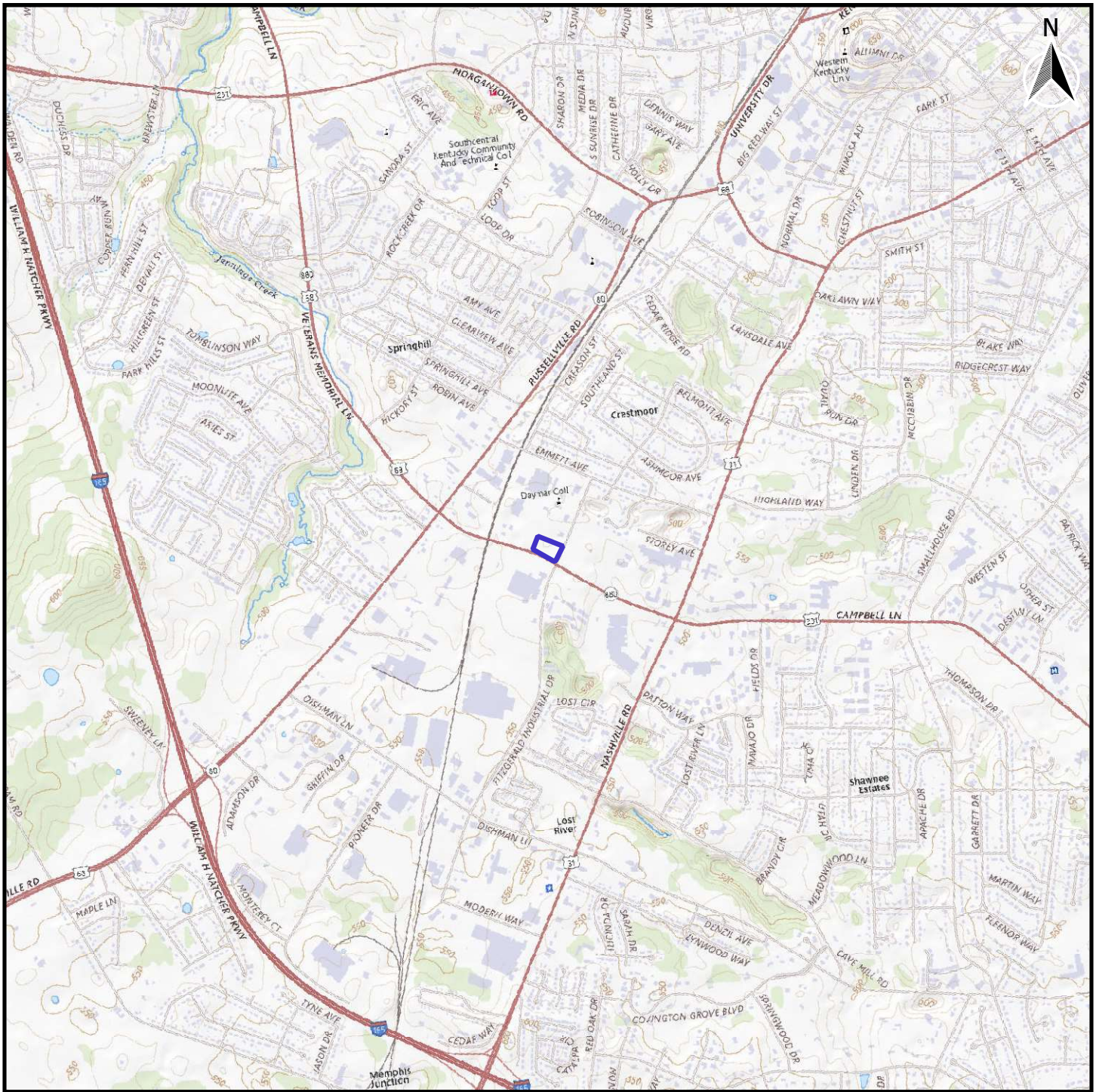


this Report. This assessment has revealed no recognized environmental conditions, controlled recognized environmental conditions, or significant data gaps in connection with the subject property. The methodology used in the preparation of the report has been described within the report. Appendix F provides a listing of references used by ALL4 in the preparation of the report and the development of the opinion by the Environmental Professional.

8.5 QUALIFICATIONS

Resumes of the ALL4 personnel responsible for the preparation of this environmental site assessment are included in Appendix G of this report.

This report was prepared by Jason Moore and Daniel Hardin. Daniel Hardin qualifies as an Environmental Professional as described in ASTM E1527-21. The Environmental Professional has provided a statement on the signature page of this report regarding qualifications as required by the Standard.



Legend

 Subject Property

Figure 1
Area Map

110 Campbell Lane, Bowling Green, KY

0 0.25 0.5 0.75 1 mi



DRAWN BY: **J.M.**

CHECKED BY: **D.H.**

DATE CREATED:
August 2023

PROJ NO.:
001395-0007.00





Legend

 Subject Property

Figure 2
Site Map

110 Campbell Lane, Bowling Green, KY



DRAWN BY: **J.M.**

CHECKED BY: **D.H.**

DATE CREATED:
August 2023

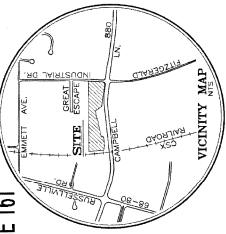
PROJ NO.:
001395-0007.00



LOCATED AND RECORDED BY WALTER DUNNICK, CLERK 2022 OCT -3, PM 9:34

Recorded October 3, 2022

LEGEND: PROPERTY LINE, CONTROLLING, EASEMENT (E), EXISTING (E), REFERENCE POINT



LAND SURVEYOR'S CERTIFICATE: I HEREBY CERTIFY THAT THIS PLAT REPRESENTS A BOUNDARY SURVEY MADE BY ME OR UNDER MY DIRECTION...

BOWLING GREEN PUBLIC WORKS CERTIFICATION: I HEREBY CERTIFY THAT THIS PLAT HAS BEEN REVIEWED AND FOUND TO BE IN CONFORMANCE WITH CITY STANDARDS...

STATE OF KENTUCKY DEPARTMENT OF TRANSPORTATION BUREAU OF HIGHWAYS: ACCESS TO HIGHWAY 680... MAY BE GRANTED...

BOWLING GREEN MUNICIPAL UTILITIES: NATURAL GAS SERVICE... MAY BE GRANTED...

BOWLING GREEN FIRE DEPARTMENT: I HEREBY CERTIFY THE BOWLING GREEN FIRE DEPARTMENT HAS REVIEWED AND APPROVED THIS PLAT...

CITY AUTHORIZED SIGNATURE: Kyle H. Fre...

CITY AUTHORIZED SIGNATURE: Travis Parley...

CITY AUTHORIZED SIGNATURE: Dennis Boice...

CITY AUTHORIZED SIGNATURE: Spectrum...

CITY-COUNTY PLANNING COMMISSION: I HEREBY CERTIFY THAT THE SUBMITTAL PLAT SHOWS RECORDING INFORMATION...

Digital Signatures Verified By Staff

Barry W. Claypool, Land Surveyor

Barry W. Claypool, Land Surveyor

Barry W. Claypool, Land Surveyor

Barry W. Claypool, Land Surveyor

Barry W. Claypool, Land Surveyor

Barry W. Claypool, Land Surveyor

Barry W. Claypool, Land Surveyor

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Barry W. Claypool, Land Surveyor

Barry W. Claypool, Land Surveyor

Barry W. Claypool, Land Surveyor

NOTE: THIS SURVEY IS SUBJECT TO ANY FINDINGS INCURRED BY A COMPLETE AND CORRECT TITLE AND RESTRICTIONS RECORDED OR UNRECORDED...

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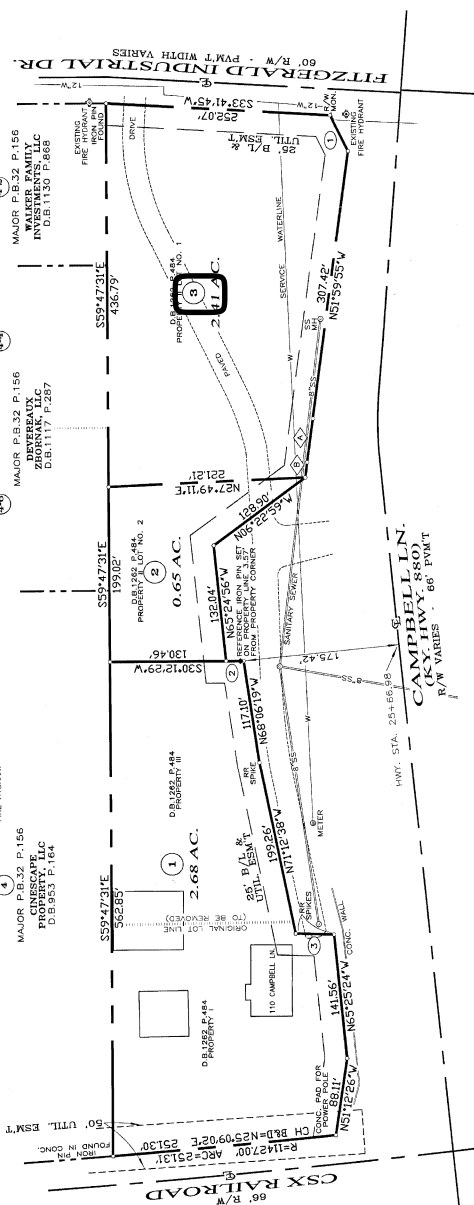
THIS SURVEY IS SUBJECT TO ANY FINDINGS INCURRED BY A COMPLETE AND CORRECT TITLE AND RESTRICTIONS RECORDED OR UNRECORDED...

THIS SURVEY IS SUBJECT TO ANY FINDINGS INCURRED BY A COMPLETE AND CORRECT TITLE AND RESTRICTIONS RECORDED OR UNRECORDED...

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THIS SURVEY IS SUBJECT TO ANY FINDINGS INCURRED BY A COMPLETE AND CORRECT TITLE AND RESTRICTIONS RECORDED OR UNRECORDED...



LINE TABLE with columns for LINE, BEARING, DISTANCE

CURVE TABLE with columns for LINE, RADIUS, ARC LENGTH, CHORD, LEN CHORD, BEARING

OWNER & DEVELOPER: Miller's Reel Estate Holdings, Inc. c/o Joan Miller

LAND SURVEYING: Barry W. Claypool & Associates, Inc.

DATE: JULY 2022, JOB NO.: 2549, REVISED: SEPT. 2022

STATE OF KENTUCKY, BARRY W. CLAYPOOL, LICENSED LAND SURVEYOR

MILLER'S REEL ESTATE HOLDINGS, INC. logo

Figure 4 – 1937 Aerial Photograph

Source: ERIS

500
Feet



Year: 1937
Source: ASCS
Scale: 1" = 500'
Comment:

Address: 110 Campbell Lane, Bowling Green, KY
Approx Center: -86.47582844,36.96680456

Order No: 24071700644



Figure 5 – 1950 Aerial Photograph

Source: ERIS

500
Feet



Year: 1950
Source: USGS
Scale: 1" = 500'
Comment:

Address: 110 Campbell Lane, Bowling Green, KY
Approx Center: -86.47582844,36.96680456

Order No: 24071700644



Figure 6 – 1958 Aerial Photograph

Source: ERIS

500
Feet



Year: 1958
Source: USGS
Scale: 1" = 500'
Comment:

Address: 110 Campbell Lane, Bowling Green, KY
Approx Center: -86.47582844,36.96680456

Order No: 24071700644



Figure 7 – 1964 Aerial Photograph

Source: ERIS

500
Feet



Year: 1964
Source: ASCS
Scale: 1" = 500'
Comment:

Address: 110 Campbell Lane, Bowling Green, KY
Approx Center: -86.47582844,36.96680456

Order No: 24071700644



Figure 8 – 1967 Aerial Photograph

Source: ERIS

500
Feet



Year: 1967
Source: USGS
Scale: 1" = 500'
Comment:

Address: 110 Campbell Lane, Bowling Green, KY
Approx Center: -86.47582844,36.96680456

Order No: 24071700644



Figure 9 – 1972 Aerial Photograph

Source: ERIS

500
Feet



Year: 1972
Source: ASCS
Scale: 1" = 500'
Comment:

Address: 110 Campbell Lane, Bowling Green, KY
Approx Center: -86.47582844,36.96680456

Order No: 24071700644



Figure 10 – 1980 Aerial Photograph

Source: ERIS

500
Feet



Year: 1980
Source: USGS
Scale: 1" = 500'
Comment:

Address: 110 Campbell Lane, Bowling Green, KY
Approx Center: -86.47582844,36.96680456

Order No: 24071700644



Figure 11 – 1987 Aerial Photograph

Source: ERIS

500
Feet



Year: 1987
Source: USGS
Scale: 1" = 500'
Comment:

Address: 110 Campbell Lane, Bowling Green, KY
Approx Center: -86.47582844,36.96680456

Order No: 24071700644



Figure 12 – 1993 Aerial Photograph

Source: ERIS

500
Feet



Year: 1993
Source: USGS
Scale: 1" = 500'
Comment:

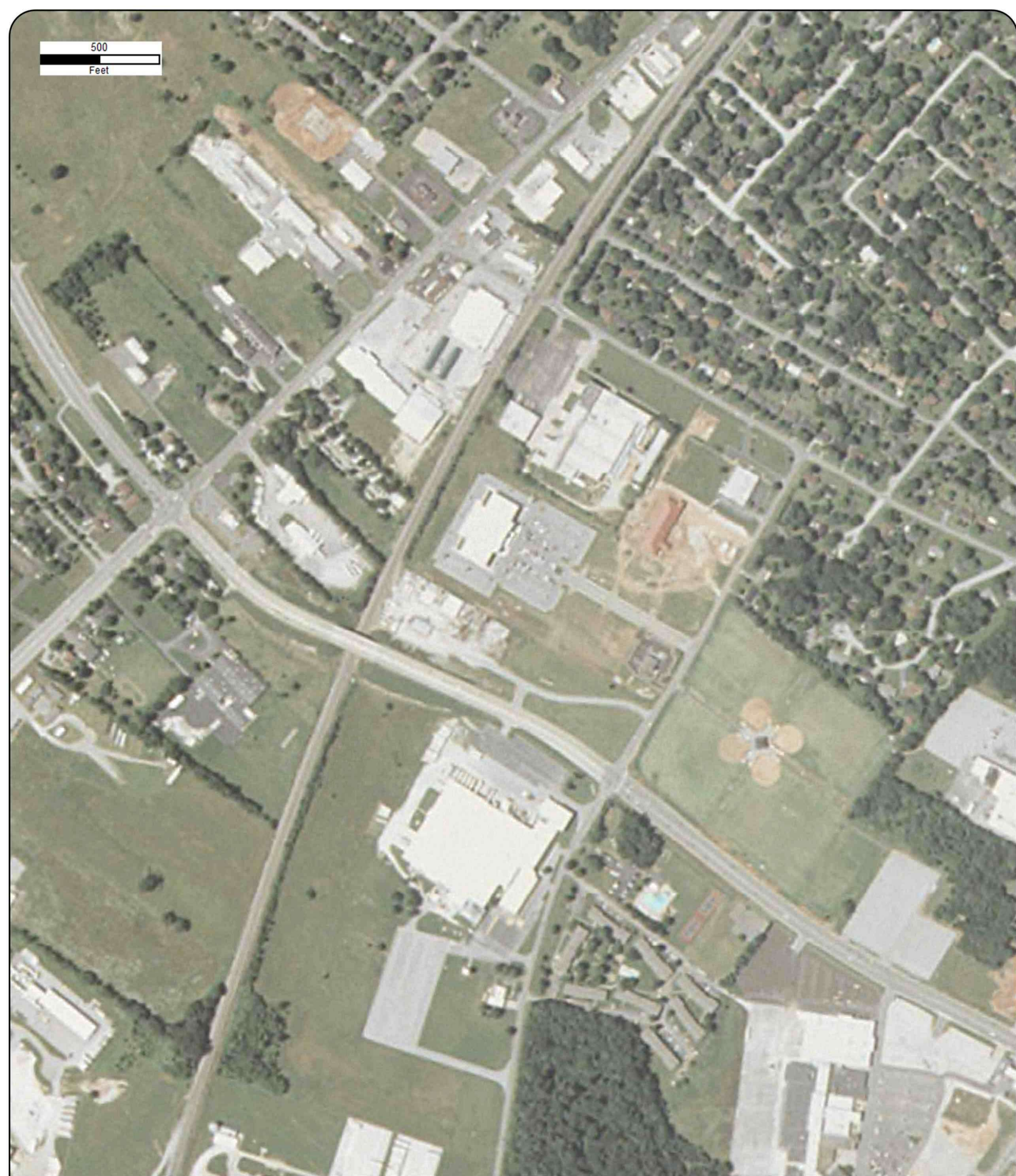
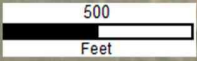
Address: 110 Campbell Lane, Bowling Green, KY
Approx Center: -86.47582844,36.96680456

Order No: 24071700644



Figure 13 – 2003 Aerial Photograph

Source: ERIS



Year: 2003
Source: USDA
Scale: 1" = 500'
Comment:

Address: 110 Campbell Lane, Bowling Green, KY
Approx Center: -86.47582844,36.96680456

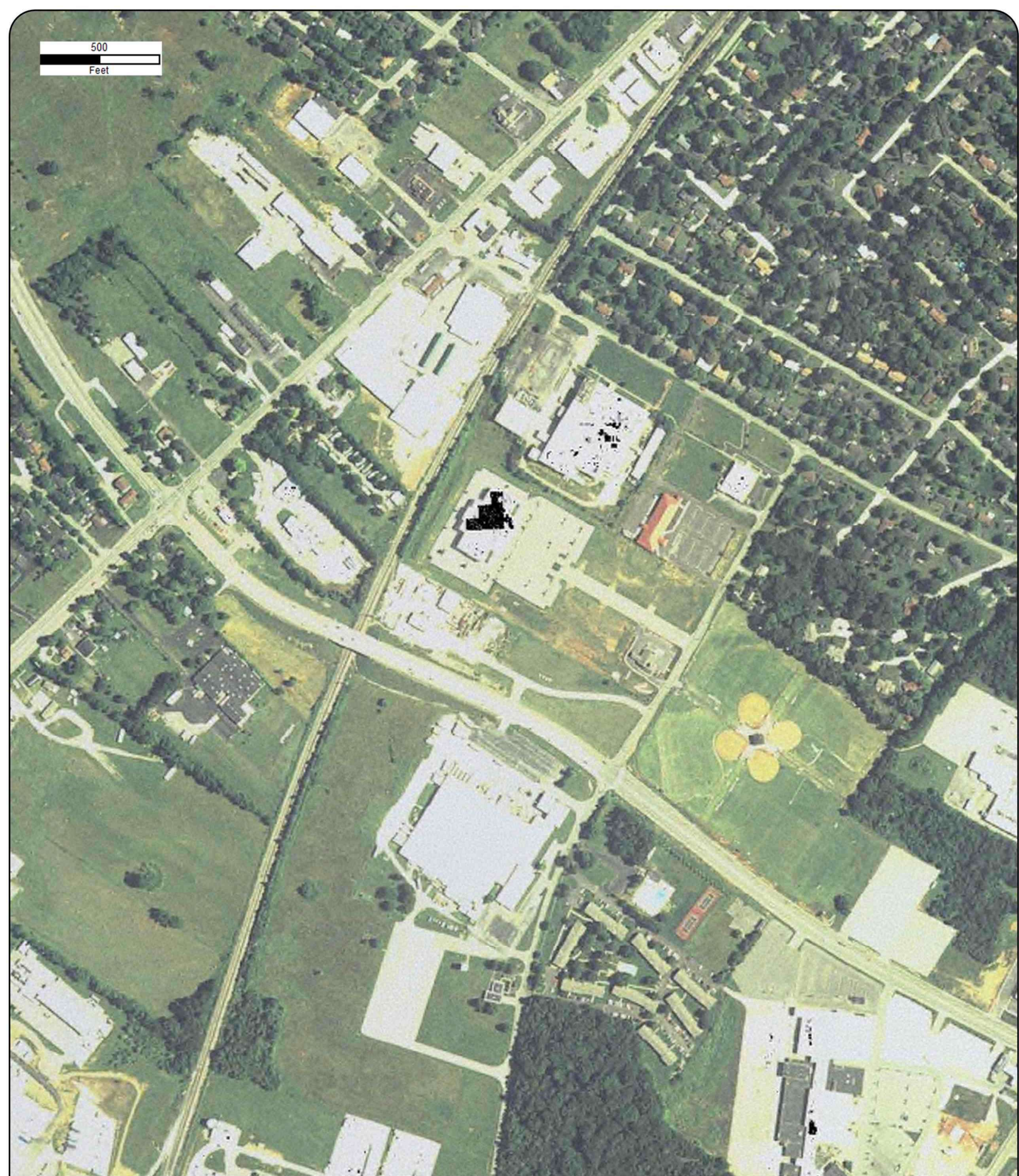
Order No: 24071700644



Figure 14 – 2004 Aerial Photograph

Source: ERIS

500
Feet



Year: 2004
Source: USDA
Scale: 1" = 500'
Comment:

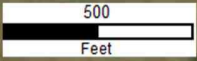
Address: 110 Campbell Lane, Bowling Green, KY
Approx Center: -86.47582844,36.96680456

Order No: 24071700644



Figure 15 – 2006 Aerial Photograph

Source: ERIS



Year: 2006
Source: USDA
Scale: 1" = 500'
Comment:

Address: 110 Campbell Lane, Bowling Green, KY
Approx Center: -86.47582844,36.96680456

Order No: 24071700644



Figure 16 – 2008 Aerial Photograph

Source: ERIS

500
Feet



Year: 2008
Source: USDA
Scale: 1" = 500'
Comment:

Address: 110 Campbell Lane, Bowling Green, KY
Approx Center: -86.47582844,36.96680456

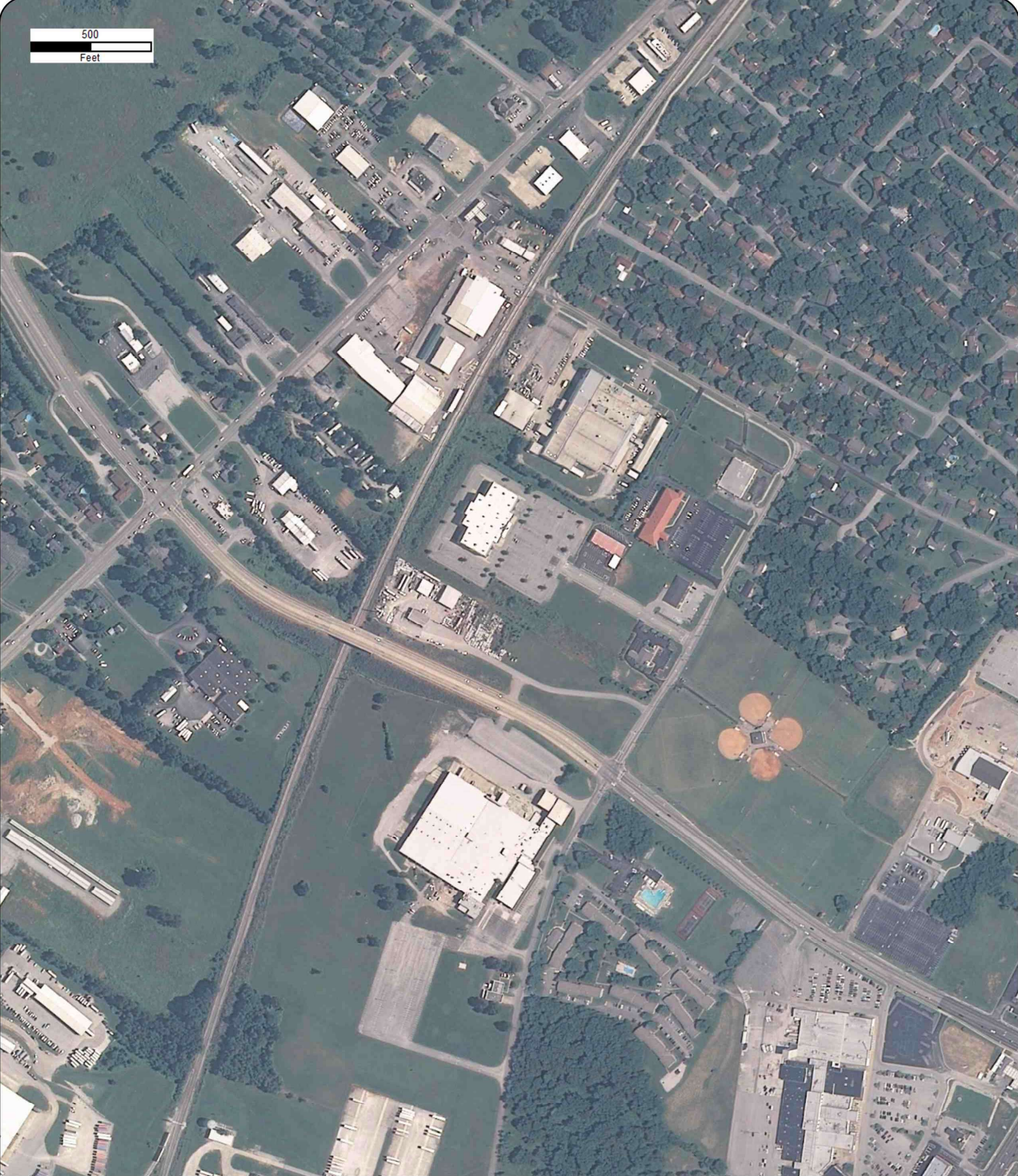
Order No: 24071700644



Figure 17 – 2010 Aerial Photograph

Source: ERIS

500
Feet



Year: 2010
Source: USDA
Scale: 1" = 500'
Comment:

Address: 110 Campbell Lane, Bowling Green, KY
Approx Center: -86.47582844,36.96680456

Order No: 24071700644



Figure 18 – 2012 Aerial Photograph

Source: ERIS

500
Feet



Year: 2012
Source: USDA
Scale: 1" = 500'
Comment:

Address: 110 Campbell Lane, Bowling Green, KY
Approx Center: -86.47582844,36.96680456

Order No: 24071700644



Figure 19 – 2014 Aerial Photograph

Source: ERIS

500
Feet



Year: 2014
Source: USDA
Scale: 1" = 500'
Comment:

Address: 110 Campbell Lane, Bowling Green, KY
Approx Center: -86.47582844,36.96680456

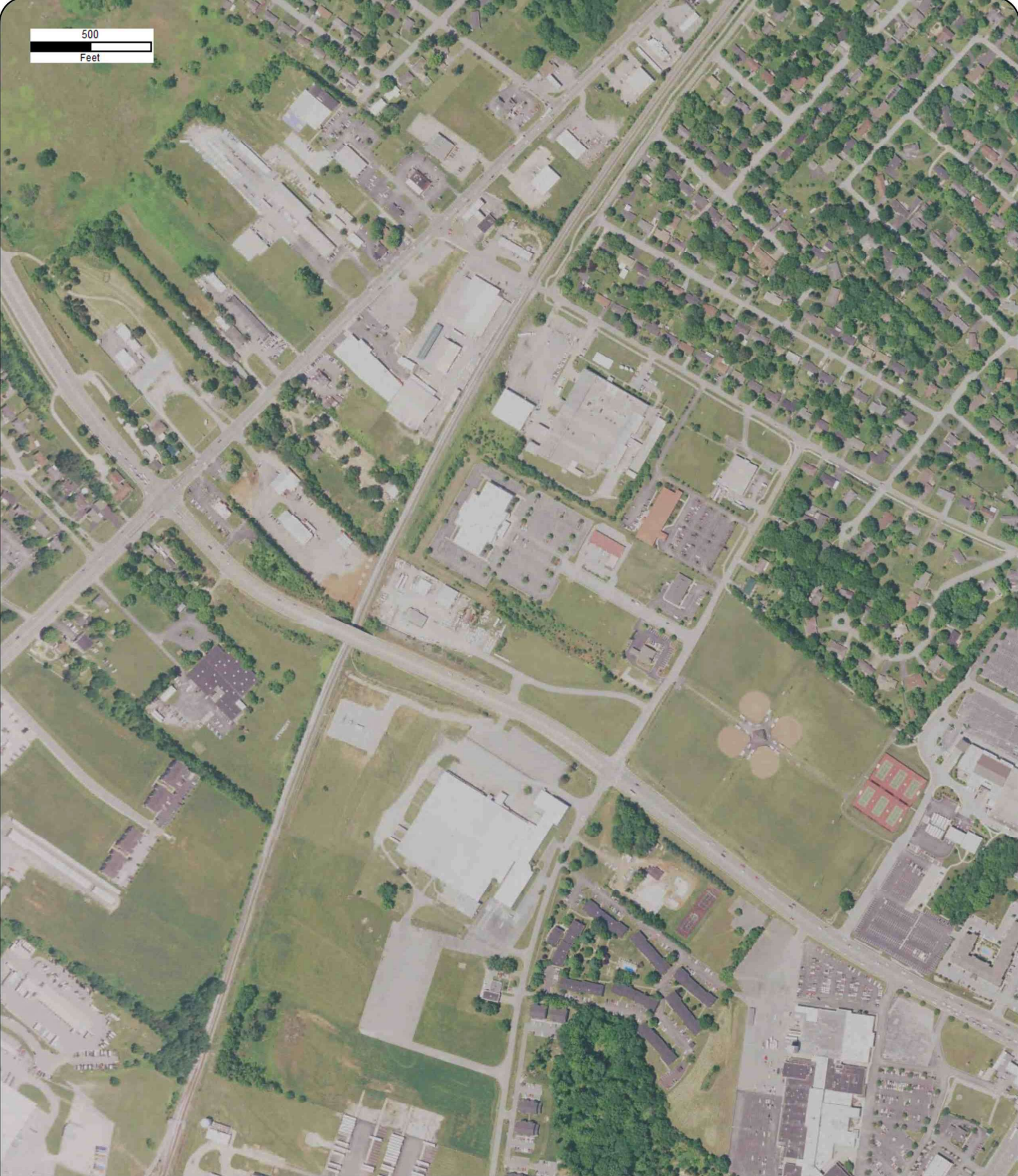
Order No: 24071700644



Figure 20 – 2016 Aerial Photograph

Source: ERIS

500
Feet



Year: 2016
Source: USDA
Scale: 1" = 500'
Comment:

Address: 110 Campbell Lane, Bowling Green, KY
Approx Center: -86.47582844,36.96680456

Order No: 24071700644



Figure 21 – 2018 Aerial Photograph

Source: ERIS

500
Feet



Year: 2018
Source: USDA
Scale: 1" = 500'
Comment:

Address: 110 Campbell Lane, Bowling Green, KY
Approx Center: -86.47582844,36.96680456

Order No: 24071700644



Figure 22 – 2020 Aerial Photograph

Source: ERIS

500
Feet



Year: 2020
Source: USDA
Scale: 1" = 500'
Comment:

Address: 110 Campbell Lane, Bowling Green, KY
Approx Center: -86.47582844,36.96680456

Order No: 24071700644



Figure 23 – 2021 Aerial Photograph

Source: ERIS

500
Feet



Year: 2021
Source: MAXAR
Scale: 1" = 500'
Comment:

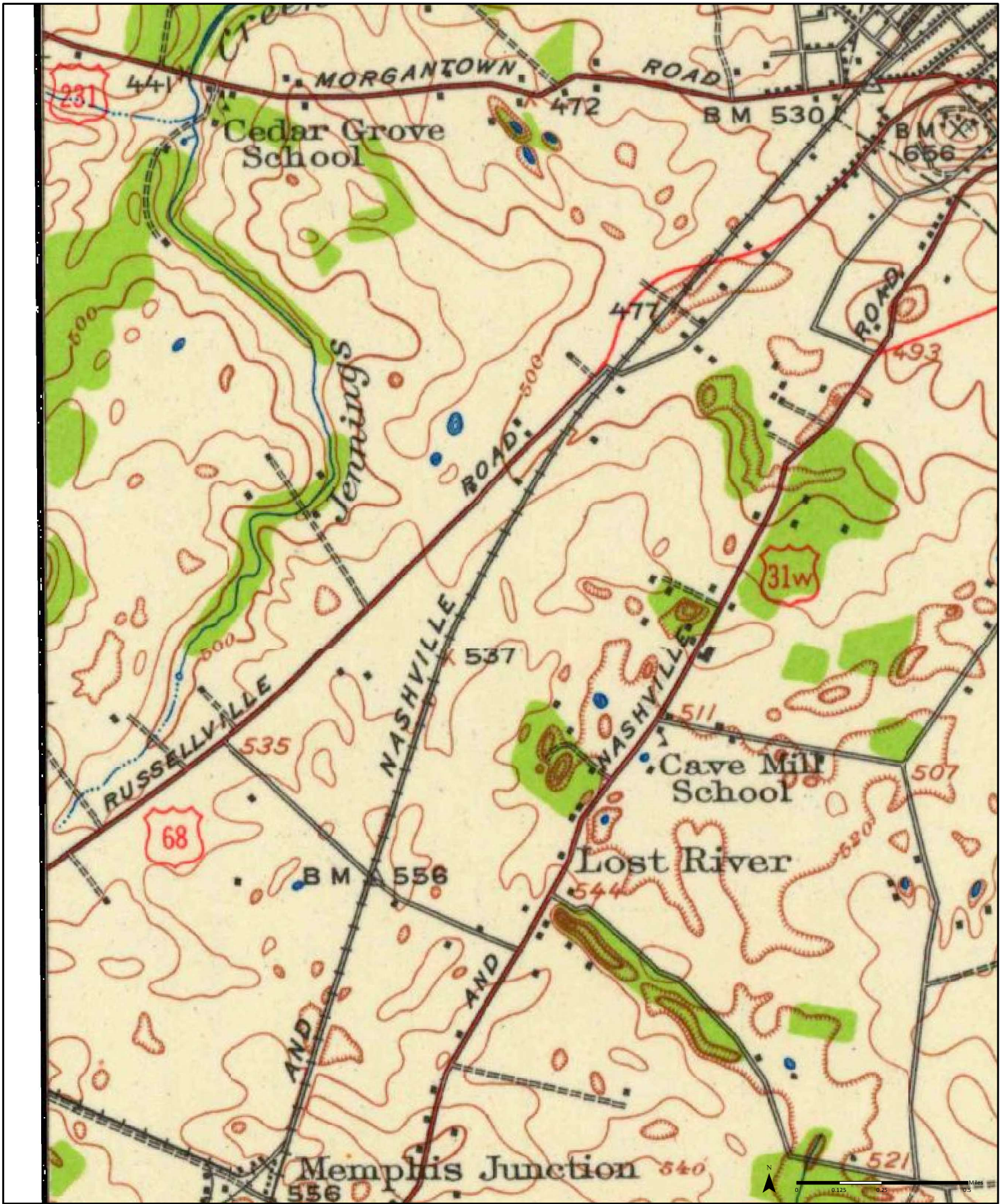
Address: 110 Campbell Lane, Bowling Green, KY
Approx Center: -86.47582844,36.96680456

Order No: 24071700644



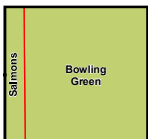
Figure 24 – 1921 Topographic Map

Source: ERIS



1921

Order No. 24071700644



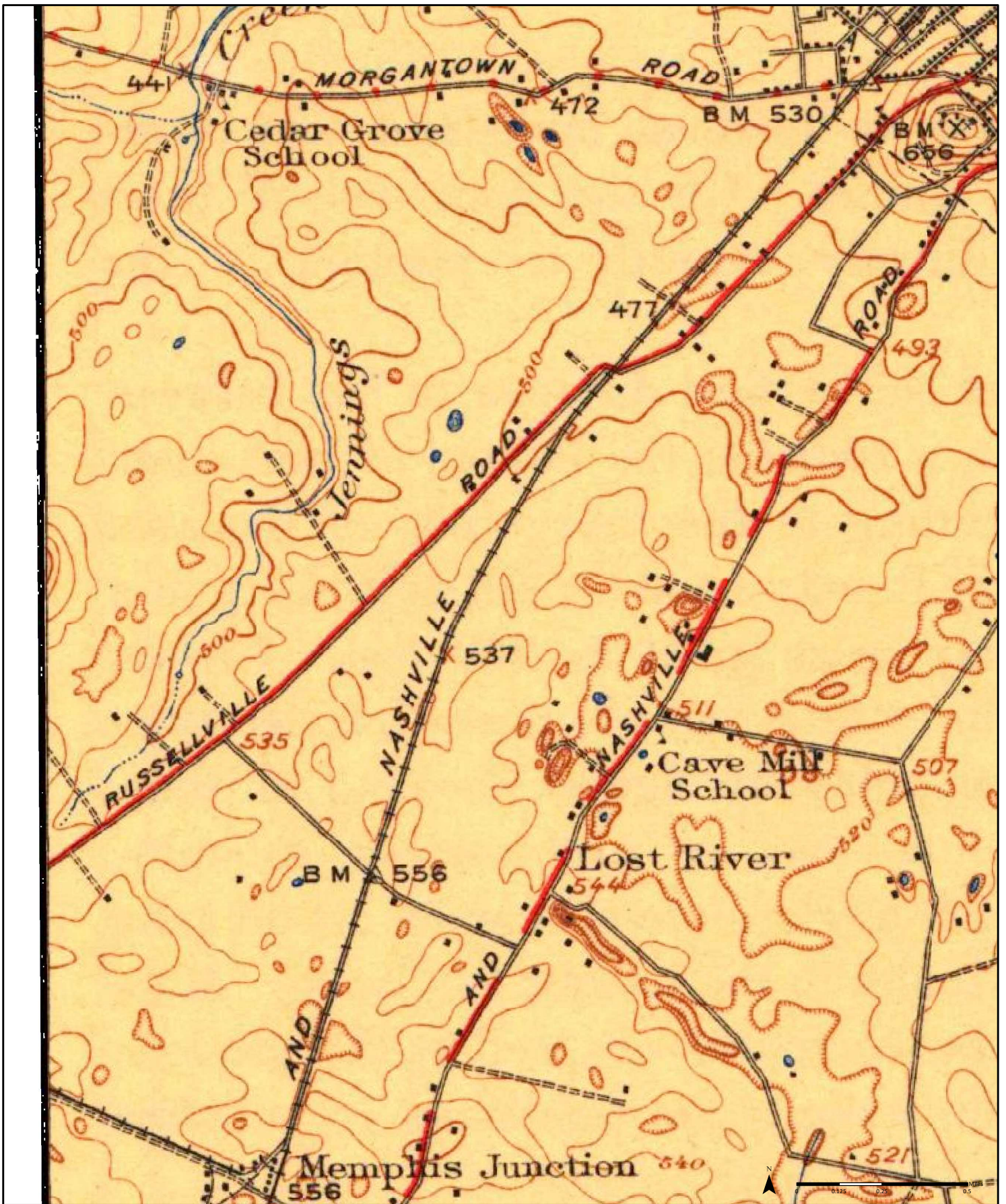
Available Quadrangle(s): Bowling Green, KY

Source: USGS 15 Minute Topographic Map



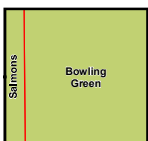
Figure 25 – 1923 Topographic Map

Source: ERIS



1923

Order No. 24071700644



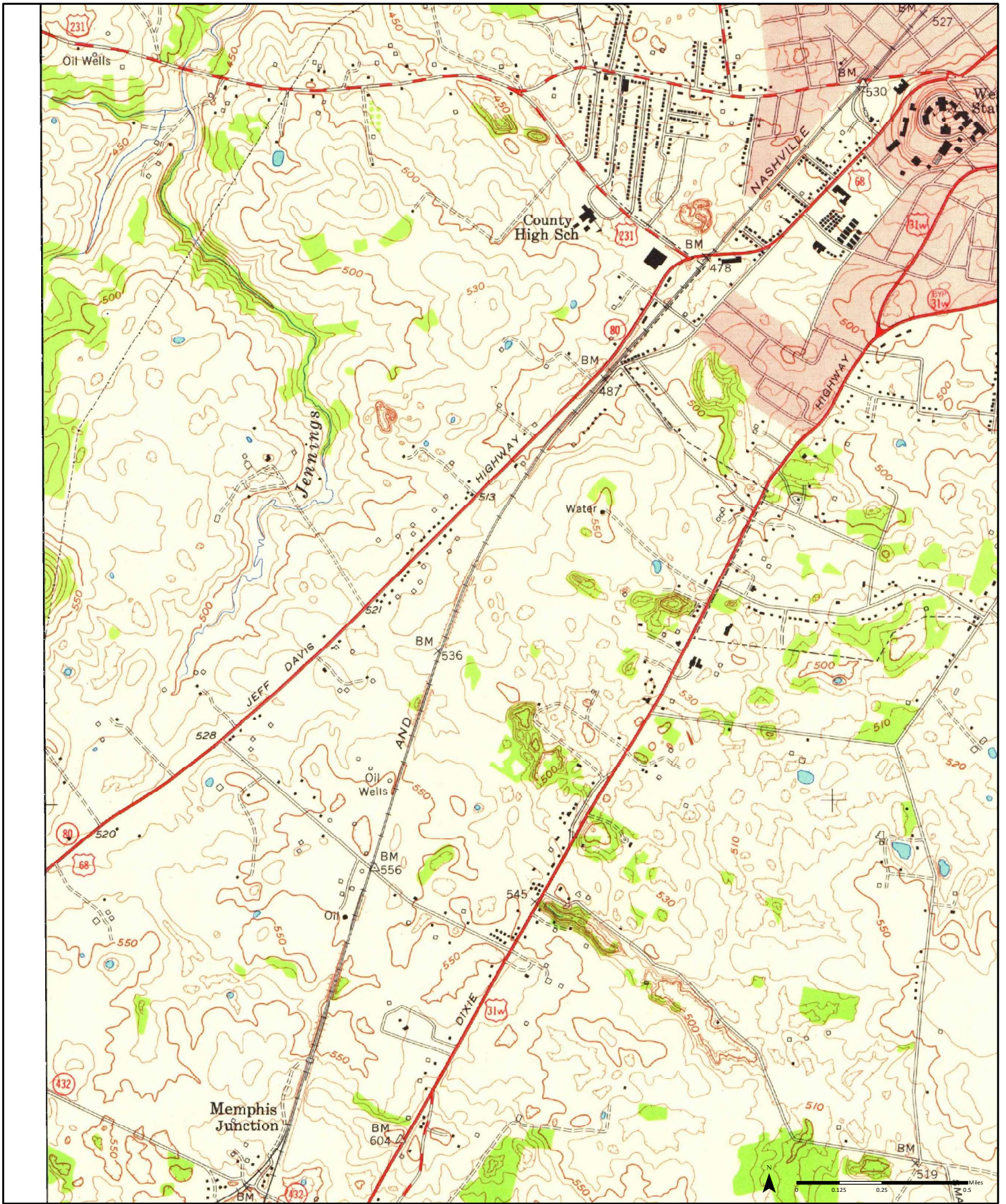
Available Quadrangle(s): Bowling Green, KY

Source: USGS 15 Minute Topographic Map



Figure 26 – 1954 Topographic Map

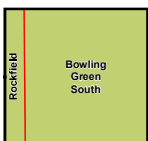
Source: ERIS



1954

(1-1954)
Aerial Photo Year: 1953

Order No. 24071700644

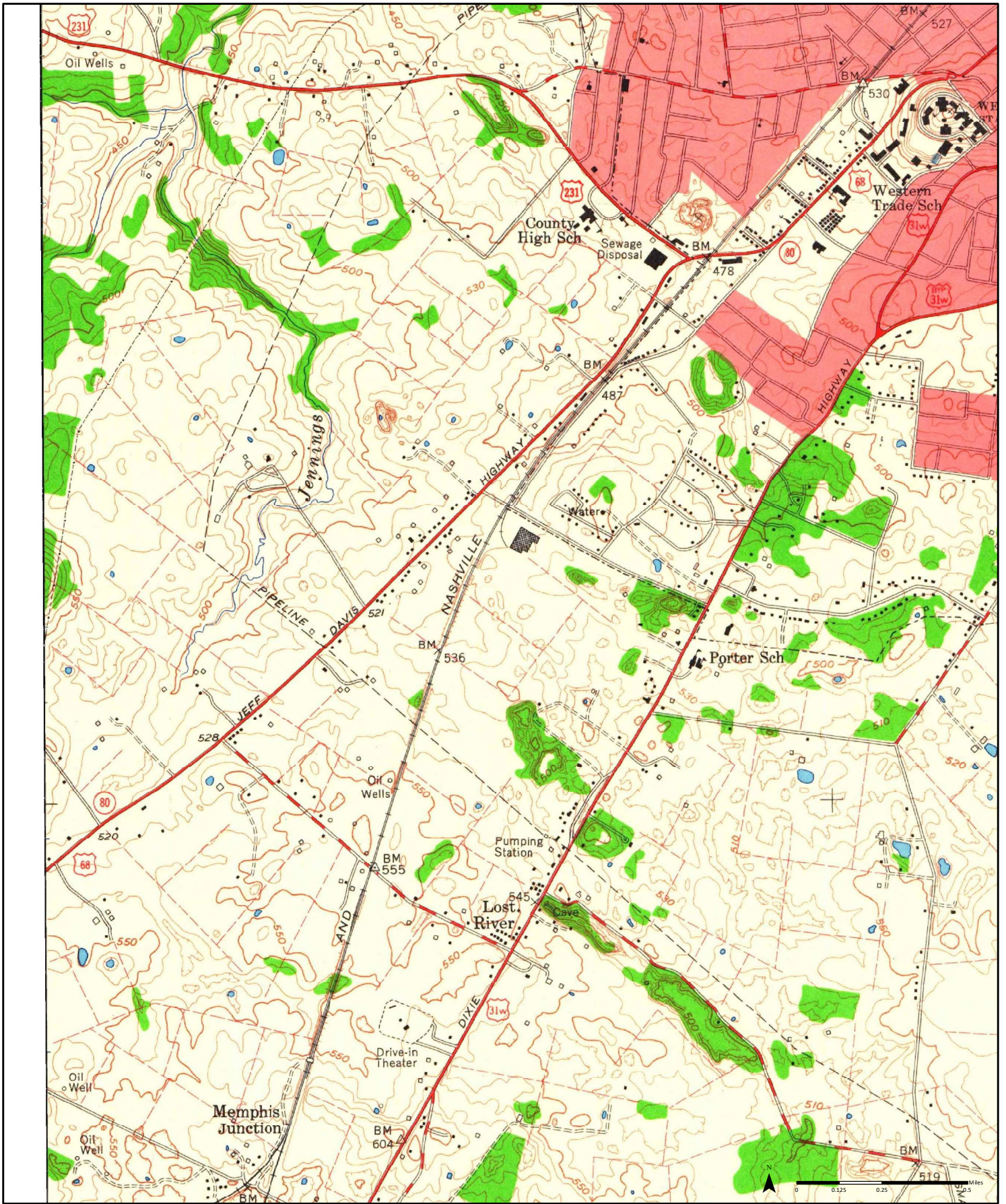


Available Quadrangle(s): Bowling Green South, KY (1-1954)



Figure 27 – 1959 Topographic Map

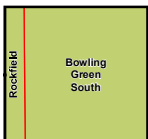
Source: ERIS



1959

(1-1959) Aerial Photo Year: 1953

Order No. 24071700644



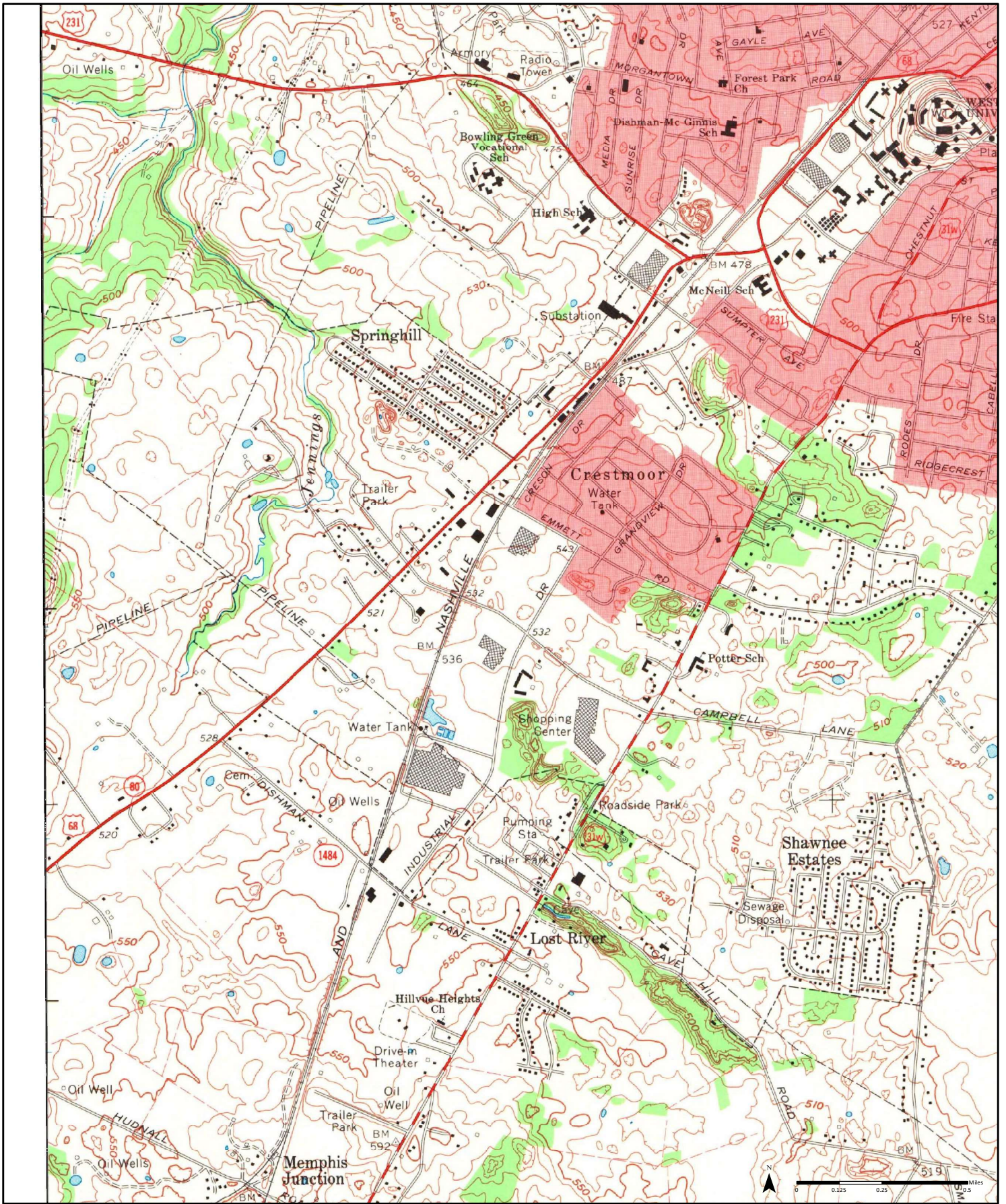
Available Quadrangle(s): Bowling Green South, KY(1-1959)



Source: USGS 7.5 Minute Topographic Map

Figure 28 – 1968 Topographic Map

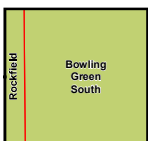
Source: ERIS



1968

(1-1968)
Aerial Photo Year: 1967

Order No. 24071700644



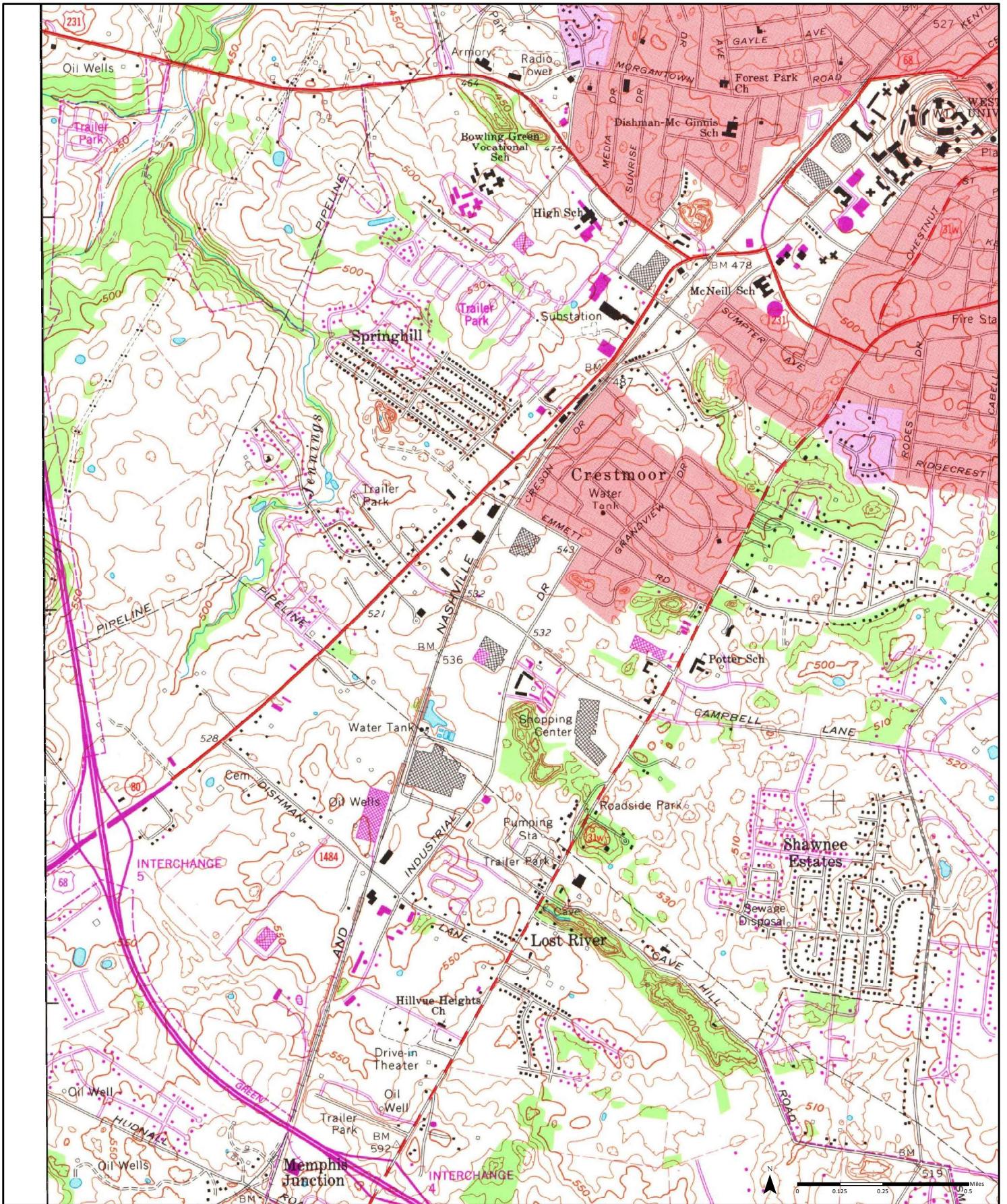
Available Quadrangle(s): Bowling Green South, KY (1-1968)

Source: USGS 7.5 Minute Topographic Map



Figure 29 – 1982 Topographic Map

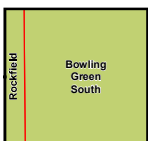
Source: ERIS



1982

(1-1982)
 Aerial Photo Year: 1979
 Photo Revision Year: 1982

Order No. 24071700644

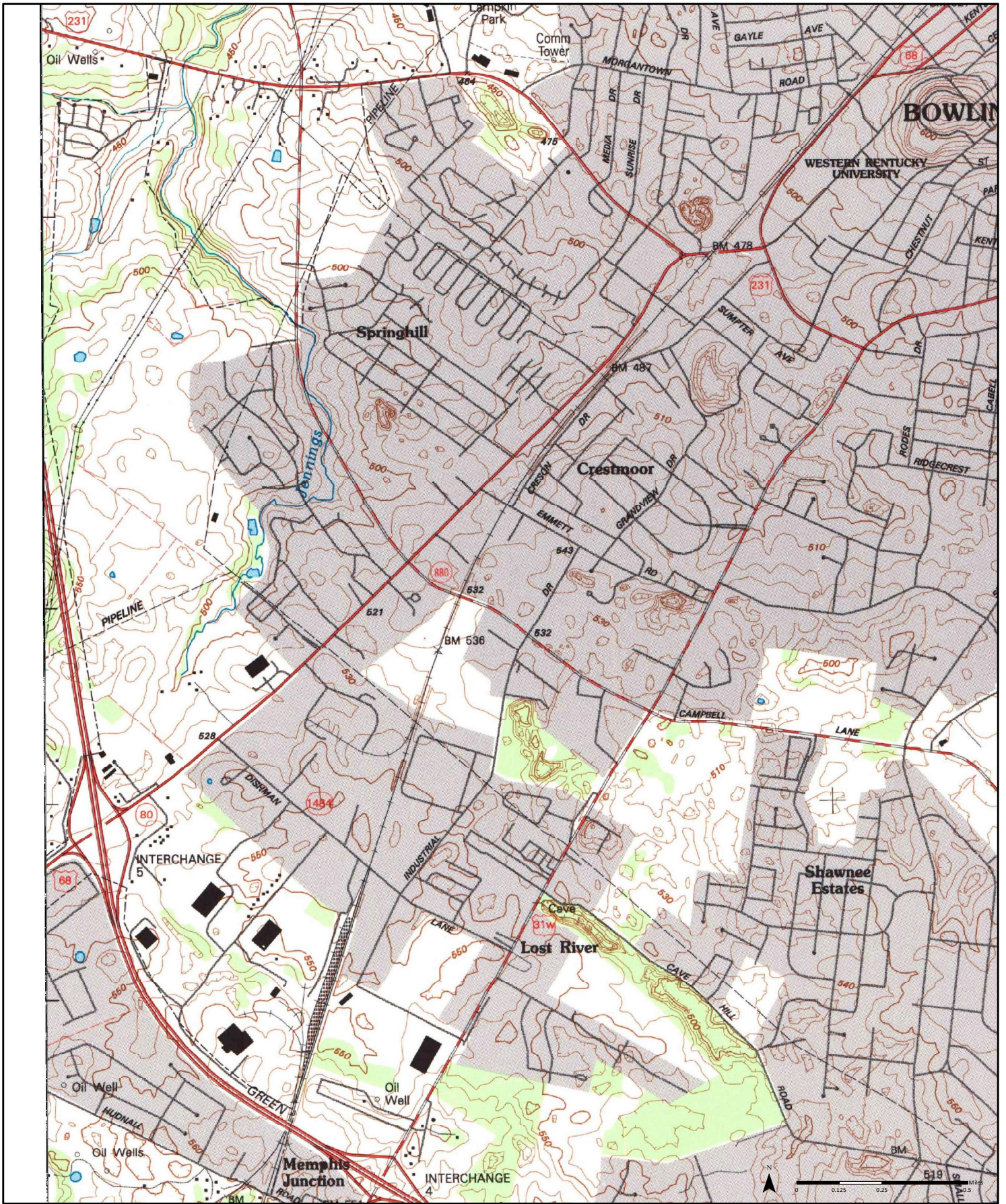


Available Quadrangle(s): Bowling Green South, KY (1-1982)



Figure 30 – 1996 Topographic Map

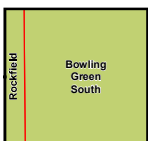
Source: ERIS



1996

(1-1996)
Aerial Photo Year: 1993

Order No. 24071700644



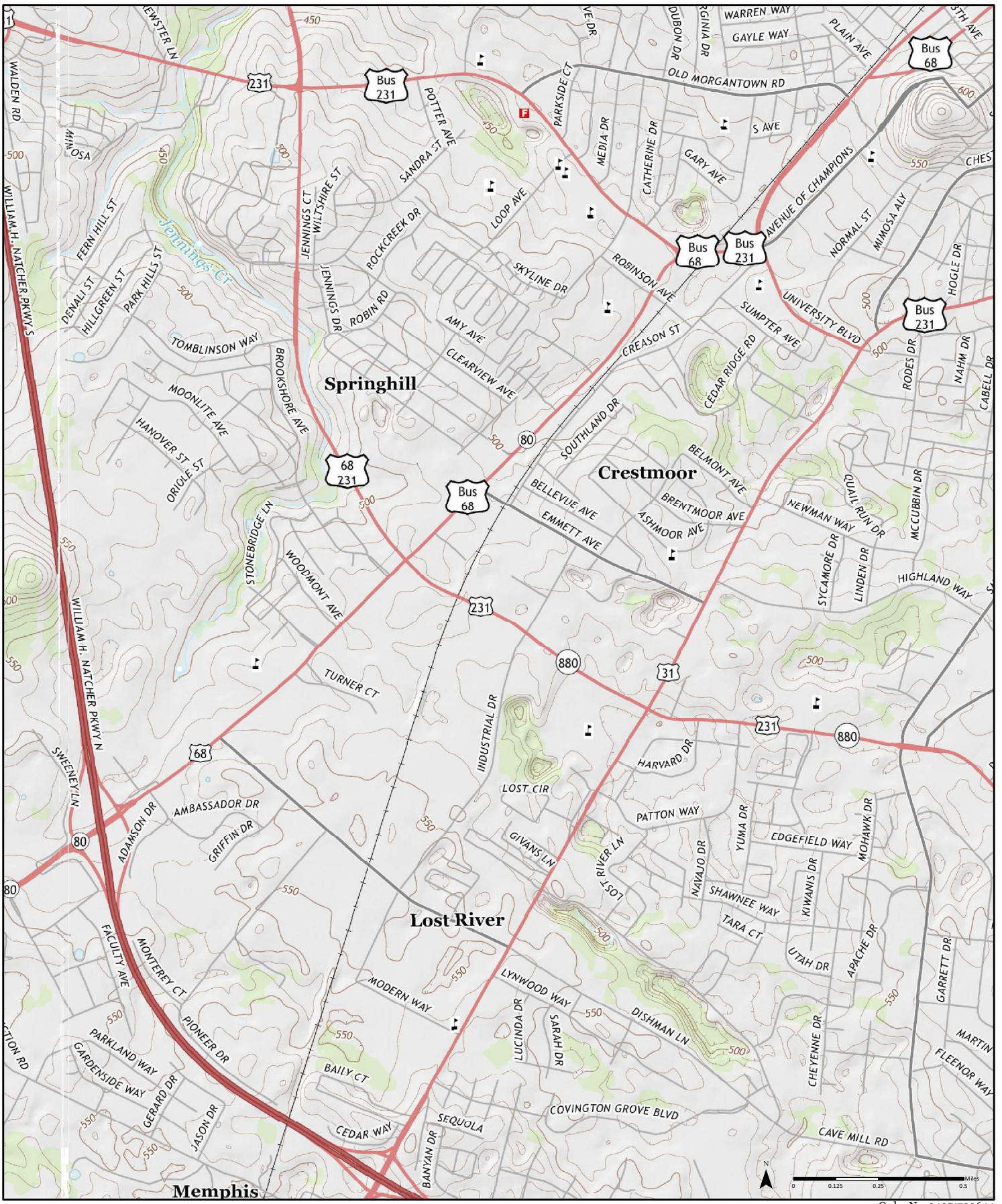
Available Quadrangle(s): Bowling Green South, KY(1-1996)

Source: USGS 7.5 Minute Topographic Map



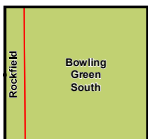
Figure 31 – 2013 Topographic Map

Source: ERIS



2013

Order No. 24071700644



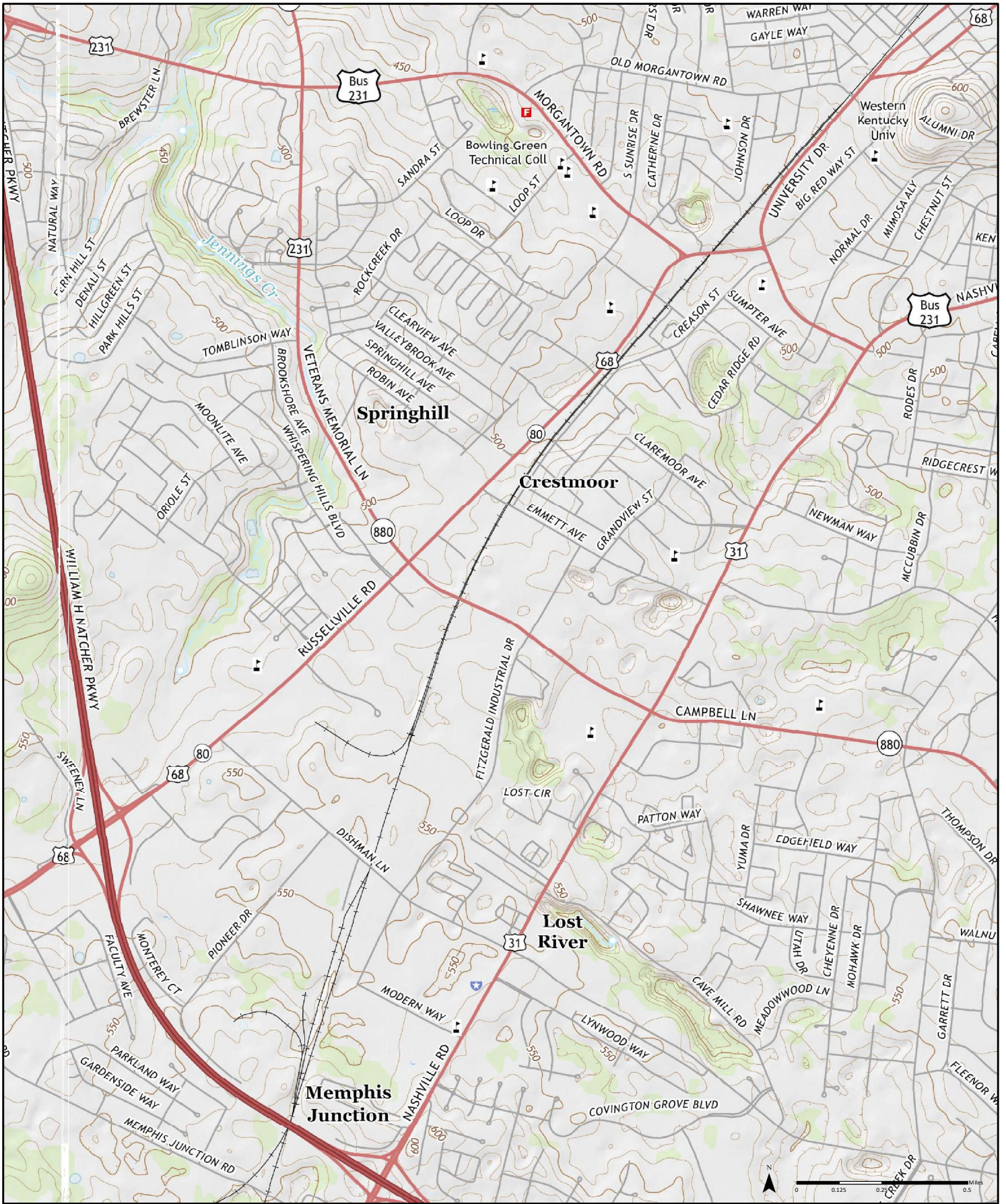
Available Quadrangle(s): Bowling Green South, KY
Rockfield, KY



Source: USGS 7.5 Minute Topographic Map

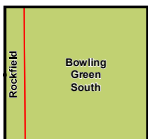
Figure 32 – 2016 Topographic Map

Source: ERIS



Order No. 24071700644

2016



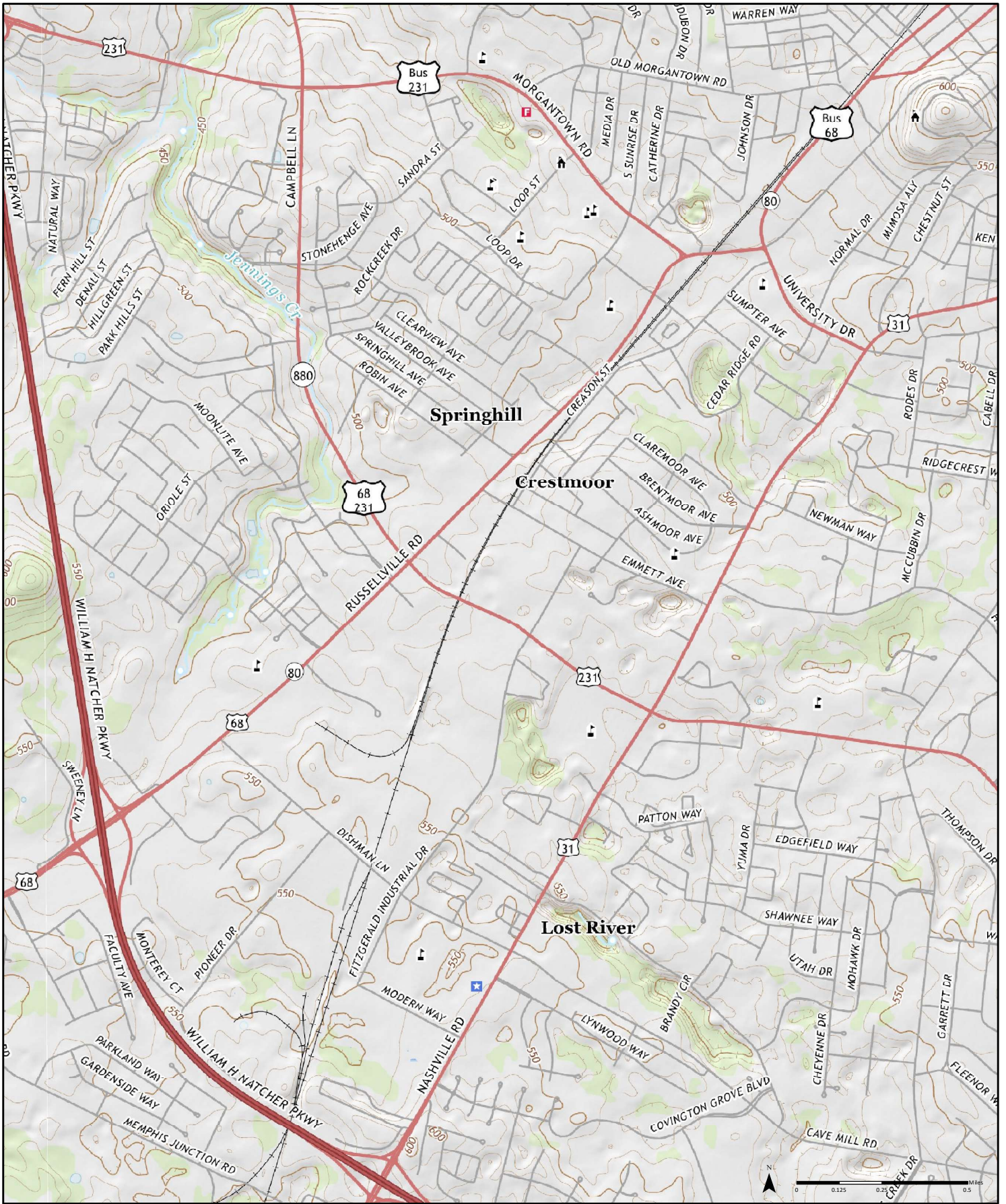
Available Quadrangle(s): Bowling Green South, KY
 Rockfield, KY



Source: USGS 7.5 Minute Topographic Map

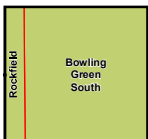
Figure 33 – 2019 Topographic Map

Source: ERIS



Order No. 24071700644

2019



Available Quadrangle(s): Bowling Green South, KY
Rockfield, KY





Source: USGS 7.5 Minute Topographic Map

**APPENDIX A -
SCOPE OF WORK AND USER QUESTIONAIRRE**



Proposal for Consulting Services

Project Number:	001395-0007.00	Proposal Name:	Environmental Site Assessment – Bowling Green, Kentucky						
Client:	AU Associates, Inc.								
Client Contact:	Brandon Shetler, Director of Development								
Site Location:	110 Campbell Lane, Bowling Green, Warren County, KY 42101								
Site Description:	2.4-acre tract identified as Parcel Three on the Barry Claypool and Associates, inc. Land Survey Drawing provided by the Client.								
Project:	ALL4 proposes to provide environmental consulting services to the Client. Specifically, ALL4 will perform a Phase I Environmental Site Assessment (ESA) and conduct a National Environmental Policy Act (NEPA) Desktop Review for the Site identified above.								
Proposed Cost:									
Cost Terms:	<p>The proposed cost is firm for 30 days. ALL4 will perform the scope of work described herein on a FIXED FEE basis in accordance with ALL4’s Standard Terms and Conditions which are attached. The Fixed Fee cost is a set price and cannot be changed unless it is mutually agreed that the scope of work has changed. ALL4 will submit invoices on the following schedule:</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Invoice Date</th> <th>Amount</th> </tr> </thead> <tbody> <tr> <td>Upon Client Authorization</td> <td></td> </tr> <tr> <td>Monthly Until Project Completion</td> <td></td> </tr> </tbody> </table>			Invoice Date	Amount	Upon Client Authorization		Monthly Until Project Completion	
Invoice Date	Amount								
Upon Client Authorization									
Monthly Until Project Completion									
Payment Terms:	Net 30 days								
Client Authorization:	<p>As required and in accordance with the Client company’s procurement policy, as authorization to proceed with the scope of work and cost described herein ALL4 will accept from the Client a purchase order*, a services agreement, a signature below or an email reply stating authorization to proceed.</p> <p><i>I am authorized to accept this proposal and agree to pay the cost for the work performed.</i></p> <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="text-align: center;">  _____ Client Signature </div> <div style="text-align: center;">  _____ Date </div> </div> <p>*Purchase Orders must display the Project Number listed above and be submitted by email to ap_ar@all4inc.com.</p>								
Scope of Work:	<p>Phase I ESA</p> <p>ALL4 will conduct a Phase I ESA of the Site identified above in general conformance with the American Society for Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process E1527-21 (ASTM E1527-21). ASTM E1527-21 is compliant with the “All Appropriate Inquiries” regulations found at 40 CFR Part 312 and is considered representative of good commercial and customary practice for a Phase I Environmental Site Assessment. The Phase I ESA will consist of a review of reasonably ascertainable public information; interviews of people having knowledge of the property and Site activities, Site history and adjacent property activities and, if necessary, adjacent property use; and reconnaissance performed during Site visit. ALL4 will complete the following subtasks:</p>								



Proposal for Consulting Services

Project Number:	001395-0007.00	Proposal Name:	Environmental Site Assessment – Bowling Green, Kentucky
<ul style="list-style-type: none"> • Submit a user questionnaire to the Client. • Perform Site reconnaissance to document potential recognized environmental conditions. • Perform a review of reasonably ascertainable public information. • Conduct interviews of people having knowledge of the property and Site activities. • Review Site history and adjacent property activities and, if necessary, adjacent property use. • Issue one electronic version of the Phase I ESA to the Client. <p><u>NEPA Desktop Review & Part 58 Environmental Checklist</u></p> <p>ALL4 will conduct a NEPA Desktop Review under applicable provisions of United States Department of Housing and Urban Development (HUD) regulations at 24 CFR Part 58.5 required for Community Development Block Grant (CDBG) fund approval. ALL4 will complete the following subtasks:</p> <ul style="list-style-type: none"> • Submit an information request to the Client. • Perform an environmental review according to the “Statutory Checklist and Worksheet for Compliance with CFR 58.5.” • Provide draft checklist to the Client for a single round of review and comment. • Incorporate comments as appropriate and provide the final checklist to the Client. 			
Assumptions and Exclusions:			
<ul style="list-style-type: none"> • Upon Client authorization, ALL4 will send a User of the Report Questionnaire describing the information required by the ASTM E1527-13 Standard to be provided by the User under the Phase I ESA task. This questionnaire should be completed and returned to ALL4 within five working days of receipt of the questionnaire. • Under the Phase I ESA task, the proposed scope of work does not include the following: <ul style="list-style-type: none"> ○ Review of available regulatory agency files that may indicate regional potential site contamination. ○ Environmental sampling and laboratory analysis. ○ Evaluation of the property for jurisdictional wetlands or floodplains; asbestos, radon, lead paint, or other health or safety concerns; biological agents, endangered species, ecological, cultural, or historic resources; environmental compliance; or providing estimated costs for addressing identified releases and threatened releases of hazardous substances or petroleum products on, at, in or to the subject property. ○ Environmental Noise Study (physical noise monitoring). ○ Endangered species habitat assessment or specific evaluation. ○ Preparation of Reliance Letters. • The Phase I ESA site reconnaissance subtask will be conducted within normal business hours (8:00 AM to 5:00 PM) and be completed within one business day. • The Client will provide ALL4 with access to the Site property. There are no known buildings or structures located on the Site that require evaluation under this scope of work. If buildings or structures located on the Site property are subject to evaluation, the costs of this proposal will change. • Site maps or planning documents showing the property boundaries and planned property development will be provided by the Client. 			



Proposal for Consulting Services

Project Number:	001395-0007.00	Proposal Name:	Environmental Site Assessment – Bowling Green, Kentucky
Schedule:			
Milestone		Completion Date	
ALL4 provides User Questionnaire to Client/Property Owner		Upon authorization to proceed.	
Client/Property Owner Provides Documents (e.g., historical documents, previous Phase I's)		Within three working days from Client authorization to proceed.	
ALL4 Conducts Phase I Site Reconnaissance		Within 5-7 working days from authorization to proceed	
ALL4 Issues Final Phase I Report, NEPA Report and Environmental Review Checklist		Within 20-30 working days from site visit.	
ALL4 Project Manager:	Kevin M. Chaplin, Sr. Managing Consultant kchaplin@all4inc.com (502) 254-0670	Proposal Date:	July 15, 2024



1.0 Acceptance

This Proposal constitutes an offer by ALL4 LLC ("ALL4") to provide the services and/or products to CLIENT upon the terms and conditions stated herein and is not binding nor an obligation by Provider to provide such services and/or products so proposed until it is accepted by CLIENT. CLIENT will be deemed to have accepted this Proposal, of which these Terms and Conditions are an integral part, when it (a) indicates its written acceptance on the face hereof or other written confirmation, including but not limited to written confirmation via email correspondence or (b) provides ALL4 with a purchase order, change order, or other similar written forms, documents, or instruments ("Order/Acceptance Documents") related to this Proposal, whichever occurs first. ALL4 may withdraw this Proposal at any time prior to acceptance by CLIENT.

This Proposal, together with these Terms and Conditions and the documents attached hereto, if any, incorporated herein by reference or referencing this Proposal, shall constitute the final and complete agreement of the parties (herein after referred to as the "Agreement") and may not be modified or rescinded unless agreed to in writing by ALL4's and/or CLIENT's authorized representative. No terms stated by CLIENT in its Order/Acceptance Documents in accepting or acknowledging this Proposal and/or Agreement shall be binding on ALL4, and CLIENT is hereby notified of ALL4's objection to and rejection of any additional or different terms in CLIENT's Order/Acceptance Documents. The parties further agree that this Agreement, when used by the parties to place orders for services and/or products in conjunction with or pursuant to a written contract, shall be construed to supplement the terms of such written contract to the extent that the terms of this Agreement are not inconsistent with such written contract. This Agreement shall continue in effect until the services are completed and/or products are delivered and full payment for the services and/or products is rendered in accordance with this Agreement, or this Agreement is terminated in accordance herein or by mutual agreement between the parties.

2.0 Performance of Service

ALL4 shall perform the services proposed in this Agreement expeditiously and with the level of skill and care exercised by other professional consultants in the same locale, who are recognized by their peers, knowledgeable and skilled in performing services of the type and scope of those proposed. The services will be performed on behalf of CLIENT, for the exclusive use of CLIENT.

To the extent permitted by law, CLIENT agrees to indemnify ALL4, its affiliates, and their respective officers, directors, members, shareholders, employees, agents, assigns and successors ("Indemnified Party"), and shall hold them harmless against losses, liabilities, damages, costs or expenses (including reasonable attorneys' fees) resulting from a third party claim, arising out of or alleged to have arisen out of, (a) errors, omissions and inaccuracies in documents and information provided to ALL4 by CLIENT or CLIENT's agents or employees, (b) CLIENT's breach of its obligations under this Agreement, or (c) bodily injury, death or property damage caused by CLIENT. The Indemnified Party agrees to give prompt written notice to CLIENT of any such claim; provided, that any delay in furnishing such notice shall not discharge CLIENT from its indemnification obligation hereunder, except to the extent such delay results in actual prejudice to CLIENT. CLIENT shall undertake and conduct the defense of any claim so brought and shall keep the Indemnified Party advised of the progress of any such claim, and the Indemnified Party shall have the right to participate in such claim at its own expense. If CLIENT shall fail to take timely action to defend any such claim then the Indemnified Party may defend such claim at CLIENT's expense. CLIENT shall not have the right to settle, compromise, or otherwise enter into any agreement regarding the disposition of any claim without the Indemnified Party's prior written consent, which may not be unreasonably withheld, except for a claim solely for monetary damages.

3.0 Compensation

ALL4 will submit invoices monthly or on a schedule stipulated in ALL4's Proposal for the services and/or products provided under this Agreement or as otherwise mutually agreed. CLIENT shall compensate ALL4 for the fixed fee cost or actual time-based professional fees, subconsultant fees, subcontractor fees, materials and expenses, as presented in the Proposal. Payment of the invoices shall be made by CLIENT within the payment term presented in the Proposal. ALL4 reserves the right to assess an interest penalty for payments not received within the payment term presented in the Proposal. All payments under this Agreement shall be made either via electronic means or via check payable to ALL4 LLC at 2393 Kimberton Road, P.O. Box 299, Kimberton, PA, 19442 to the attention of: Accounts Receivable. If CLIENT elects to make payment via credit or procurement card whereby ALL4 is assessed a payment processing fee, CLIENT shall be responsible for paying or reimbursing ALL4 for such fee(s).

4.0 Confidentiality

In the event that either party determines that it is necessary to provide confidential, proprietary, or trade secret information to the other party with respect to the services performed under this Agreement, such disclosure will be made only after advance written notice, and only under the terms of a separate non-disclosure and confidentiality agreement.

5.0 Force Majeure

Neither party shall be liable for any failure or delay in performance of its obligations under this Agreement to the extent such failure or delay is due to circumstances beyond its reasonable control, including, without limitation, acts of God, acts



Standard Terms and Conditions

of a public enemy, fire, flood, war, civil disturbance, sabotage, accident, insurrection, blockade, embargo, storm, explosion, labor disputes (whether or not the employees' demands are reasonable and within the party's power to satisfy), acts of any governmental body, pandemic, epidemic, failure or delay of third parties or governmental bodies from whom a party is obtaining or must obtain approvals, authorizations, licenses, franchises or permits, or inability to obtain labor, materials, equipment or transportation (collectively referred to herein as "Force Majeure"). Each party shall use its reasonable efforts to minimize the duration and consequences of any failure of, or delay in, performance resulting from a Force Majeure event.

6.0 Excusable Delay

To the extent that any significant delay in ALL4's ability to provide the services and/or products under this Agreement is caused by an act or omission on the part of CLIENT or any of its agents who are performing work in connection with this Agreement, an adjustment shall be made to the performance schedule and to the price provisions of this Agreement to reflect any reasonable additional costs that are incurred by ALL4 due to such delay, unless such delay by CLIENT or its agents results from causes beyond its reasonable control under the provisions of Section 5.0 of this Agreement. If ALL4 is permanently and completely prevented from completing performance of its obligations by such events, ALL4 shall be excused from any such performance. All amounts previously paid to ALL4 and all additional amounts due for work completed up to the date of such event shall be paid by CLIENT and shall belong to ALL4.

7.0 Termination

Either party may terminate this Agreement for any reason upon 30 days written notice to the other party. Termination under this Section will not affect payment obligations incurred under this Agreement for services performed and/or products delivered prior to the effective date of termination, and for any costs incurred, including without limitation commitments to purchase products or services from third parties which were entered into by ALL4 in the course of performance hereunder prior to the effective date of termination. Such reimbursable costs may include, but are not limited to, cancellation fees, and non-refundable charges or fees for third party products or services. Upon termination of this Agreement, each party shall promptly return to the other any and all personal property of the other held by such party; provided that if, and so long as, any fees required to be paid by CLIENT to ALL4 have not been paid, then ALL4 shall have a lien on such property, to the extent of the amounts unpaid by CLIENT.

8.0 Deliverables

All deliverables, including, but not limited to, any and all reports, drawings, plans, designs and specifications prepared by ALL4 for this project shall become CLIENT's property upon final payment to ALL4. ALL4 shall retain copies of all deliverables for its files.

9.0 Insurance

ALL4 agrees to maintain workers compensation and employer's liability, commercial general liability, automobile liability, professional liability, excess/umbrella liability, and cyber liability insurance coverage as listed below and to provide certificates of insurance evidencing such policies to CLIENT upon request. ALL4 will obtain additional insurance coverage upon the request of CLIENT as is generally available; provided, however, that the cost to purchase, administer and otherwise maintain such insurance shall be paid by CLIENT to ALL4 as a change in the scope of services.

Type of Insurance	Limits on Liability
Workers Compensation [^]	Statutory Worker's Compensation
Employer's Liability [^]	\$1,000,000 – each accident for bodily injury by accident
	\$1,000,000 – each employee for bodily injury by disease
Commercial General Liability [^]	\$1,000,000 – policy limit for bodily injury by disease
	\$2,000,000 – general aggregate limit
	\$2,000,000 – products & completed operations, aggregate limit
	\$1,000,000 – products & completed operations, each occurrence
	\$1,000,000 – personal and advertising injury limit
Automobile Liability [^]	\$25,000 – medical expense, any one person
	\$1,000,000 – each accident
Professional Liability [^]	\$1,000,000 – each claim
	\$2,000,000 – annual aggregate limit
Excess/Umbrella Liability	\$5,000,000 – each claim
	\$5,000,000 – annual aggregate limit
Cyber Liability	\$2,000,000 – each claim
	\$2,000,000 – annual aggregate limit

[^]Excess/Umbrella Liability insurance provides additional limits of coverage over Workers Compensation, Employer's Liability, Commercial General Liability, Automobile Liability, and Professional Liability insurances.



10.0 Legal Costs

In the event that legal action is brought by either party against the other, the successful party shall be entitled to recover, as part of its damages, its reasonable legal costs and expenses for bringing and maintaining any such action.

In connection with any court, administrative or other legal proceedings with a third party, arising from or relating to services provided or products delivered under this Agreement, regardless of whether or not ALL4 is subpoenaed to appear at such proceedings by CLIENT or any third party, CLIENT shall be responsible for and pay ALL4 (a) for external legal costs, including for ALL4's attorneys fees, incurred by ALL4 and (b) for all time spent by ALL4 employees at its prevailing rates.

11.0 Limitation on Liability

ALL4 shall rely upon CLIENT-provided information and documents and ALL4 assumes no responsibility or liability for inaccurate or incomplete data. Furthermore, ALL4 may utilize third-party software, cloud services, and tools in the provision of its services. ALL4 hereby disclaims all warranties, expressed or implied, including but not limited to the implied warranties of merchantability, compliance with regulations and fitness for a particular purpose. ALL4 shall have no liability beyond the aggregate amounts paid to ALL4 if such liability arises out of a particular project or under this Agreement, or if the damage is covered by insurance, beyond the limits of the applicable insurance coverage; and any liability hereunder shall extend solely to CLIENT and not to any other person or entity. ALL4 shall not be responsible or liable for any indirect, incidental, consequential, special, punitive or exemplary damages arising out of such services or this Agreement, including arising out of or in connection with the use or performance of any third-party solutions, including, without limitation, damages for loss of profits, loss of data, business interruption, or any other commercial damages or losses, even if CLIENT has been advised of the possibility of such damages, and whether such damages are suffered by CLIENT, any customer of CLIENT, or any other third party.

ALL4 does not endorse, guarantee, or assume any responsibility for the performance, functionality, or content of any third-party software, cloud services, or tools. Except as expressly set forth in this Agreement, ALL4 makes no warranties, whether express, implied, statutory, or otherwise, concerning any third-party solutions. CLIENT acknowledges that ALL4's reliance on third-party solutions is inherent in the nature of its services, and CLIENT agrees that the limitations of liability set forth in this section shall survive and continue in full force and effect despite any failure of consideration or of an exclusive remedy.

The parties acknowledge that the prices have been set and the Agreement entered into in reliance upon these limitations of liability, and that all such limitations form an essential basis of the bargain between the parties.

Notwithstanding the foregoing, any claim for employee injury or death resulting from the negligent or improper installation or operation of ALL4's services and/or products shall be a covered claim under the Employer's Liability and Commercial General Liability insurance referenced in Section 9.0 above, subject to the terms and conditions of said policies.

12.0 Entire Agreement

This Proposal, together with these Terms and Conditions and the documents attached hereto, if any, incorporated herein by reference or referencing this Proposal, shall constitute the final and complete Agreement of the parties and supersedes any and all prior agreements, whether written or oral, that may exist between the parties regarding the services and/or products.

13.0 Health and Safety

CLIENT shall be responsible for maintaining a safe site for ALL4, its subconsultants, subcontractors, suppliers, and agents. ALL4 shall not be responsible for the actions or the health and safety of CLIENT and its representatives or third parties at the site. ALL4 maintains its own corporate health and safety plan. Any site-specific health and safety requirements in addition to this plan must be identified in writing prior to commencement of the services provided by ALL4. Any requirements in addition to the ALL4 health and safety plan (including training, drug testing, special personnel protection, etc.) will be provided as a change in scope of services and cost.

14.0 Successors

This Agreement shall be binding upon the parties and their respective successors and assigns. ALL4 may employ such independent subconsultants, associates and subcontractors as it deems appropriate. Nothing in this Agreement shall be construed to give any rights or benefits to anyone other than the parties.

**ASTM E1527-21 ENVIRONMENTAL SITE ASSESSMENT
USER QUESTIONNAIRE**

A.	Property Identity/Name:	Campbell View
B.	Property Address:	110 Campbell Ln. Bowling Green, KY 42101
C.	Property Owner:	Joan Miller
D.	Property Occupants:	N/A
E.	Contact Person(s) and Phone #(s):	Vinny Paiva 859.351.4571
F.	General Description of Property with Land Acreage and Building(s) size:	2.41 Acres – Vacant Land
G.	Preparer(s):	Vinny Paiva
H.	Date Completed:	7/19/24

According to ASTM E1527-21, the User should provide answers to the following questions to the extent of his or her actual knowledge. Failure to do so or conduct the referenced inquiries could result in a determination that “all appropriate inquiries” is not complete. Use the Comments section at the end of this document to provide any additional supporting information.

#	Question	Yes	No
1	Did a search of recorded land title records (or judicial records where appropriate) identify any environmental liens filed or recorded against the property under federal, tribal, state or local law? Are you aware of any environmental clean-up liens filed against the property due to the presence of hazardous substances or petroleum products on the property? If yes, please identify and describe.		X

#	Question	Yes	No
2	Did a search of recorded land title records (or judicial records where appropriate) identify any land activity and use limitations , such as engineering controls, land use restrictions or institutional controls that are in place at the property and/or have been filed or recorded against the property under federal, tribal, state or local law? Are you aware of any deed restrictions controlling the use of the property due to the presence of hazardous substances or petroleum products on the property? If yes, please identify and describe.		x
3	Do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business? If yes, please identify and describe.		x
4	Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property? If yes, please identify and describe.	x	
5	Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For each item below, identify If yes, please identify and describe. (a.) Do you know the past uses of the property? (b.) Do you know of specific chemicals that are present or once were present at the property? (c.) Do you know of spills or other chemical releases that have taken place at the property? (d.) Do you know of any environmental cleanups that have taken place at the property? (e.) Are you aware of any past, threatened or pending lawsuits or administrative proceedings concerning a release or threatened release of any hazardous substances or petroleum products on the property? (f.) Are you aware of any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products?		x
6	Based on your knowledge and experience related to the property, are there any obvious indicators that point to the presence or likely presence of releases at the property? If yes, please identify and describe.		x
7	Has a chain of title been completed for the property that extends back in time prior to any site development and <u>at least before 1940</u> ? If so, please provide a copy. If not, this will need to be completed and provided to ALL4 for review and inclusion in the environmental site assessment report.		

#	Question	Yes	No
8	Are you aware of any prior Environmental Studies or Reports regarding the property? If yes, please provide a copy.		x

COMMENTS SECTION

Question	Comments
1	
2	
3	
4	
5	
6	
7	

**APPENDIX B -
PHOTOLOG**



Photo 1

Comments: Subject property.



Photo 2

Comments: Subject property.



Photo 3

Comments: Subject property.



Photo 4

Comments: Subject property.



Photo 5

Comments: Subject property.



Photo 6

Comments: Subject property.



Photo 7
Comments: Subject property looking East.



Photo 8
Comments: Subject property looking North.



Photo 9

Comments: Subject property looking South.



Photo 10

Comments: Subject property looking Southeast.



Photo 11
Comments: Subject property looking Southwest.



Photo 12
Comments: Subject property looking West.



Photo 13

Comments: Fire hydrant on Southeast corner of subject property.



Photo 14

Comments: Sewer manhole along southern border of subject property.



Photo 15
Comments: Decommissioned electrical box on Southeast corner of subject property.



Photo 16
Comments: Representative stormwater culvert on subject property.

**APPENDIX C -
ENVIRONMENTAL DATABASE REPORT**



DATABASE REPORT

Project Property: *AU Associates Campbell Lane Phase I
110 Campbell Lane
Bowling Green KY 42101*

Project No: *001395-0007.00*

Report Type: *Database Report*

Order No: *24071700644*

Requested by: *ALL4 LLC*

Date Completed: *July 19, 2024*

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Notice: IMPORTANT LIMITATIONS and YOUR LIABILITY

Reliance on information in Report: This report DOES NOT replace a full Phase I Environmental Site Assessment but is solely intended to be used as database review of environmental records.

License for use of information in Report: No page of this report can be used without this cover page, this notice and the project property identifier. The information in Report(s) may not be modified or re-sold.

Your Liability for misuse: Using this Service and/or its reports in a manner contrary to this Notice or your agreement will be in breach of copyright and contract and ERIS may obtain damages for such mis-use, including damages caused to third parties, and gives ERIS the right to terminate your account, rescind your license to any previous reports and to bar you from future use of the Service.

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Executive Summary

Property Information:

Project Property: *AU Associates Campbell Lane Phase I
110 Campbell Lane Bowling Green KY 42101*

Project No: *001395-0007.00*

Coordinates:

Latitude: *36.96680456*
Longitude: *-86.47582844*
UTM Northing: *4,091,318.25*
UTM Easting: *546,659.17*
UTM Zone: *UTM Zone 16S*

Elevation: *540 FT*

Order Information:

Order No: *24071700644*
Date Requested: *July 17, 2024*
Requested by: *ALL4 LLC*
Report Type: *Database Report*

Historicals/Products:

Aerial Photographs *Historical Aerials (with Project Boundaries)*
City Directory Search *CD - 2 Street Search*
ERIS Xplorer [*ERIS Xplorer*](#)
Excel Add-On *Excel Add-On*
Fire Insurance Maps *US Fire Insurance Maps*
Physical Setting Report (PSR) *Physical Setting Report (PSR)*
Topographic Map *Topographic Maps*

Executive Summary: Report Summary

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
Standard Environmental Records								
Federal								
NPL	Y	1	0	0	0	0	0	0
PROPOSED NPL	Y	1	0	0	0	0	0	0
DELETED NPL	Y	0.5	0	0	0	0	-	0
SEMS	Y	0.5	0	0	0	1	-	1
SEMS ARCHIVE	Y	0.5	0	0	0	1	-	1
ODI	Y	0.5	0	0	0	0	-	0
CERCLIS	Y	0.5	0	0	0	1	-	1
IODI	Y	0.5	0	0	0	0	-	0
CERCLIS NFRAP	Y	0.5	0	0	0	1	-	1
CERCLIS LIENS	Y	PO	0	-	-	-	-	0
RCRA CORRACTS	Y	1	0	0	0	1	0	1
RCRA TSD	Y	0.5	0	0	0	0	-	0
RCRA LQG	Y	0.25	0	0	0	-	-	0
RCRA SQG	Y	0.25	0	0	1	-	-	1
RCRA VSQG	Y	0.25	0	0	0	-	-	0
RCRA NON GEN	Y	0.25	0	0	3	-	-	3
RCRA CONTROLS	Y	0.5	0	0	0	0	-	0
FED ENG	Y	0.5	0	0	0	0	-	0
FED INST	Y	0.5	0	0	0	0	-	0
LUCIS	Y	0.5	0	0	0	0	-	0
NPL IC	Y	0.5	0	0	0	0	-	0
ERNS 1982 TO 1986	Y	PO	0	-	-	-	-	0
ERNS 1987 TO 1989	Y	PO	0	-	-	-	-	0
ERNS	Y	PO	0	-	-	-	-	0
FED BROWNFIELDS	Y	0.5	0	0	0	0	-	0
FEMA UST	Y	0.25	0	0	0	-	-	0
FRP	Y	0.25	0	0	0	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
DELISTED FRP	Y	0.25	0	0	0	-	-	0
HIST GAS STATIONS	Y	0.25	0	0	0	-	-	0
REFN	Y	0.25	0	0	0	-	-	0
BULK TERMINAL	Y	0.25	0	0	0	-	-	0
SEMS LIEN	Y	PO	0	-	-	-	-	0
SUPERFUND ROD	Y	1	0	0	0	0	0	0
DOE FUSRAP	Y	1	0	0	0	0	0	0

State

BROWNFIELDS	Y	0.5	0	0	0	0	-	0
SHWS	Y	1	0	0	2	3	4	9
DELISTED SHWS	Y	1	0	0	0	0	0	0
SWF/LF	Y	0.5	0	0	0	0	-	0
HIST LANDFILL	Y	0.5	0	0	0	0	-	0
SB193	Y	0.5	0	0	0	0	-	0
PSTEAF	Y	0.5	0	0	0	3	-	3
UST	Y	0.25	0	1	2	-	-	3
SFM UST PERMIT	Y	0.25	0	0	0	-	-	0
SFM AST PERMIT	Y	0.25	0	0	0	-	-	0
SFM LPG PERMIT	Y	0.25	0	0	0	-	-	0
DELISTED STORAGE TANK	Y	0.25	0	0	0	-	-	0
ENG	Y	0.5	0	0	1	0	-	1
INST	Y	0.5	0	0	1	0	-	1
VCP	Y	0.5	0	0	0	0	-	0
BROWNFIELD INV	Y	0.5	0	0	0	0	-	0

Tribal

INDIAN LUST	Y	0.5	0	0	0	0	-	0
INDIAN UST	Y	0.25	0	0	0	-	-	0
DELISTED INDIAN LST	Y	0.5	0	0	0	0	-	0
DELISTED INDIAN UST	Y	0.25	0	0	0	-	-	0

County

No County standard environmental record sources available for this State.

Additional Environmental Records

Federal

PFAS GHG	Y	0.5	0	0	0	0	-	0
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Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
OSC RESPONSE	Y	0.125	0	0	-	-	-	0
FINDS/FRS	Y	PO	0	-	-	-	-	0
TRIS	Y	PO	0	-	-	-	-	0
PFAS NPL	Y	0.5	0	0	0	0	-	0
PFAS FED SITES	Y	0.5	0	0	0	0	-	0
PFAS SSEHRI	Y	0.5	0	0	0	0	-	0
ERNS PFAS	Y	0.5	0	0	0	0	-	0
PFAS NPDES	Y	0.5	0	0	0	0	-	0
PFAS TRI	Y	0.5	0	0	1	1	-	2
PFAS WATER	Y	0.5	0	0	0	0	-	0
PFAS TSCA	Y	0.5	0	0	0	0	-	0
PFAS E-MANIFEST	Y	0.5	0	0	0	0	-	0
PFAS IND	Y	0.5	0	0	2	1	-	3
HMIRS	Y	0.125	0	0	-	-	-	0
NCDL	Y	0.125	0	0	-	-	-	0
TSCA	Y	0.125	0	0	-	-	-	0
HIST TSCA	Y	0.125	0	0	-	-	-	0
FTTS ADMIN	Y	PO	0	-	-	-	-	0
FTTS INSP	Y	PO	0	-	-	-	-	0
PRP	Y	PO	0	-	-	-	-	0
SCRD DRYCLEANER	Y	0.5	0	0	0	0	-	0
ICIS	Y	PO	0	-	-	-	-	0
FED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED FED DRY	Y	0.25	0	0	0	-	-	0
FUDS	Y	1	0	0	0	0	0	0
FUDS MRS	Y	1	0	0	0	0	0	0
FORMER NIKE	Y	1	0	0	0	0	0	0
PIPELINE INCIDENT	Y	PO	0	-	-	-	-	0
MLTS	Y	PO	0	-	-	-	-	0
HIST MLTS	Y	PO	0	-	-	-	-	0
MINES	Y	0.25	0	0	0	-	-	0
SMCRA	Y	1	0	0	0	0	0	0
MRDS	Y	1	0	0	0	0	0	0
LM SITES	Y	1	0	0	0	0	0	0
ALT FUELS	Y	0.25	0	0	0	-	-	0

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
<u>1</u>	SPILLS	Millers Bottled Gas	Millers Bottled Gas 110 Campbell Lane Bowling Green KY <i>INC ID Status: 2380941 Env. Closed</i>	ESE	0.00 / 0.00	0	<u>22</u>
<u>2</u>	SPILLS	Miller's Bottled Gas	Campbell Lane, Bowling Green Bowling Green KY <i>INC ID Status: 2335577 Env. Closed</i>	SE	0.00 / 0.00	-2	<u>22</u>

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
3	UST	Abf Freight System	2352 Russellville Rd Bowling Green KY 42101 <i>AI ID: 63923</i>	WNW	0.08 / 407.55	-21	22
4	SPILLS	Bowling Green Municipal Utilities (AI ID: 4100)	2435 Industrial Drive Bowling Green KY <i>INC ID Status: 2289688 Env. Closed</i>	ENE	0.08 / 426.99	1	24
5	SPILLS	Minton Mobile Home Park (MHP) Demolition (AI ID: 130533)	House/Multiple Trailers, 2340 Russellville Road, Bowling Green, KY 42101 (Warren County) Bowling Green KY <i>INC ID Status: 2412342 Initiated</i>	NW	0.10 / 526.06	-19	24
5	SPILLS	Mirsad & Fahrudin Alic	Property at 2340 Russellville Road, Bowling Green, KY 42101 Bowling Green KY <i>INC ID Status: 2426262 Initiated</i>	NW	0.10 / 526.06	-19	24
6	RCRA NON GEN	DETREX CORPORATION	325 EMMETT AVENUE BOWLING GREEN KY 42101 <i>EPA Handler ID: KYD006368112</i>	NNE	0.14 / 755.06	-10	25
6	INST	Parts Cleaning Technologies LLC	325 Emmett Drive Bowling Green KY 42101	NNE	0.14 / 755.06	-10	29
6	ENG	Parts Cleaning Technologies LLC	325 Emmett Drive Bowling Green KY 42101	NNE	0.14 / 755.06	-10	29
6	PFAS TRI	EAGLE WIRE CO INC	325 EMMETT AVE BOWLING GREEN KY 421017067	NNE	0.14 / 755.06	-10	30
7	RCRA SQG	PARTS CLEANING TECHNOLOGIES	307 EMMETT AVE BOWLING GREEN KY 42101 <i>EPA Handler ID: KYD985114214</i>	N	0.14 / 764.23	-13	31
7	SHWS	Parts Cleaning Technologies LLC	307 Emmett Ave Bowling Green KY 42101	N	0.14 / 764.23	-13	64
8	RCRA NON GEN	FARR MANUFACTURING & ENGINEERING	401 EMMETT AVE BOWLING GREEN KY 42101 <i>EPA Handler ID: KY0000382390</i>	ENE	0.19 / 990.34	0	65

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
9	UST	Mid South Industrial Park	107 Emmett Ave Bowling Green KY 42101 <i>AI ID: 69186</i>	N	0.24 / 1,250.16	-22	72
10	PFAS IND	PARTS CLEANING TECHNOLOGIES	BOWLING GREEN KY	NNE	0.24 / 1,251.08	-18	72
11	PFAS IND	KENTUCKY MICRO FINISHING INCORPORATED	BOWLING GREEN KY	S	0.24 / 1,251.54	5	73
12	UST	Southern States Bowling Green Co	224 Emmett Ave Bowling Green KY 42101 <i>AI ID: 64637</i>	N	0.25 / 1,308.47	-23	74
13	RCRA NON GEN	DESA HEATING LLC	2701 INDUSTRIAL DR BOWLING GREEN KY 42102 <i>EPA Handler ID: KYD041980764</i>	SW	0.25 / 1,315.55	-2	78
13	SHWS	Desa US LLC	2701 Industry Dr Bowling Green KY 42101	SW	0.25 / 1,315.55	-2	92
14	CERCLIS	DETREX CHEMICAL INDUSTRIES, INC.	121 EAST EMMET DR. BOWLING GREEN KY 42101 <i>Site EPA ID: KYD006368112</i>	N	0.25 / 1,329.54	-22	93
14	CERCLIS NFRAP	DETREX CHEMICAL INDUSTRIES, INC.	121 EAST EMMET DR. BOWLING GREEN KY 42101 <i>Site EPA ID: KYD006368112</i>	N	0.25 / 1,329.54	-22	94
14	SEMS ARCHIVE	DETREX CHEMICAL INDUSTRIES, INC.	121 EAST EMMET DR. BOWLING GREEN KY 42101 <i>EPA ID: KYD006368112</i>	N	0.25 / 1,329.54	-22	96
15	PFAS IND	EATON CORP BOWLING GREEN PLT	BOWLING GREEN KY	S	0.30 / 1,570.44	-2	96
16	RCRA CORRACTS	EATON CORPORATION	2901 INDUSTRIAL DRIVE BOWLING GREEN KY 42101 <i>EPA Handler ID: KYD098950306</i>	S	0.30 / 1,571.04	-2	97
16	SHWS	Sun Products	2901 Industrial Dr Bowling Green KY 421019002	S	0.30 / 1,571.04	-2	104
16	SHWS	Eaton Corp	2901 Industrial Dr Bowling Green KY 42101	S	0.30 / 1,571.04	-2	105

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
16	SEMS	EATON CORP BOWLING GREEN PLT	2901 IND DR BOWLING GREEN KY 42101 <i>EPA ID: KYD098950306</i>	S	0.30 / 1,571.04	-2	106
16	PFAS TRI	EATON CORP	2901 INDUSTRIAL DR BOWLING GREEN KY 42102	S	0.30 / 1,571.04	-2	107
17	PSTEAF	Quick Stop	2135 Russellville Rd Bowling Green KY 42101	N	0.40 / 2,087.19	-43	108
18	PSTEAF	Speedway #5462	2401 Nashville Rd Bowling Green KY 421014030 <i>UST Tank ID Rank: 4679114 Pending</i>	ESE	0.41 / 2,147.72	-27	109
19	SHWS	Oulay Property	562 Lost Circle Apt B Bowling Green KY 42101	S	0.47 / 2,493.82	-10	109
20	PSTEAF	Chuckles #35	2301 Nashville Rd Bowling Green KY 42101 <i>UST Tank ID Rank: 1952114 Pending</i>	E	0.48 / 2,549.66	-7	110
21	SHWS	Hunky Dory LLC Property	554-A Lost Woods Dr Bowling Green KY 42101	SSE	0.55 / 2,907.07	-7	110
22	SHWS	Southeastern Freight Lines	2570 Russellville Rd Bowling Green KY 42101	WSW	0.64 / 3,360.78	-19	110
23	SHWS	Springhill Quarry	Gatewood Ave Bowling Green KY 42101	NE	0.65 / 3,428.14	-31	111
24	SHWS	KB Family Property	2721 Nashville Rd #53 Bowling Green KY 42101	SSE	0.69 / 3,640.03	0	112

Executive Summary: Summary by Data Source

Standard

Federal

SEMS - SEMS List 8R Active Site Inventory

A search of the SEMS database, dated Mar 27, 2024 has found that there are 1 SEMS site(s) within approximately 0.50miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
EATON CORP BOWLING GREEN PLT	2901 IND DR BOWLING GREEN KY 42101	S	0.30 / 1,571.04	16
<i>EPA ID: KYD098950306</i>				

SEMS ARCHIVE - SEMS List 8R Archive Sites

A search of the SEMS ARCHIVE database, dated Mar 27, 2024 has found that there are 1 SEMS ARCHIVE site(s) within approximately 0.50miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
DETREX CHEMICAL INDUSTRIES, INC.	121 EAST EMMET DR. BOWLING GREEN KY 42101	N	0.25 / 1,329.54	14
<i>EPA ID: KYD006368112</i>				

CERCLIS - Comprehensive Environmental Response, Compensation and Liability Information System - CERCLIS

A search of the CERCLIS database, dated Oct 25, 2013 has found that there are 1 CERCLIS site(s) within approximately 0.50miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
DETREX CHEMICAL INDUSTRIES, INC.	121 EAST EMMET DR. BOWLING GREEN KY 42101	N	0.25 / 1,329.54	14
<i>Site EPA ID: KYD006368112</i>				

CERCLIS NFRAP - CERCLIS - No Further Remedial Action Planned

A search of the CERCLIS NFRAP database, dated Oct 25, 2013 has found that there are 1 CERCLIS NFRAP site(s) within approximately 0.50miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
DETREX CHEMICAL INDUSTRIES, INC.	121 EAST EMMET DR. BOWLING GREEN KY 42101	N	0.25 / 1,329.54	14
<i>Site EPA ID: KYD006368112</i>				

RCRA CORRACTS - RCRA CORRACTS-Corrective Action

A search of the RCRA CORRACTS database, dated Apr 8, 2024 has found that there are 1 RCRA CORRACTS site(s) within approximately 1.00miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
EATON CORPORATION	2901 INDUSTRIAL DRIVE BOWLING GREEN KY 42101	S	0.30 / 1,571.04	16
<i>EPA Handler ID: KYD098950306</i>				

RCRA SQG - RCRA Small Quantity Generators List

A search of the RCRA SQG database, dated Apr 8, 2024 has found that there are 1 RCRA SQG site(s) within approximately 0.25miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
PARTS CLEANING TECHNOLOGIES	307 EMMETT AVE BOWLING GREEN KY 42101	N	0.14 / 764.23	7
<i>EPA Handler ID: KYD985114214</i>				

RCRA NON GEN - RCRA Non-Generators

A search of the RCRA NON GEN database, dated Apr 8, 2024 has found that there are 3 RCRA NON GEN site(s) within approximately 0.25miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
FARR MANUFACTURING & ENGINEERING	401 EMMETT AVE BOWLING GREEN KY 42101	ENE	0.19 / 990.34	8
<i>EPA Handler ID: KY0000382390</i>				

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
DETRIX CORPORATION	325 EMMETT AVENUE BOWLING GREEN KY 42101	NNE	0.14 / 755.06	6
<i>EPA Handler ID: KYD006368112</i>				

DESA HEATING LLC	2701 INDUSTRIAL DR BOWLING GREEN KY 42102	SW	0.25 / 1,315.55	13
<i>EPA Handler ID: KYD041980764</i>				

State

SHWS - State Leads Priority List

A search of the SHWS database, dated May 17, 2024 has found that there are 9 SHWS site(s) within approximately 1.00miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
KB Family Property	2721 Nashville Rd #53 Bowling Green KY 42101	SSE	0.69 / 3,640.03	24

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Parts Cleaning Technologies LLC	307 Emmett Ave Bowling Green KY 42101	N	0.14 / 764.23	7

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Desa US LLC	2701 Industry Dr Bowling Green KY 42101	SW	0.25 / 1,315.55	13
Eaton Corp	2901 Industrial Dr Bowling Green KY 42101	S	0.30 / 1,571.04	16
Sun Products	2901 Industrial Dr Bowling Green KY 421019002	S	0.30 / 1,571.04	16
Oulay Property	562 Lost Circle Apt B Bowling Green KY 42101	S	0.47 / 2,493.82	19
Hunky Dory LLC Property	554-A Lost Woods Dr Bowling Green KY 42101	SSE	0.55 / 2,907.07	21
Southeastern Freight Lines	2570 Russellville Rd Bowling Green KY 42101	WSW	0.64 / 3,360.78	22
Springhill Quarry	Gatewood Ave Bowling Green KY 42101	NE	0.65 / 3,428.14	23

PSTEAF - Ranking List for UST Facilities

A search of the PSTEAF database, dated May 6, 2024 has found that there are 3 PSTEAF site(s) within approximately 0.50miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Quick Stop	2135 Russellville Rd Bowling Green KY 42101	N	0.40 / 2,087.19	17
Speedway #5462	2401 Nashville Rd Bowling Green KY 421014030 <i>UST Tank ID Rank: 4679114 Pending</i>	ESE	0.41 / 2,147.72	18
Chuckles #35	2301 Nashville Rd Bowling Green KY 42101 <i>UST Tank ID Rank: 1952114 Pending</i>	E	0.48 / 2,549.66	20

UST - Underground Storage Tanks

A search of the UST database, dated May 6, 2024 has found that there are 3 UST site(s) within approximately 0.25miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Abf Freight System	2352 Russellville Rd Bowling Green KY 42101 <i>AI ID: 63923</i>	WNW	0.08 / 407.55	3
Mid South Industrial Park	107 Emmett Ave Bowling Green KY 42101 <i>AI ID: 69186</i>	N	0.24 / 1,250.16	9
Southern States Bowling Green Co	224 Emmett Ave Bowling Green KY 42101 <i>AI ID: 64637</i>	N	0.25 / 1,308.47	12

ENG - Sites with Engineering Controls

A search of the ENG database, dated May 17, 2024 has found that there are 1 ENG site(s) within approximately 0.50miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Parts Cleaning Technologies LLC	325 Emmett Drive Bowling Green KY 42101	NNE	0.14 / 755.06	6

INST - Sites with Institutional Controls

A search of the INST database, dated May 17, 2024 has found that there are 1 INST site(s) within approximately 0.50miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Parts Cleaning Technologies LLC	325 Emmett Drive Bowling Green KY 42101	NNE	0.14 / 755.06	6

Non Standard

Federal

PFAS TRI - Perfluorinated Alkyl Substances (PFAS) from Toxic Release Inventory

A search of the PFAS TRI database, dated Sep 20, 2023 has found that there are 2 PFAS TRI site(s) within approximately 0.50miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
EAGLE WIRE CO INC	325 EMMETT AVE BOWLING GREEN KY 421017067	NNE	0.14 / 755.06	6
EATON CORP	2901 INDUSTRIAL DR BOWLING GREEN KY 42102	S	0.30 / 1,571.04	16

PFAS IND - PFAS Industry Sectors

A search of the PFAS IND database, dated Jul 1, 2024 has found that there are 3 PFAS IND site(s) within approximately 0.50miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
KENTUCKY MICRO FINISHING INCORPORATED	BOWLING GREEN KY	S	0.24 / 1,251.54	11

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
PARTS CLEANING TECHNOLOGIES	BOWLING GREEN KY	NNE	0.24 / 1,251.08	10
EATON CORP BOWLING GREEN PLT	BOWLING GREEN KY	S	0.30 / 1,570.44	15

State

SPILLS - Incidents

A search of the SPILLS database, dated Jun 6, 2024 has found that there are 5 SPILLS site(s) within approximately 0.12miles of the project property.

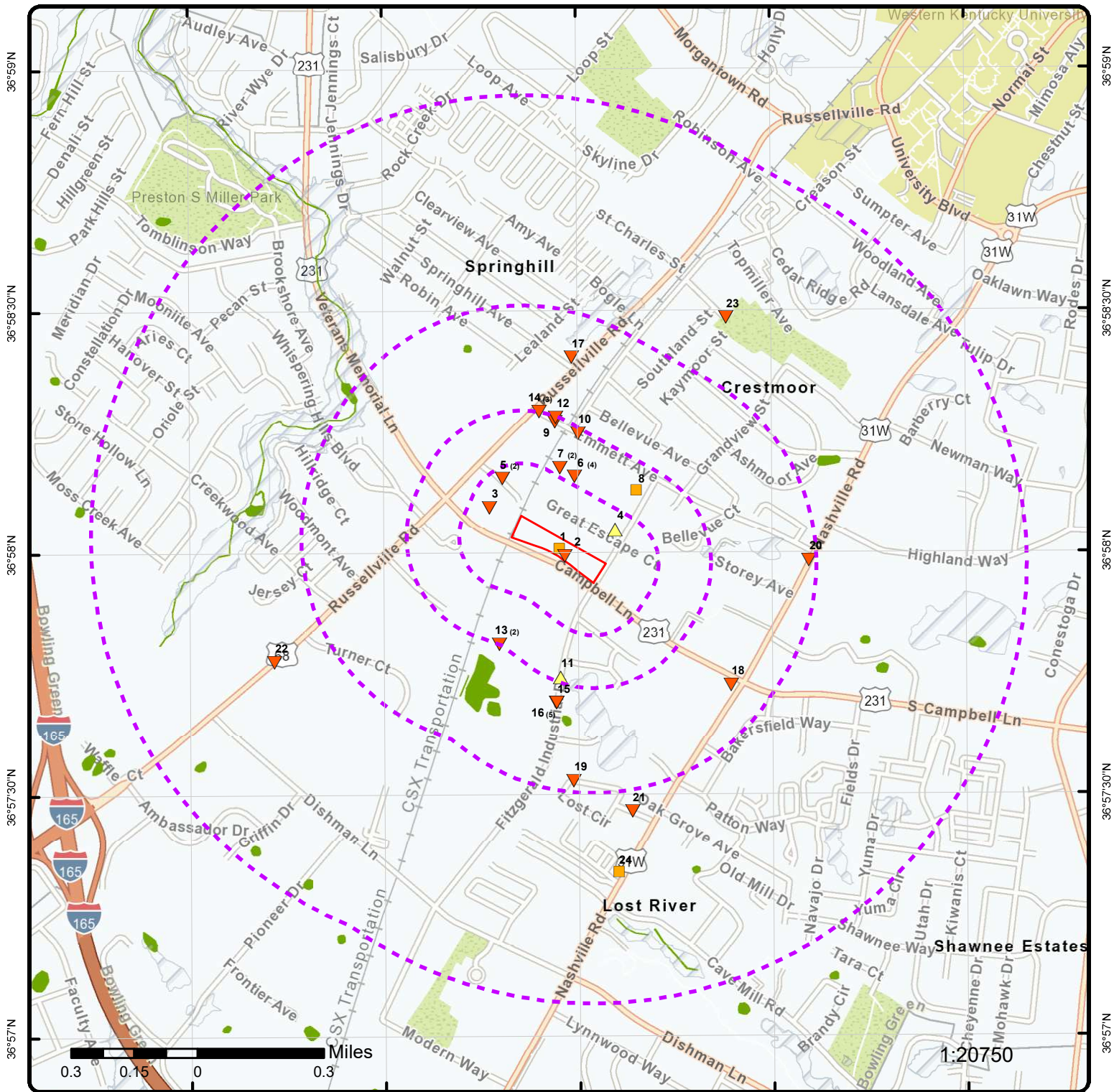
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Millers Bottled Gas	Millers Bottled Gas 110 Campbell Lane Bowling Green KY <i>INC ID Status: 2380941 Env. Closed</i>	ESE	0.00 / 0.00	1

Bowling Green Municipal Utilities (AI ID: 4100)	2435 Industrial Drive Bowling Green KY <i>INC ID Status: 2289688 Env. Closed</i>	ENE	0.08 / 426.99	4
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<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Miller's Bottled Gas	Campbell Lane, Bowling Green Bowling Green KY <i>INC ID Status: 2335577 Env. Closed</i>	SE	0.00 / 0.00	2

Mirsad & Fahrudin Alic	Property at 2340 Russellville Road, Bowling Green, KY 42101 Bowling Green KY <i>INC ID Status: 2426262 Initiated</i>	NW	0.10 / 526.06	5
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Minton Mobile Home Park (MHP) Demolition (AI ID: 130533)	House/Multiple Trailers, 2340 Russellville Road, Bowling Green, KY 42101 (Warren County) Bowling Green KY <i>INC ID Status: 2412342 Initiated</i>	NW	0.10 / 526.06	5
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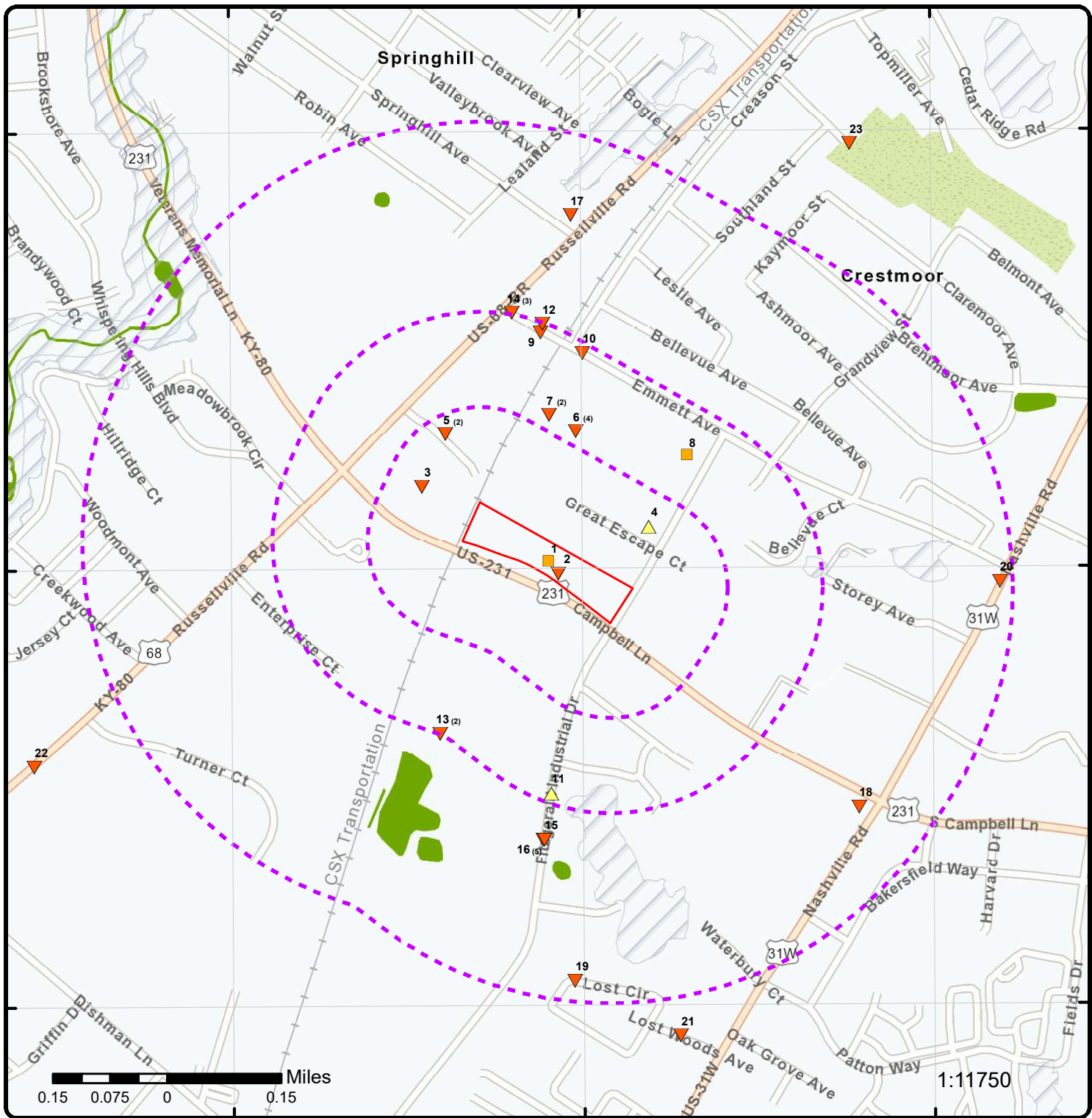


Map: 1.0 Mile Radius

Order Number: 24071700644
Address: 110 Campbell Lane, Bowling Green, KY



- Project Property
- Buffer Outline
- ▲ Sites with Higher Elevation
- Sites with Same Elevation
- ▼ Sites with Lower Elevation
- Sites with Unknown Elevation
- Areas with Higher Elevation
- Areas with Same Elevation
- Areas with Lower Elevation
- Areas with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major & Minor Arterial
- Traffic Circle; Ramp
- Local Road
- + Rail
- State
- Country
- National Wetland
- Indian Reserve Land
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- National Priorities List (Active, Delisted, Proposed, Institutional Control)

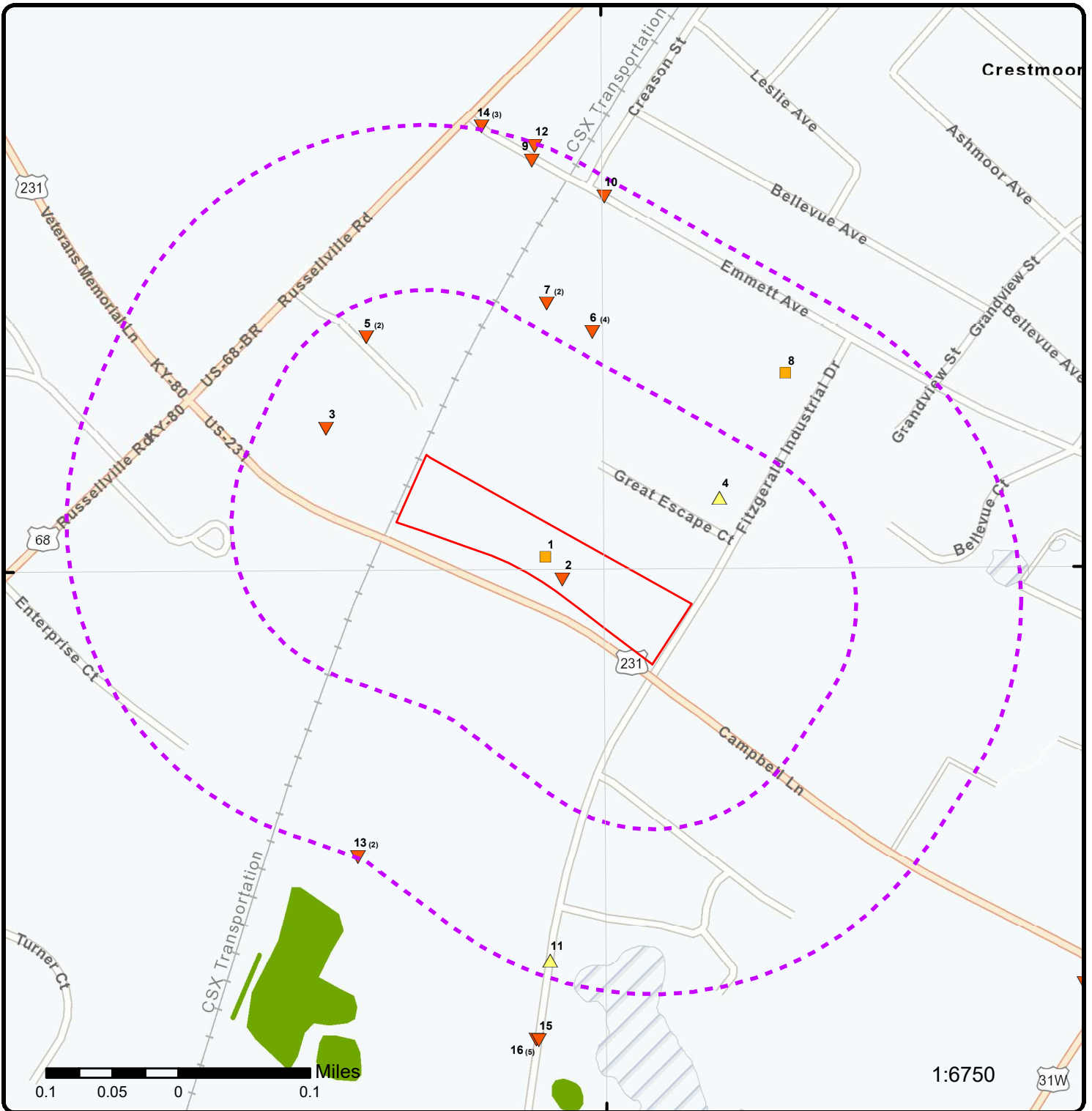


Map: 0.5 Mile Radius

Order Number: 24071700644
Address: 110 Campbell Lane, Bowling Green, KY



- Project Property
- Buffer Outline
- ▲ Sites with Higher Elevation
- ▲ Sites with Same Elevation
- ▲ Sites with Lower Elevation
- Sites with Unknown Elevation
- Areas with Higher Elevation
- Areas with Same Elevation
- Areas with Lower Elevation
- Areas with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major & Minor Arterial
- Traffic Circle; Ramp
- Local Road
- Rail
- State
- Country
- National Wetland
- Indian Reserve Land
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- National Priorities List (Active, Delisted, Proposed, Institutional Control)



Map: 0.25 Mile Radius

Order Number: 24071700644

Address: 110 Campbell Lane, Bowling Green, KY



Project Property

Buffer Outline

- ▲ Sites with Higher Elevation
- Sites with Same Elevation
- ▼ Sites with Lower Elevation
- Sites with Unknown Elevation
- ▭ Areas with Higher Elevation
- ▭ Areas with Same Elevation
- ▭ Areas with Lower Elevation
- ▭ Areas with Unknown Elevation

- Freeways; Highways
- Traffic Circle; Ramp
- Major & Minor Arterial
- Traffic Circle; Ramp
- Local Road
- Rail

- State
- Country
- National Wetland
- Indian Reserve Land
- 100 Year Flood Zone
- 500 Year Flood Zone

- FWS Special Designation Areas
- National Priorities List (Active, Delisted, Proposed, Institutional Control)



1:6750



86°29'W

86°28'30"W

86°28'W

36°58'30"N

36°58'30"N

36°58'N

36°58'N

36°57'30"N

36°57'30"N



Aerial Year: 2021

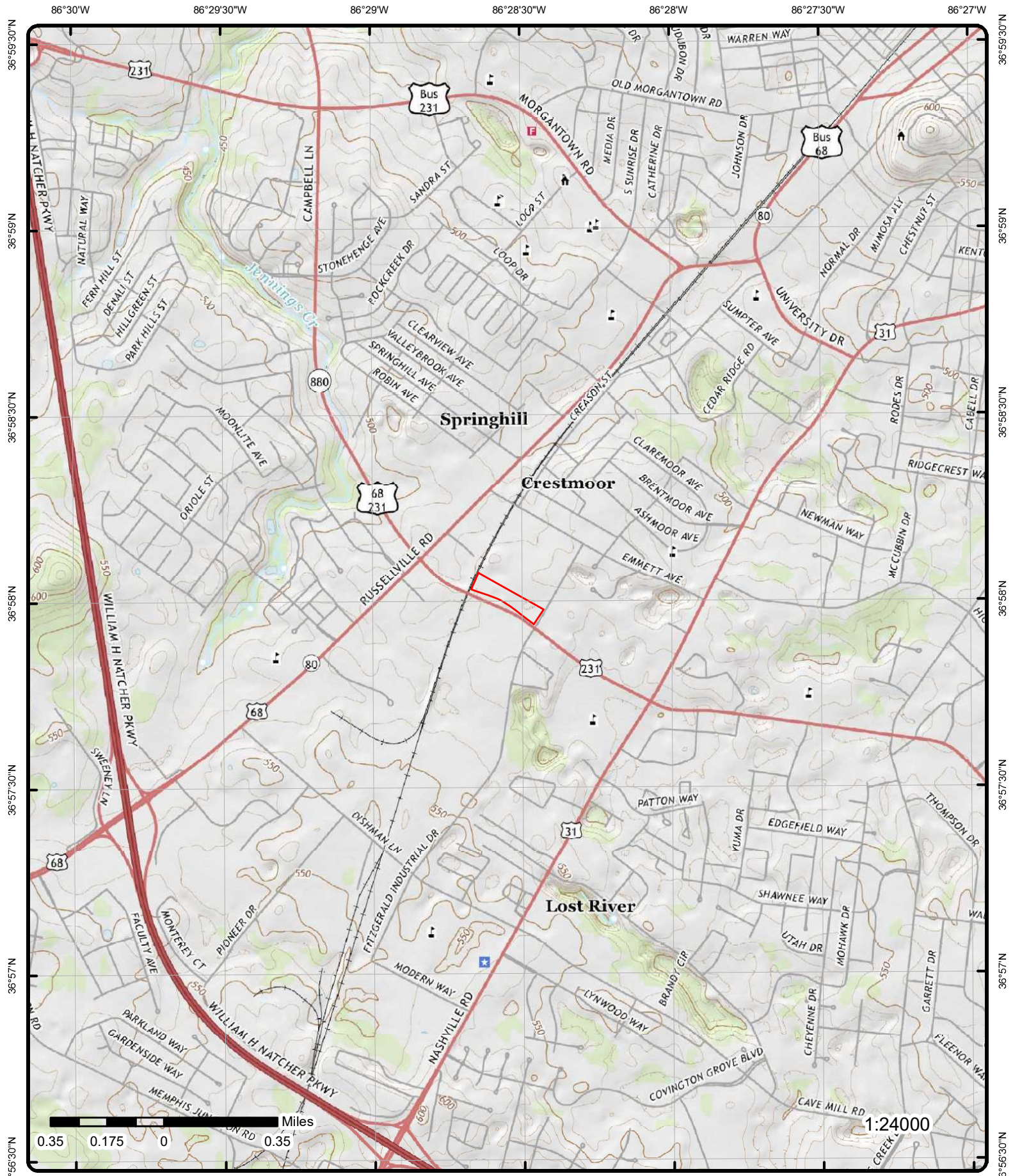
Address: 110 Campbell Lane, Bowling Green, KY

Source: ESRI World Imagery

Order Number: 24071700644



© ERIS Information Inc.



Topographic Map Year: 2019

Address: 110 Campbell Lane, KY

Quadrangle(s): Rockfield KY, Bowling Green South KY

Source: USGS Topographic Map

Order Number: 24071700644



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Detail Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB		
<u>1</u>	1 of 1	ESE	0.00 / 0.00	539.92 / 0	Millers Bottled Gas Millers Bottled Gas 110 Campbell Lane Bowling Green KY	SPILLS		
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> INC ID: 2380941 MARS Function Code: Status: Env. Closed Priority: Routine Program Code: 01 Program: Air Substances: Odor: Closure Type Desc: Env. Closed-No Action Necessary Incident End Date: 7/3/2014 Begin Emerg Dt: End Emerg Dt: Record Date: First Report Date: 7/2/2014 2:08:57 PM Completed: Yes Source: Millers Bottled Gas Incident Type S: ODOR Incident Desc: odor complaint in the vicinity of Millers bottled gas. Location Desc: Millers Bottled Gas 110 Campbell Lane Other Substance Desc: Z Coordinate Method Desc: Handheld GPS - Not Differentially Corrected </td> <td style="width: 50%; vertical-align: top;"> Notification: No Date: 7/2/2014 Lead Invest ID: 9652 Lead Investigator: Blacketer, Bill Flw Up Prior Desc: Routine Recen Cpl Eval Act: Recent ENF Act: Locked Flag: Yes Waterbody: Regional Office: Bowling Green Regional Office County: Warren Lat Dac Degrees: 36.96674 Long Dec Degrees: 86.47595 </td> </tr> </table>							INC ID: 2380941 MARS Function Code: Status: Env. Closed Priority: Routine Program Code: 01 Program: Air Substances: Odor: Closure Type Desc: Env. Closed-No Action Necessary Incident End Date: 7/3/2014 Begin Emerg Dt: End Emerg Dt: Record Date: First Report Date: 7/2/2014 2:08:57 PM Completed: Yes Source: Millers Bottled Gas Incident Type S: ODOR Incident Desc: odor complaint in the vicinity of Millers bottled gas. Location Desc: Millers Bottled Gas 110 Campbell Lane Other Substance Desc: Z Coordinate Method Desc: Handheld GPS - Not Differentially Corrected	Notification: No Date: 7/2/2014 Lead Invest ID: 9652 Lead Investigator: Blacketer, Bill Flw Up Prior Desc: Routine Recen Cpl Eval Act: Recent ENF Act: Locked Flag: Yes Waterbody: Regional Office: Bowling Green Regional Office County: Warren Lat Dac Degrees: 36.96674 Long Dec Degrees: 86.47595
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<u>2</u>	1 of 1	SE	0.00 / 0.00	537.94 / -2	Miller's Bottled Gas Campbell Lane, Bowling Green Bowling Green KY	SPILLS		
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> INC ID: 2335577 MARS Function Code: Status: Env. Closed Priority: Routine Program Code: 01 Program: Air Substances: Propane (Asphyxiant): Closure Type Desc: Env. Closed-No Action Necessary Incident End Date: 8/26/2011 Begin Emerg Dt: End Emerg Dt: Record Date: First Report Date: 8/25/2011 3:46:07 PM Completed: Yes Source: Miller's Bottled Gas Incident Type S: AIR RELEASE, FUGITIVE EMISSIONS Incident Desc: Propane smell from Miller's Bottled Gas has been evident for several weeks but this morning was bad enough to make the Complainant feel ill. Location Desc: Campbell Lane, Bowling Green Other Substance Desc: Z Coordinate Method Desc: Map Grade GPS - Not Differentially Corrected </td> <td style="width: 50%; vertical-align: top;"> Notification: No Date: 8/25/2011 Lead Invest ID: 9652 Lead Investigator: Blacketer, Bill Flw Up Prior Desc: Routine Recen Cpl Eval Act: Recent ENF Act: Locked Flag: Yes Waterbody: Regional Office: Bowling Green Regional Office County: Warren Lat Dac Degrees: 36.966556 Long Dec Degrees: -86.475583 </td> </tr> </table>							INC ID: 2335577 MARS Function Code: Status: Env. Closed Priority: Routine Program Code: 01 Program: Air Substances: Propane (Asphyxiant): Closure Type Desc: Env. Closed-No Action Necessary Incident End Date: 8/26/2011 Begin Emerg Dt: End Emerg Dt: Record Date: First Report Date: 8/25/2011 3:46:07 PM Completed: Yes Source: Miller's Bottled Gas Incident Type S: AIR RELEASE, FUGITIVE EMISSIONS Incident Desc: Propane smell from Miller's Bottled Gas has been evident for several weeks but this morning was bad enough to make the Complainant feel ill. Location Desc: Campbell Lane, Bowling Green Other Substance Desc: Z Coordinate Method Desc: Map Grade GPS - Not Differentially Corrected	Notification: No Date: 8/25/2011 Lead Invest ID: 9652 Lead Investigator: Blacketer, Bill Flw Up Prior Desc: Routine Recen Cpl Eval Act: Recent ENF Act: Locked Flag: Yes Waterbody: Regional Office: Bowling Green Regional Office County: Warren Lat Dac Degrees: 36.966556 Long Dec Degrees: -86.475583
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<u>3</u>	1 of 1	WNW	0.08 / 407.55	519.06 / -21	Abf Freight System 2352 Russellville Rd	UST		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Bowling Green KY 42101

AI ID:	63923	County:	Warren
Mail Addr Municip:	Bowling Green	Latitude:	-86.478817
Mailing Addr State:	KY	Longitude:	36.968232
Mailing Addr Zip:	42101		
AI Type:	RETAIL- Retail Trade, Gasoline Stations (447)		

Underground Storage Tanks

Subject Item ID:	2	Owner Name:	Mary Schladand
Tank Status:	TRM Removed Tank Verified	Tnk Ext Corr Prtct:	UNK Unknown
Temp Close Date:		Tnk Ovrfill Prvent:	UNK Unknown
Site Seq ID:	3222114	Pipe Material Desc:	SST Single Wall Steel
Tank Material:	SST Single Wall Steel	Pip Ext Corr Prtct:	UNK Unknown
Tank Inert Mterial:		Pipe Type Desc:	UNK Unknown
Tank Release Detect:	NON None	Tank Manufctr:	
Tank Spill Prevent:	UNK Unknown	Tank Install Date:	1/1/1973
Last Cont Prod Dt:		Lst Ln Leak Det Dt:	
Closed in Place Dt:		Lst Ln Test Dt:	
Removal Dt:	7/10/1990	Met Pipe Comp Cp:	
Service Change Dt:		Stp Sump:	
Last Tank Test Dt:		Lne Leak Detct Cd:	NA
Last CP Test Dt:		Pipe Rel Detct Cd:	UNK
Piping Install Dt:			
Pipe Manufctr:			
Overfill Liquid Tightness Date:			
Spill Liquid Tightness Date:			
Sump Liquid Tightness Date:			

Tank Compartment Information

Compartment No:	1	Tank Substance Cd:	GAS
Capacity MSR:	10000	Tank Subst Desc:	GAS Gasoline

Underground Storage Tanks

Subject Item ID:	1	Owner Name:	Mary Schladand
Tank Status:	TRM Removed Tank Verified	Tnk Ext Corr Prtct:	UNK Unknown
Temp Close Date:		Tnk Ovrfill Prvent:	UNK Unknown
Site Seq ID:	3222114	Pipe Material Desc:	SST Single Wall Steel
Tank Material:	SST Single Wall Steel	Pip Ext Corr Prtct:	UNK Unknown
Tank Inert Mterial:		Pipe Type Desc:	UNK Unknown
Tank Release Detect:	NON None	Tank Manufctr:	
Tank Spill Prevent:	UNK Unknown	Tank Install Date:	1/1/1973
Last Cont Prod Dt:		Lst Ln Leak Det Dt:	
Closed in Place Dt:		Lst Ln Test Dt:	
Removal Dt:	7/10/1990	Met Pipe Comp Cp:	
Service Change Dt:		Stp Sump:	
Last Tank Test Dt:		Lne Leak Detct Cd:	NA
Last CP Test Dt:		Pipe Rel Detct Cd:	UNK
Piping Install Dt:			
Pipe Manufctr:			
Overfill Liquid Tightness Date:			
Spill Liquid Tightness Date:			
Sump Liquid Tightness Date:			

Tank Compartment Information

Compartment No:	1	Tank Substance Cd:	DSL
Capacity MSR:	10000	Tank Subst Desc:	DSL Diesel

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
4	1 of 1	ENE	0.08 / 426.99	541.00 / 1	Bowling Green Municipal Utilities (AI ID: 4100) 2435 Industrial Drive Bowling Green KY	SPILLS
INC ID:	2289688			Notification:	Yes	
MARS Function Code:				Date:	1/21/2009	
Status:	Env. Closed			Lead Invest ID:	7121	
Priority:	Routine			Lead Investigator:	Baker, William	
Program Code:	03			Flw Up Prior Desc:		
Program:	Drinking Water			Recen Cpl Eval Act:		
Substances:	Population Affected:8			Recent ENF Act:		
Closure Type Desc:	Env. Closed-No Action Necessary			Locked Flag:	Yes	
Incident End Date:				Waterbody:		
Begin Emerg Dt:				Regional Office:	Bowling Green Regional Office	
End Emerg Dt:				County:	Warren	
Record Date:				Lat Dac Degrees:	36.99587	
First Report Date:	1/22/2009 8:18:00 AM			Long Dec Degrees:	-86.4425	
Completed:	No					
Source:	Bowling Green Municipal Utilities (AI ID: 4100)					
Incident Type S:	DW-LINE BREAK/LEAK					
Incident Desc:	Water main break of 12". 8 customers. No BWA issued.					
Location Desc:	2435 Industrial Drive					
Other Substance Desc:						
Z Coordinate Method Desc:	Unknown					
5	1 of 2	NW	0.10 / 526.06	521.00 / -19	Minton Mobile Home Park (MHP) Demolition (AI ID: 130533) House/Multiple Trailers, 2340 Russellville Road, Bowling Green, KY 42101 (Warren County) Bowling Green KY	SPILLS
INC ID:	2412342			Notification:	Yes	
MARS Function Code:				Date:	6/15/2016	
Status:	Initiated			Lead Invest ID:	55682	
Priority:	Routine			Lead Investigator:	Bergenson, Chad	
Program Code:	02			Flw Up Prior Desc:		
Program:	Asbestos			Recen Cpl Eval Act:	AI: 130533 CIN20160010	
Substances:				Recent ENF Act:	AI: 130533 ENV20160003	
Closure Type Desc:				Locked Flag:	No	
Incident End Date:	7/31/2016			Waterbody:		
Begin Emerg Dt:				Regional Office:	Bowling Green Regional Office	
End Emerg Dt:				County:	Warren	
Record Date:				Lat Dac Degrees:	36.969498	
First Report Date:	6/3/2016 12:18:46 PM			Long Dec Degrees:	-86.478744	
Completed:	No					
Source:	Minton Mobile Home Park (MHP) Demolition (AI ID: 130533)					
Incident Type S:	ASBESTOS-DEMOLITION					
Incident Desc:	Demolition of structures with heavy equipment.					
Location Desc:	House/Multiple Trailers, 2340 Russellville Road, Bowling Green, KY 42101 (Warren County)					
Other Substance Desc:						
Z Coordinate Method Desc:	Handheld GPS - Not Differentially Corrected					
5	2 of 2	NW	0.10 / 526.06	521.00 / -19	Mirsad & Fahrudin Alic Property at 2340 Russellville Road, Bowling Green, KY 42101 Bowling Green KY	SPILLS
INC ID:	2426262			Notification:	Yes	
MARS Function Code:				Date:	6/14/2017	
Status:	Initiated			Lead Invest ID:	55682	
Priority:	Routine			Lead Investigator:	Bergenson, Chad	
Program Code:	02			Flw Up Prior Desc:		
Program:	Asbestos			Recen Cpl Eval Act:		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Substances:					Recent ENF Act:	
Closure Type Desc:					Locked Flag:	No
Incident End Date:	7/31/2017				Waterbody:	
Begin Emerg Dt:					Regional Office:	Bowling Green Regional Office
End Emerg Dt:					County:	Warren
Record Date:					Lat Dec Degrees:	
First Report Date:	6/1/2017 9:25:56 AM				Long Dec Degrees:	
Completed:	No					
Source:		Mirsad & Fahrudin Alic				
Incident Type S:		ASBESTOS-DEMOLITION				
Incident Desc:		Exterior siding and chimney mastic removal with hand tools keeping materials wet. Roofing and flooring materials will be kept wet while loading into 6 mil poly lined dumpsters.				
Location Desc:		Property at 2340 Russellville Road, Bowling Green, KY 42101				
Other Substance Desc:						
Z Coordinate Method Desc:						

<u>6</u>	1 of 4	NNE	0.14 / 755.06	529.84 / -10	DETREX CORPORATION 325 EMMETT AVENUE BOWLING GREEN KY 42101	RCRA NON GEN
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EPA Handler ID: KYD006368112
Gen Status Universe: No Report
Contact Name: DAVID CRAIG
Contact Address: P.O. BOX 5111 , , SOUTHFIELD , MI, 48086-5111 , US
Contact Phone No and Ext: 248-358-5800
Contact Email:
Contact Country: US
County Name: WARREN
EPA Region: 04
Land Type: Private
Receive Date: 19990106
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: VIOLATION or UNDETERMINED: There are VIOLATION or UNDETERMINED details or records associated with this facility (EPA ID) in the Compliance Monitoring and Enforcement table dated Apr, 2024.

Violation Details

Found Violation: Yes
Citation: SR - 401 kar 32:040, sec 2
Violation Short Description: Generators - General
Violation Type: 262.A
Violation Determined Date: 19911120
Scheduled Compliance Date: 19911129
Return to Compliance: Observed
Actual Return to Compl: 19911127
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19911121
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Violation Details

Found Violation: Yes
Citation: SR - 401 kar 32:100
Violation Short Description: Generators - Manifest
Violation Type: 262.B
Violation Determined Date: 19911120
Scheduled Compliance Date: 19911204
Return to Compliance: Observed
Actual Return to Compl: 19911127
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19911121
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation: SR - 401 kar 35:040, sec 3
Violation Short Description: Generators - Pre-transport
Violation Type: 262.C
Violation Determined Date: 19911120
Scheduled Compliance Date: 19911204
Return to Compliance: Observed
Actual Return to Compl: 19911127
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19911121
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: Generators - General
Violation Type: 262.A
Violation Determined Date: 19890501
Scheduled Compliance Date: 19890525
Return to Compliance: Observed
Actual Return to Compl: 19890515
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Enforcement Type Description:		WRITTEN INFORMAL				
Enforcement Action Date:		19890501				
Enf Disposition Status:						
Disposition Status Date:						
Enforcement Lead Agency:		State				
Proposed Penalty Amount:						
Final Amount:						
Paid Amount:						
<u>Evaluation Details</u>						
Evaluation Start Date:		20030228				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION				
Violation Short Description:						
Return to Compliance Date:						
Evaluation Agency:		State				
Evaluation Start Date:		19911120				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION				
Violation Short Description:		Generators - Pre-transport				
Return to Compliance Date:		19911127				
Evaluation Agency:		State				
Evaluation Start Date:		19911120				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION				
Violation Short Description:		Generators - General				
Return to Compliance Date:		19911127				
Evaluation Agency:		State				
Evaluation Start Date:		19911120				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION				
Violation Short Description:		Generators - Manifest				
Return to Compliance Date:		19911127				
Evaluation Agency:		State				
Evaluation Start Date:		19910430				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION				
Violation Short Description:						
Return to Compliance Date:						
Evaluation Agency:		State				
Evaluation Start Date:		19910405				
Evaluation Type Description:		NON-FINANCIAL RECORD REVIEW				
Violation Short Description:						
Return to Compliance Date:						
Evaluation Agency:		State				
Evaluation Start Date:		19901010				
Evaluation Type Description:		NON-FINANCIAL RECORD REVIEW				
Violation Short Description:						
Return to Compliance Date:						
Evaluation Agency:		State				
Evaluation Start Date:		19900420				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION				
Violation Short Description:						
Return to Compliance Date:						
Evaluation Agency:		State				
Evaluation Start Date:		19890517				
Evaluation Type Description:		COMPLIANCE SCHEDULE EVALUATION				
Violation Short Description:		Generators - General				
Return to Compliance Date:		19890515				
Evaluation Agency:		State				
Evaluation Start Date:		19890501				
Evaluation Type Description:		NON-FINANCIAL RECORD REVIEW				
Violation Short Description:		Generators - General				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Return to Compliance Date: 19890515
Evaluation Agency: State

Evaluation Start Date: 19890421
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19900227
Handler Name: DETREX CORPORATION
Source Type: Annual/Biennial Report
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 19920301
Handler Name: DETREX CORPORATION
Source Type: Annual/Biennial Report
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 19940301
Handler Name: DETREX CORPORATION
Source Type: Annual/Biennial Report
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19990106
Handler Name: DETREX CORPORATION
Source Type: Notification
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Waste Code Details

Hazardous Waste Code: NONE
 Waste Code Description: DESCRIPTION

Owner/Operator Details

Owner/Operator Ind:	Current Owner	Street No:	
Type:	Private	Street 1:	P.O. BOX 5111
Name:	DETREX CORPORATION	Street 2:	
Date Became Current:		City:	SOUTHFIELD
Date Ended Current:		State:	MI
Phone:	248-358-5800	Country:	
Source Type:	Notification	Zip Code:	48086-5111

Historical Handler Details

Receive Dt:	19940301
Generator Code Description:	Large Quantity Generator
Handler Name:	DETREX CORPORATION
Receive Dt:	19920301
Generator Code Description:	Large Quantity Generator
Handler Name:	DETREX CORPORATION
Receive Dt:	19900227
Generator Code Description:	Large Quantity Generator
Handler Name:	DETREX CORPORATION

<u>6</u>	2 of 4	NNE	0.14 / 755.06	529.84 / -10	Parts Cleaning Technologies LLC 325 Emmett Drive Bowling Green KY 42101	INST
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AI ID (KORA):		AI ID:	
AI Name (KORA):		AI Name:	
Addr Line 1 (KORA):		AI Address Line 1:	
Addr Line 2 (KORA):		AI Address Line 2:	
AI City (KORA):		AI City:	
AI State (KORA):		AI State:	
AI Zip (KORA):		AI Zip:	
AI Lat (KORA):		AI Longitude:	
AI Long (KORA):		AI Latitude:	
AI County (KORA):		AI County:	
AI ID (ORR):	4106		
AI Name (ORR):	Parts Cleaning Technologies LLC		
Source:	Sites with Institutional Controls		

ORR Institutional Controls List Details

Subject Item:	GARA0000000001	Street Address:	325 Emmett Drive
Program:	Superfund	City:	Bowling Green
Filed Date:	11/19/1998	Zip Code:	42101
Removed Date:	03/16/2017	Latitude:	36.969528
Acreage:	10.97	Longitude:	-86.475472
County:	Warren		
Control Type:	Deed Restriction		
Control Methods:	Groundwater Use Restrictions, Capping (explain), Land Use Restrictions		

<u>6</u>	3 of 4	NNE	0.14 / 755.06	529.84 / -10	Parts Cleaning Technologies LLC 325 Emmett Drive Bowling Green KY 42101	ENG
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AI ID: 4106 AI Zip:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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AI Address Line 1:
 AI Address Line 2:
 AI City:
 AI County:
 AI Name:
 Data Source:

Sites with Institutional Controls

Institutional Controls Location Info

AI Name:	Parts Cleaning Technologies LLC	Latitude:	36.969528
Street Address:	325 Emmett Drive	Longitude:	-86.475472
City:	Bowling Green	County:	Warren
Zip Code:	42101		

Institutional Controls Detail Info

Subject Item:	GARA0000000001	Filed Date:	11/19/1998
Program:	Superfund	Removed Date:	03/16/2017
Control Type:	Deed Restriction	Acres:	10.97
Control Methods:	Groundwater Use Restrictions, Capping (explain), Land Use Restrictions		

6	4 of 4	NNE	0.14 / 755.06	529.84 / -10	EAGLE WIRE CO INC 325 EMMETT AVE BOWLING GREEN KY 421017067	PFAS TRI
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TRI FD: 42101DTRXC325EM
 FRS ID: 110067040758
 BIA:
 Tribe:
 Facility Name: EAGLE WIRE CO INC
 Street Address: 325 EMMETT AVE
 City: BOWLING GREEN
 County: WARREN
 State: KY
 Zip: 421017067
 Latitude: 36.970460
 Longitude: -86.474350

1988 Details

TRI FD:	42101DTRXC325EM	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	0000076131	Underground C II-V:	0.000000
Classification:	TRI	Landfills:	0.000000
Primary SIC:	3559	RCRA C Landfill:	0.000000
Primary NAICS:	482111	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	NO	Surface Impdmnt:	0.000000
Fugitive Air:	367.000000	RCRA Surface IM:	0.000000
Stack Air:	0.000000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000
Chemical:	Freon 113 (CFC-113)		
Industry Sector Code:	999		
Industry Sector:	Other		
Parent Co Name:	NA		
On Site Release Total:	367.000000		
Off Site Release Total:	0.000000		
Off Site Recycled Total:	0.000000		
Total Releases:	367.000000		
One Time Release:			

Horizontal Datum:

NAD83

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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CAS No:

76-13-1

PFAS:

NO

PBT:

NO

1989 Details

TRI FD:	42101DTRXC325EM	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	0000076131	Underground C II-V:	0.000000
Classification:	TRI	Landfills:	0.000000
Primary SIC:	3559	RCRA C Landfill:	0.000000
Primary NAICS:	482111	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	NO	Surface Impdmnt:	0.000000
Fugitive Air:	250.000000	RCRA Surface IM:	0.000000
Stack Air:	0.000000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000
Chemical:	Freon 113 (CFC-113)		
Industry Sector Code:	999		
Industry Sector:	Other		
Parent Co Name:	NA		
On Site Release Total:	250.000000		
Off Site Release Total:	0.000000		
Off Site Recycled Total:	0.000000		
Total Releases:	250.000000		
One Time Release:			

Horizontal Datum:

NAD83

CAS No:

76-13-1

PFAS:

NO

PBT:

NO

<u>7</u>	1 of 2	N	0.14 / 764.23	526.93 / -13	PARTS CLEANING TECHNOLOGIES 307 EMMETT AVE BOWLING GREEN KY 42101	RCRA SQG
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EPA Handler ID: KYD985114214
Gen Status Universe: Small Quantity Generator
Contact Name: FARRELL COSTELLO
Contact Address: 307 , EMMETT AVE , , BOWLING GREEN , KY, 42101 , US
Contact Phone No and Ext: 270-746-0095
Contact Email:
Contact Country: US
County Name: WARREN
EPA Region: 04
Land Type: Private

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Receive Date:		20220113				
Location Latitude:		36.969528				
Location Longitude:		-86.475472				

Violation/Evaluation Summary

Note: VIOLATION or UNDETERMINED: There are VIOLATION or UNDETERMINED details or records associated with this facility (EPA ID) in the Compliance Monitoring and Enforcement table dated Apr, 2024.

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: Generators - General
Violation Type: 262.A
Violation Determined Date: 20230223
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 20230223
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20230223
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: Generators - General
Violation Type: 262.A
Violation Determined Date: 20230223
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 20230227
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20230223
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: Generators - General

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Violation Type:		262.A				
Violation Determined Date:		20230223				
Scheduled Compliance Date:						
Return to Compliance:		Documented				
Actual Return to Compl:		20230223				
Violation Responsible Agency:		State				
<u>Enforcement Details</u>						
Enforcement Type:		120				
Enforcement Type Description:		WRITTEN INFORMAL				
Enforcement Action Date:		20230223				
Enf Disposition Status:						
Disposition Status Date:						
Enforcement Lead Agency:		State				
Proposed Penalty Amount:						
Final Amount:						
Paid Amount:						
<u>Violation Details</u>						
Found Violation:		Yes				
Citation:						
Violation Short Description:		Generators - General				
Violation Type:		262.A				
Violation Determined Date:		20230223				
Scheduled Compliance Date:						
Return to Compliance:		Documented				
Actual Return to Compl:		20230224				
Violation Responsible Agency:		State				
<u>Enforcement Details</u>						
Enforcement Type:		120				
Enforcement Type Description:		WRITTEN INFORMAL				
Enforcement Action Date:		20230223				
Enf Disposition Status:						
Disposition Status Date:						
Enforcement Lead Agency:		State				
Proposed Penalty Amount:						
Final Amount:						
Paid Amount:						
<u>Violation Details</u>						
Found Violation:		Yes				
Citation:						
Violation Short Description:		Generators - General				
Violation Type:		262.A				
Violation Determined Date:		20191119				
Scheduled Compliance Date:		20191219				
Return to Compliance:		Documented				
Actual Return to Compl:		20191217				
Violation Responsible Agency:		State				
<u>Enforcement Details</u>						
Enforcement Type:		110				
Enforcement Type Description:		VERBAL INFORMAL				
Enforcement Action Date:		20191119				
Enf Disposition Status:						
Disposition Status Date:						
Enforcement Lead Agency:		State				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Proposed Penalty Amount:
 Final Amount:
 Paid Amount:

Violation Details

Found Violation: Yes
 Citation:
 Violation Short Description: Generators - Pre-transport
 Violation Type: 262.C
 Violation Determined Date: 20161114
 Scheduled Compliance Date: 20170115
 Return to Compliance: Observed
 Actual Return to Compl: 20170103
 Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
 Enforcement Type Description: WRITTEN INFORMAL
 Enforcement Action Date: 20161227
 Enf Disposition Status:
 Disposition Status Date:
 Enforcement Lead Agency: State
 Proposed Penalty Amount:
 Final Amount:
 Paid Amount:

Violation Details

Found Violation: Yes
 Citation:
 Violation Short Description: Generators - Pre-transport
 Violation Type: 262.C
 Violation Determined Date: 20141126
 Scheduled Compliance Date: 20150105
 Return to Compliance: Documented
 Actual Return to Compl: 20150112
 Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
 Enforcement Type Description: WRITTEN INFORMAL
 Enforcement Action Date: 20141126
 Enf Disposition Status:
 Disposition Status Date:
 Enforcement Lead Agency: State
 Proposed Penalty Amount:
 Final Amount:
 Paid Amount:

Violation Details

Found Violation: Yes
 Citation:
 Violation Short Description: TSD IS-Contingency Plan and Emergency Procedures
 Violation Type: 265.D
 Violation Determined Date: 20141126
 Scheduled Compliance Date: 20150105
 Return to Compliance: Documented
 Actual Return to Compl: 20150112
 Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20141126
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: TSD IS-Container Use and Management
Violation Type: 265.I
Violation Determined Date: 20141126
Scheduled Compliance Date: 20150105
Return to Compliance: Documented
Actual Return to Compl: 20150112
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20141126
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: Listing - General
Violation Type: 261.A
Violation Determined Date: 20110629
Scheduled Compliance Date: 20110708
Return to Compliance: Documented
Actual Return to Compl: 20110708
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 110
Enforcement Type Description: VERBAL INFORMAL
Enforcement Action Date: 20110629
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: Generators - Pre-transport
Violation Type: 262.C
Violation Determined Date: 20080730
Scheduled Compliance Date: 20080912
Return to Compliance: Observed
Actual Return to Compl: 20081028
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20080730
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: State Statute or Regulation
Violation Type: XXS
Violation Determined Date: 20080730
Scheduled Compliance Date: 20080912
Return to Compliance: Documented
Actual Return to Compl: 20081028
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20080730
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation: SR - 32:020 4(1)
Violation Short Description: Generators - Manifest
Violation Type: 262.B
Violation Determined Date: 20051005
Scheduled Compliance Date: 20051117
Return to Compliance: Documented
Actual Return to Compl: 20051229
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Enforcement Action Date: 20051005
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation: SR - 37:010 7(1)(A)
Violation Short Description: Generators - Manifest
Violation Type: 262.B
Violation Determined Date: 20051005
Scheduled Compliance Date: 20051117
Return to Compliance: Documented
Actual Return to Compl: 20051229
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20051005
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation: SR - 35:040
Violation Short Description: Generators - Records/Reporting
Violation Type: 262.D
Violation Determined Date: 20051005
Scheduled Compliance Date: 20051117
Return to Compliance: Documented
Actual Return to Compl: 20051229
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20051005
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation: SR - 35:020 7
Violation Short Description: Generators - Records/Reporting
Violation Type: 262.D
Violation Determined Date: 20051005

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Scheduled Compliance Date: 20051117
Return to Compliance: Documented
Actual Return to Compl: 20051229
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20051005
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation: SR - 32:040 S 1,2
Violation Short Description: Generators - Records/Reporting
Violation Type: 262.D
Violation Determined Date: 20040526
Scheduled Compliance Date: 20040617
Return to Compliance: Documented
Actual Return to Compl: 20040526
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20040526
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation: SR - 35:020 S7
Violation Short Description: Generators - Records/Reporting
Violation Type: 262.D
Violation Determined Date: 20040526
Scheduled Compliance Date: 20040617
Return to Compliance: Documented
Actual Return to Compl: 20040616
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20040526
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Paid Amount:

Violation Details

Found Violation: Yes
Citation: SR - 35:020
Violation Short Description: Generators - General
Violation Type: 262.A
Violation Determined Date: 20020131
Scheduled Compliance Date: 20020228
Return to Compliance: Documented
Actual Return to Compl: 20020318
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20020131
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation: SR - 32:040
Violation Short Description: Generators - General
Violation Type: 262.A
Violation Determined Date: 20020131
Scheduled Compliance Date: 20020228
Return to Compliance: Documented
Actual Return to Compl: 20020318
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20020131
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation: SS - 224.46.580
Violation Short Description: Generators - General
Violation Type: 262.A
Violation Determined Date: 20000414
Scheduled Compliance Date: 20000504
Return to Compliance: Observed
Actual Return to Compl: 20000502
Violation Responsible Agency: State

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20000414
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation: SS - 224.46-580
Violation Short Description: Generators - General
Violation Type: 262.A
Violation Determined Date: 19980528
Scheduled Compliance Date: 19980617
Return to Compliance: Observed
Actual Return to Compl: 19980617
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19980528
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation: SR - 32:040
Violation Short Description: Generators - Records/Reporting
Violation Type: 262.D
Violation Determined Date: 19980414
Scheduled Compliance Date: 19980501
Return to Compliance: Observed
Actual Return to Compl: 19980427
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19980414
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Evaluation Details

Evaluation Start Date: 20230223

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Evaluation Type Description:						
Violation Short Description:						
Return to Compliance Date:						
Evaluation Agency:						
Evaluation Start Date:						
Evaluation Type Description:						
Violation Short Description:						
Return to Compliance Date:						
Evaluation Agency:						
Evaluation Start Date:						
Evaluation Type Description:						
Violation Short Description:						
Return to Compliance Date:						
Evaluation Agency:						
Evaluation Start Date:						
Evaluation Type Description:						
Violation Short Description:						
Return to Compliance Date:						
Evaluation Agency:						
Evaluation Start Date:						
Evaluation Type Description:						
Violation Short Description:						
Return to Compliance Date:						
Evaluation Agency:						
Evaluation Start Date:						
Evaluation Type Description:						
Violation Short Description:						
Return to Compliance Date:						
Evaluation Agency:						
Evaluation Start Date:						
Evaluation Type Description:						
Violation Short Description:						
Return to Compliance Date:						
Evaluation Agency:						
Evaluation Start Date:						
Evaluation Type Description:						
Violation Short Description:						
Return to Compliance Date:						
Evaluation Agency:						
Evaluation Start Date:						
Evaluation Type Description:						
Violation Short Description:						
Return to Compliance Date:						
Evaluation Agency:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<i>Evaluation Agency:</i>		State				
<i>Evaluation Start Date:</i>		20141126				
<i>Evaluation Type Description:</i>		COMPLIANCE EVALUATION INSPECTION				
<i>Violation Short Description:</i>		TSD IS-Contingency Plan and Emergency Procedures				
<i>Return to Compliance Date:</i>		20150112				
<i>Evaluation Agency:</i>		State				
<i>Evaluation Start Date:</i>		20141126				
<i>Evaluation Type Description:</i>		COMPLIANCE EVALUATION INSPECTION				
<i>Violation Short Description:</i>		Generators - Pre-transport				
<i>Return to Compliance Date:</i>		20150112				
<i>Evaluation Agency:</i>		State				
<i>Evaluation Start Date:</i>		20141126				
<i>Evaluation Type Description:</i>		COMPLIANCE EVALUATION INSPECTION				
<i>Violation Short Description:</i>		TSD IS-Container Use and Management				
<i>Return to Compliance Date:</i>		20150112				
<i>Evaluation Agency:</i>		State				
<i>Evaluation Start Date:</i>		20110629				
<i>Evaluation Type Description:</i>		COMPLIANCE EVALUATION INSPECTION				
<i>Violation Short Description:</i>		Listing - General				
<i>Return to Compliance Date:</i>		20110708				
<i>Evaluation Agency:</i>		State				
<i>Evaluation Start Date:</i>		20081028				
<i>Evaluation Type Description:</i>		COMPLIANCE SCHEDULE EVALUATION				
<i>Violation Short Description:</i>		State Statute or Regulation				
<i>Return to Compliance Date:</i>		20081028				
<i>Evaluation Agency:</i>		State				
<i>Evaluation Start Date:</i>		20081028				
<i>Evaluation Type Description:</i>		COMPLIANCE SCHEDULE EVALUATION				
<i>Violation Short Description:</i>		Generators - Pre-transport				
<i>Return to Compliance Date:</i>		20081028				
<i>Evaluation Agency:</i>		State				
<i>Evaluation Start Date:</i>		20080730				
<i>Evaluation Type Description:</i>		COMPLIANCE EVALUATION INSPECTION				
<i>Violation Short Description:</i>		State Statute or Regulation				
<i>Return to Compliance Date:</i>		20081028				
<i>Evaluation Agency:</i>		State				
<i>Evaluation Start Date:</i>		20080730				
<i>Evaluation Type Description:</i>		COMPLIANCE EVALUATION INSPECTION				
<i>Violation Short Description:</i>		Generators - Pre-transport				
<i>Return to Compliance Date:</i>		20081028				
<i>Evaluation Agency:</i>		State				
<i>Evaluation Start Date:</i>		20051229				
<i>Evaluation Type Description:</i>		COMPLIANCE SCHEDULE EVALUATION				
<i>Violation Short Description:</i>						
<i>Return to Compliance Date:</i>						
<i>Evaluation Agency:</i>		State				
<i>Evaluation Start Date:</i>		20051005				
<i>Evaluation Type Description:</i>		COMPLIANCE EVALUATION INSPECTION				
<i>Violation Short Description:</i>		Generators - Manifest				
<i>Return to Compliance Date:</i>		20051229				
<i>Evaluation Agency:</i>		State				
<i>Evaluation Start Date:</i>		20051005				
<i>Evaluation Type Description:</i>		COMPLIANCE EVALUATION INSPECTION				
<i>Violation Short Description:</i>		Generators - Records/Reporting				
<i>Return to Compliance Date:</i>		20051229				
<i>Evaluation Agency:</i>		State				
<i>Evaluation Start Date:</i>		20050110				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<i>Evaluation Type Description:</i>			NON-FINANCIAL RECORD REVIEW			
<i>Violation Short Description:</i>						
<i>Return to Compliance Date:</i>						
<i>Evaluation Agency:</i>		State				
<i>Evaluation Start Date:</i>		20040616				
<i>Evaluation Type Description:</i>			COMPLIANCE SCHEDULE EVALUATION			
<i>Violation Short Description:</i>						
<i>Return to Compliance Date:</i>						
<i>Evaluation Agency:</i>		State				
<i>Evaluation Start Date:</i>		20040526				
<i>Evaluation Type Description:</i>			COMPLIANCE EVALUATION INSPECTION			
<i>Violation Short Description:</i>			Generators - Records/Reporting			
<i>Return to Compliance Date:</i>		20040526				
<i>Evaluation Agency:</i>		State				
<i>Evaluation Start Date:</i>		20040526				
<i>Evaluation Type Description:</i>			COMPLIANCE EVALUATION INSPECTION			
<i>Violation Short Description:</i>			Generators - Records/Reporting			
<i>Return to Compliance Date:</i>		20040616				
<i>Evaluation Agency:</i>		State				
<i>Evaluation Start Date:</i>		20030228				
<i>Evaluation Type Description:</i>			COMPLIANCE EVALUATION INSPECTION			
<i>Violation Short Description:</i>						
<i>Return to Compliance Date:</i>						
<i>Evaluation Agency:</i>		State				
<i>Evaluation Start Date:</i>		20020318				
<i>Evaluation Type Description:</i>			COMPLIANCE SCHEDULE EVALUATION			
<i>Violation Short Description:</i>						
<i>Return to Compliance Date:</i>						
<i>Evaluation Agency:</i>		State				
<i>Evaluation Start Date:</i>		20020131				
<i>Evaluation Type Description:</i>			COMPLIANCE EVALUATION INSPECTION			
<i>Violation Short Description:</i>			Generators - General			
<i>Return to Compliance Date:</i>		20020318				
<i>Evaluation Agency:</i>		State				
<i>Evaluation Start Date:</i>		20000502				
<i>Evaluation Type Description:</i>			COMPLIANCE SCHEDULE EVALUATION			
<i>Violation Short Description:</i>			Generators - General			
<i>Return to Compliance Date:</i>		20000502				
<i>Evaluation Agency:</i>		State				
<i>Evaluation Start Date:</i>		20000414				
<i>Evaluation Type Description:</i>			NON-FINANCIAL RECORD REVIEW			
<i>Violation Short Description:</i>			Generators - General			
<i>Return to Compliance Date:</i>		20000502				
<i>Evaluation Agency:</i>		State				
<i>Evaluation Start Date:</i>		19980617				
<i>Evaluation Type Description:</i>			COMPLIANCE SCHEDULE EVALUATION			
<i>Violation Short Description:</i>			Generators - General			
<i>Return to Compliance Date:</i>		19980617				
<i>Evaluation Agency:</i>		State				
<i>Evaluation Start Date:</i>		19980528				
<i>Evaluation Type Description:</i>			NON-FINANCIAL RECORD REVIEW			
<i>Violation Short Description:</i>			Generators - General			
<i>Return to Compliance Date:</i>		19980617				
<i>Evaluation Agency:</i>		State				
<i>Evaluation Start Date:</i>		19980427				
<i>Evaluation Type Description:</i>			COMPLIANCE SCHEDULE EVALUATION			
<i>Violation Short Description:</i>			Generators - Records/Reporting			
<i>Return to Compliance Date:</i>		19980427				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Evaluation Agency: State

Evaluation Start Date: 19980414
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description: Generators - Records/Reporting
Return to Compliance Date: 19980427
Evaluation Agency: State

Evaluation Start Date: 19960426
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19980301
Handler Name: DETREX CORPORATION
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20000120
Handler Name: DETREX CORPORATION PARTS CLEANING
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Notification

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20001127
Handler Name: DETREX CORPORATION
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20010320

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Handler Name: DETREX CORPORATION PARTS CLEANING
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Notification

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 20020227
Handler Name: DETREX CORPORATION PARTS CLEANING
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: F001
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 20020415
Handler Name: DETREX CORPORATION
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 4
Receive Date: 20030110
Handler Name: PARTS CLEANING TECHNOLOGIES
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D006
Waste Code Description: CADMIUM

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: F001
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: U228
Waste Code Description: ETHENE, TRICHLORO- (OR) TRICHLOROETHYLENE

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Hazardous Waste Handler Details

Sequence No: 7
Receive Date: 20030311
Handler Name: PARTS CLEANING TECHNOLOGIES
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D006
Waste Code Description: CADMIUM

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: F001
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: U210
Waste Code Description: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

Hazardous Waste Code: U228
Waste Code Description: ETHENE, TRICHLORO- (OR) TRICHLOROETHYLENE

Hazardous Waste Handler Details

Sequence No: 5
Receive Date: 20030905
Handler Name: PARTS CLEANING TECHNOLOGIES
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D006
Waste Code Description: CADMIUM

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: F001
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: U210
Waste Code Description: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Hazardous Waste Code: U228
Waste Code Description: ETHENE, TRICHLORO- (OR) TRICHLOROETHYLENE

Hazardous Waste Handler Details

Sequence No: 6
Receive Date: 20031222
Handler Name: PARTS CLEANING TECHNOLOGIES
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D006
Waste Code Description: CADMIUM

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: F001
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: U210
Waste Code Description: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

Hazardous Waste Code: U228
Waste Code Description: ETHENE, TRICHLORO- (OR) TRICHLOROETHYLENE

Hazardous Waste Handler Details

Sequence No: 4
Receive Date: 20040101
Handler Name: PARTS CLEANING TECHNOLOGIES
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 8
Receive Date: 20041221
Handler Name: PARTS CLEANING TECHNOLOGIES
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D006
Waste Code Description: CADMIUM

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: F001
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: U210
Waste Code Description: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

Hazardous Waste Code: U228
Waste Code Description: ETHENE, TRICHLORO- (OR) TRICHLOROETHYLENE

Hazardous Waste Handler Details

Sequence No: 9
Receive Date: 20051219
Handler Name: PARTS CLEANING TECHNOLOGIES
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D006
Waste Code Description: CADMIUM

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: F001
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: U210
Waste Code Description: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

Hazardous Waste Code: U228
Waste Code Description: ETHENE, TRICHLORO- (OR) TRICHLOROETHYLENE

Hazardous Waste Handler Details

Sequence No: 5
Receive Date: 20060101
Handler Name: PARTS CLEANING TECHNOLOGIES LLC
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 10
Receive Date: 20070110

Handler Name: PARTS CLEANING TECHNOLOGIES LLC
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D006
Waste Code Description: CADMIUM

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: F001
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: U210
Waste Code Description: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

Hazardous Waste Code: U228
Waste Code Description: ETHENE, TRICHLORO- (OR) TRICHLOROETHYLENE

Hazardous Waste Handler Details

Sequence No: 11
Receive Date: 20080115
Handler Name: PARTS CLEANING TECHNOLOGIES LLC
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D006
Waste Code Description: CADMIUM

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: F001
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: U210
Waste Code Description: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

Hazardous Waste Code: U228
Waste Code Description: ETHENE, TRICHLORO- (OR) TRICHLOROETHYLENE

Hazardous Waste Handler Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Sequence No: 12
Receive Date: 20090116
Handler Name: PARTS CLEANING TECHNOLOGIES LLC
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D006
Waste Code Description: CADMIUM

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: F001
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: U210
Waste Code Description: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

Hazardous Waste Code: U228
Waste Code Description: ETHENE, TRICHLORO- (OR) TRICHLOROETHYLENE

Hazardous Waste Handler Details

Sequence No: 13
Receive Date: 20100329
Handler Name: PARTS CLEANING TECHNOLOGIES LLC
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D006
Waste Code Description: CADMIUM

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: F001
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: U210
Waste Code Description: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

Hazardous Waste Code: U228
Waste Code Description: ETHENE, TRICHLORO- (OR) TRICHLOROETHYLENE

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Hazardous Waste Handler Details

Sequence No: 14
Receive Date: 20110112
Handler Name: PARTS CLEANING TECHNOLOGIES LLC
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D006
Waste Code Description: CADMIUM

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: F001
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: U210
Waste Code Description: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

Hazardous Waste Code: U228
Waste Code Description: ETHENE, TRICHLORO- (OR) TRICHLOROETHYLENE

Hazardous Waste Handler Details

Sequence No: 15
Receive Date: 20110708
Handler Name: PARTS CLEANING TECHNOLOGIES LLC
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D006
Waste Code Description: CADMIUM

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: F001
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F002
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: U210
Waste Code Description: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

Hazardous Waste Code: U228
Waste Code Description: ETHENE, TRICHLORO- (OR) TRICHLOROETHYLENE

Hazardous Waste Handler Details

Sequence No: 16
Receive Date: 20110929
Handler Name: PARTS CLEANING TECHNOLOGIES LLC
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D006
Waste Code Description: CADMIUM

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: D040
Waste Code Description: TRICHLOROETHYLENE

Hazardous Waste Code: F001
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F002
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: U210
Waste Code Description: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

Hazardous Waste Code: U228
Waste Code Description: ETHENE, TRICHLORO- (OR) TRICHLOROETHYLENE

Hazardous Waste Handler Details

Sequence No: 17
Receive Date: 20120111
Handler Name: PARTS CLEANING TECHNOLOGIES LLC
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Source Type:		Notification				
<u>Waste Code Details</u>						
Hazardous Waste Code:		D006				
Waste Code Description:		CADMIUM				
Hazardous Waste Code:		D007				
Waste Code Description:		CHROMIUM				
Hazardous Waste Code:		D008				
Waste Code Description:		LEAD				
Hazardous Waste Code:		D040				
Waste Code Description:		TRICHLOROETHYLENE				
Hazardous Waste Code:		F001				
Waste Code Description:		THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
Hazardous Waste Code:		F002				
Waste Code Description:		THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
Hazardous Waste Code:		U210				
Waste Code Description:		ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE				
Hazardous Waste Code:		U228				
Waste Code Description:		ETHENE, TRICHLORO- (OR) TRICHLOROETHYLENE				
<u>Hazardous Waste Handler Details</u>						
Sequence No:		1				
Receive Date:		20120517				
Handler Name:		PARTS CLEANING TECHNOLOGIES				
Federal Waste Generator Code:		1				
Generator Code Description:		Large Quantity Generator				
Source Type:		Annual/Biennial Report update with Notification				
<u>Waste Code Details</u>						
Hazardous Waste Code:		D006				
Waste Code Description:		CADMIUM				
Hazardous Waste Code:		D007				
Waste Code Description:		CHROMIUM				
Hazardous Waste Code:		D008				
Waste Code Description:		LEAD				
Hazardous Waste Code:		D040				
Waste Code Description:		TRICHLOROETHYLENE				
Hazardous Waste Code:		F001				
Waste Code Description:		THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
					CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.	
					Hazardous Waste Code: U210 Waste Code Description: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE	
					Hazardous Waste Code: U228 Waste Code Description: ETHENE, TRICHLORO- (OR) TRICHLOROETHYLENE	
<u>Hazardous Waste Handler Details</u>						
					Sequence No: 18 Receive Date: 20130115 Handler Name: PARTS CLEANING TECHNOLOGIES Federal Waste Generator Code: 1 Generator Code Description: Large Quantity Generator Source Type: Notification	
<u>Waste Code Details</u>						
					Hazardous Waste Code: D006 Waste Code Description: CADMIUM	
					Hazardous Waste Code: D007 Waste Code Description: CHROMIUM	
					Hazardous Waste Code: D008 Waste Code Description: LEAD	
					Hazardous Waste Code: D040 Waste Code Description: TRICHLOROETHYLENE	
					Hazardous Waste Code: F001 Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.	
					Hazardous Waste Code: U210 Waste Code Description: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE	
					Hazardous Waste Code: U228 Waste Code Description: ETHENE, TRICHLORO- (OR) TRICHLOROETHYLENE	
<u>Hazardous Waste Handler Details</u>						
					Sequence No: 19 Receive Date: 20140113 Handler Name: PARTS CLEANING TECHNOLOGIES Federal Waste Generator Code: 1 Generator Code Description: Large Quantity Generator Source Type: Notification	
<u>Waste Code Details</u>						
					Hazardous Waste Code: D006 Waste Code Description: CADMIUM	
					Hazardous Waste Code: D007 Waste Code Description: CHROMIUM	
					Hazardous Waste Code: D008	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Waste Code Description:		LEAD				
Hazardous Waste Code:		D040				
Waste Code Description:		TRICHTHLORETHYLENE				
Hazardous Waste Code:		F001				
Waste Code Description:		THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHTHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHTHLORETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
Hazardous Waste Code:		U210				
Waste Code Description:		ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE				
Hazardous Waste Code:		U228				
Waste Code Description:		ETHENE, TRICHTHLORO- (OR) TRICHTHLORETHYLENE				

Hazardous Waste Handler Details

Sequence No: 20
Receive Date: 20150116
Handler Name: PARTS CLEANING TECHNOLOGIES
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D006
Waste Code Description: CADMIUM

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: D040
Waste Code Description: TRICHTHLORETHYLENE

Hazardous Waste Code: F001
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHTHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHTHLORETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: U210
Waste Code Description: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

Hazardous Waste Code: U228
Waste Code Description: ETHENE, TRICHTHLORO- (OR) TRICHTHLORETHYLENE

Hazardous Waste Handler Details

Sequence No: 21
Receive Date: 20151019
Handler Name: PARTS CLEANING TECHNOLOGIES
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Notification

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>Waste Code Details</u>						
Hazardous Waste Code:		D006				
Waste Code Description:		CADMIUM				
Hazardous Waste Code:		D007				
Waste Code Description:		CHROMIUM				
Hazardous Waste Code:		D008				
Waste Code Description:		LEAD				
Hazardous Waste Code:		D040				
Waste Code Description:		TRICHTHORETHYLENE				
Hazardous Waste Code:		F001				
Waste Code Description:		THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHTHORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHTHORETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
Hazardous Waste Code:		U210				
Waste Code Description:		ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE				
Hazardous Waste Code:		U228				
Waste Code Description:		ETHENE, TRICHTHORO- (OR) TRICHTHOROETHYLENE				
<u>Hazardous Waste Handler Details</u>						
Sequence No:		22				
Receive Date:		20160112				
Handler Name:		PARTS CLEANING TECHNOLOGIES				
Federal Waste Generator Code:		2				
Generator Code Description:		Small Quantity Generator				
Source Type:		Notification				
<u>Waste Code Details</u>						
Hazardous Waste Code:		D006				
Waste Code Description:		CADMIUM				
Hazardous Waste Code:		D007				
Waste Code Description:		CHROMIUM				
Hazardous Waste Code:		D008				
Waste Code Description:		LEAD				
Hazardous Waste Code:		D040				
Waste Code Description:		TRICHTHORETHYLENE				
Hazardous Waste Code:		F001				
Waste Code Description:		THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHTHORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHTHORETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
Hazardous Waste Code:		F002				
Waste Code Description:		THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHTHOROETHYLENE, 1,1,1-TRICHTHORETHANE, CHLOROBENZENE, 1,1,2-TRICHTHORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHTHOROBENZENE, TRICHTHOROFLUOROMETHANE, AND 1,1,2, TRICHTHOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Hazardous Waste Code: U210
Waste Code Description: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

Hazardous Waste Code: U228
Waste Code Description: ETHENE, TRICHLORO- (OR) TRICHLOROETHYLENE

Hazardous Waste Handler Details

Sequence No: 23
Receive Date: 20170117
Handler Name: PARTS CLEANING TECHNOLOGIES
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D006
Waste Code Description: CADMIUM

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: D040
Waste Code Description: TRICHLOROETHYLENE

Hazardous Waste Code: F001
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F002
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: U210
Waste Code Description: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

Hazardous Waste Code: U228
Waste Code Description: ETHENE, TRICHLORO- (OR) TRICHLOROETHYLENE

Hazardous Waste Handler Details

Sequence No: 24
Receive Date: 20180222
Handler Name: PARTS CLEANING TECHNOLOGIES
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D006

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Waste Code Description:			CADMIUM			
Hazardous Waste Code:			D007			
Waste Code Description:			CHROMIUM			
Hazardous Waste Code:			D008			
Waste Code Description:			LEAD			
Hazardous Waste Code:			D040			
Waste Code Description:			TRICHLOROETHYLENE			
Hazardous Waste Code:			F001			
Waste Code Description:			THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.			
Hazardous Waste Code:			F002			
Waste Code Description:			THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.			
Hazardous Waste Code:			U210			
Waste Code Description:			ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE			
Hazardous Waste Code:			U228			
Waste Code Description:			ETHENE, TRICHLORO- (OR) TRICHLOROETHYLENE			
<u>Hazardous Waste Handler Details</u>						
Sequence No:			25			
Receive Date:			20190117			
Handler Name:			PARTS CLEANING TECHNOLOGIES			
Federal Waste Generator Code:			2			
Generator Code Description:			Small Quantity Generator			
Source Type:			Notification			
<u>Waste Code Details</u>						
Hazardous Waste Code:			D006			
Waste Code Description:			CADMIUM			
Hazardous Waste Code:			D007			
Waste Code Description:			CHROMIUM			
Hazardous Waste Code:			D008			
Waste Code Description:			LEAD			
Hazardous Waste Code:			D040			
Waste Code Description:			TRICHLOROETHYLENE			
Hazardous Waste Code:			F001			
Waste Code Description:			THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.			
Hazardous Waste Code:			F002			
Waste Code Description:			THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
					CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.	
		Hazardous Waste Code:	U210			
		Waste Code Description:	ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE			
		Hazardous Waste Code:	U228			
		Waste Code Description:	ETHENE, TRICHLORO- (OR) TRICHLOROETHYLENE			
<u>Hazardous Waste Handler Details</u>						
		Sequence No:	26			
		Receive Date:	20200115			
		Handler Name:	PARTS CLEANING TECHNOLOGIES			
		Federal Waste Generator Code:	2			
		Generator Code Description:	Small Quantity Generator			
		Source Type:	Notification			
<u>Waste Code Details</u>						
		Hazardous Waste Code:	D040			
		Waste Code Description:	TRICHLOROETHYLENE			
		Hazardous Waste Code:	F001			
		Waste Code Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.			
		Hazardous Waste Code:	F002			
		Waste Code Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.			
		Hazardous Waste Code:	U210			
		Waste Code Description:	ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE			
		Hazardous Waste Code:	U228			
		Waste Code Description:	ETHENE, TRICHLORO- (OR) TRICHLOROETHYLENE			
<u>Hazardous Waste Handler Details</u>						
		Sequence No:	27			
		Receive Date:	20210114			
		Handler Name:	PARTS CLEANING TECHNOLOGIES			
		Federal Waste Generator Code:	2			
		Generator Code Description:	Small Quantity Generator			
		Source Type:	Notification			
<u>Waste Code Details</u>						
		Hazardous Waste Code:	D040			
		Waste Code Description:	TRICHLOROETHYLENE			
		Hazardous Waste Code:	F001			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F002
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: U210
Waste Code Description: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

Hazardous Waste Code: U228
Waste Code Description: ETHENE, TRICHLORO- (OR) TRICHLOROETHYLENE

Hazardous Waste Handler Details

Sequence No: 28
Receive Date: 20220113
Handler Name: PARTS CLEANING TECHNOLOGIES
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D040
Waste Code Description: TRICHLOROETHYLENE

Hazardous Waste Code: F001
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F002
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: U210
Waste Code Description: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

Hazardous Waste Code: U228
Waste Code Description: ETHENE, TRICHLORO- (OR) TRICHLOROETHYLENE

Owner/Operator Details

Owner/Operator Ind: Current Owner	Street No:
Type: Private	Street 1: P.O. BOX 5111
Name: DETREX CORPORATION	Street 2:
Date Became Current:	City: SOUTHFIELD
Date Ended Current:	State: MI

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Phone:	248-358-5800				Country:	
Source Type:	Notification				Zip Code:	48086-5111
Owner/Operator Ind:	Current Owner				Street No:	24901
Type:	Private				Street 1:	NORTHWESTERN HWY
Name:	DAVID CRANDELL				Street 2:	SUITE 209
Date Became Current:	20030110				City:	SOUTHFIELD
Date Ended Current:					State:	MI
Phone:	248-799-7700				Country:	US
Source Type:	Notification				Zip Code:	48075
Owner/Operator Ind:	Current Operator				Street No:	
Type:	Private				Street 1:	
Name:	UNKNOWN				Street 2:	
Date Became Current:	20030110				City:	
Date Ended Current:					State:	
Phone:					Country:	US
Source Type:	Notification				Zip Code:	
Owner/Operator Ind:	Current Owner				Street No:	307
Type:	Private				Street 1:	EMMETT AVE
Name:	PARTS CLEANING TECHNOLOGIES				Street 2:	
Date Became Current:	20020531				City:	BOWLING GREEN
Date Ended Current:					State:	KY
Phone:	270-746-0095				Country:	US
Source Type:	Notification				Zip Code:	42101
Owner/Operator Ind:	Current Operator				Street No:	
Type:	Private				Street 1:	
Name:	PARTS CLEANING TECHNOLOGIES				Street 2:	
Date Became Current:	20020601				City:	
Date Ended Current:					State:	
Phone:					Country:	
Source Type:	Notification				Zip Code:	
Owner/Operator Ind:	Current Operator				Street No:	
Type:	Private				Street 1:	NORTHWESTERN HWY
Name:	N/A				Street 2:	SUITE 209
Date Became Current:	20051219				City:	SOUTHFIELD
Date Ended Current:					State:	MI
Phone:					Country:	US
Source Type:	Annual/Biennial Report				Zip Code:	48075
Owner/Operator Ind:	Current Owner				Street No:	
Type:	Private				Street 1:	NORTHWESTERN HWY
Name:	N/A				Street 2:	SUITE 209
Date Became Current:	20051219				City:	SOUTHFIELD
Date Ended Current:					State:	MI
Phone:					Country:	US
Source Type:	Annual/Biennial Report				Zip Code:	48075
Owner/Operator Ind:	Current Owner				Street No:	
Type:	Private				Street 1:	NORTHWESTERN HWY
Name:	DAVID CRANDELL				Street 2:	SUITE 209
Date Became Current:	20051219				City:	SOUTHFIELD
Date Ended Current:					State:	MI
Phone:					Country:	US
Source Type:	Notification				Zip Code:	48075
Owner/Operator Ind:	Current Operator				Street No:	
Type:	Private				Street 1:	NORTHWESTERN HWY
Name:	N/A				Street 2:	SUITE 209
Date Became Current:	20051219				City:	SOUTHFIELD
Date Ended Current:					State:	MI
Phone:					Country:	US
Source Type:	Notification				Zip Code:	48075
Owner/Operator Ind:	Current Operator				Street No:	
Type:	Private				Street 1:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Name:	PARTS CLEANING TECHNOLOGIES BR UNKNOWN				Street 2:	
Date Became Current:	20030101				City:	
Date Ended Current:					State:	
Phone:					Country:	US
Source Type:	Annual/Biennial Report				Zip Code:	
Owner/Operator Ind:	Current Operator				Street No:	
Type:	Private				Street 1:	
Name:	PARTS CLEANING TECHNOLOGIES				Street 2:	
Date Became Current:	20020601				City:	
Date Ended Current:					State:	
Phone:					Country:	
Source Type:	Annual/Biennial Report update with Notification				Zip Code:	
Owner/Operator Ind:	Current Owner				Street No:	307
Type:	Private				Street 1:	EMMETT AVE
Name:	PARTS CLEANING TECHNOLOGIES				Street 2:	
Date Became Current:	20020601				City:	BOWLING GREEN
Date Ended Current:					State:	KY
Phone:	270-746-0095				Country:	US
Source Type:	Annual/Biennial Report update with Notification				Zip Code:	42101
Owner/Operator Ind:	Current Owner				Street No:	307
Type:	Private				Street 1:	EMMETT AVE
Name:	PARTS CLEANING TECHNOLOGIES				Street 2:	
Date Became Current:	20020601				City:	BOWLING GREEN
Date Ended Current:					State:	KY
Phone:	270-746-0095				Country:	US
Source Type:	Notification				Zip Code:	42101
Owner/Operator Ind:	Current Operator				Street No:	
Type:	Private				Street 1:	
Name:	PARTS CLEANING TECHNOLOGIES				Street 2:	
Date Became Current:	20020531				City:	
Date Ended Current:					State:	
Phone:					Country:	
Source Type:	Notification				Zip Code:	
Owner/Operator Ind:	Current Owner				Street No:	
Type:	Private				Street 1:	NORTHWESTERN HWY
Name:	SOLVENT DISTRIBUTORS OF MI, INC.				Street 2:	SUITE 209
Date Became Current:	20051219				City:	SOUTHFIELD
Date Ended Current:					State:	MI
Phone:					Country:	US
Source Type:	Notification				Zip Code:	48075
Owner/Operator Ind:	Current Owner				Street No:	
Type:	Private				Street 1:	
Name:	PARTS CLEANING TECHNOLOGIES BR UNKNOWN				Street 2:	
Date Became Current:	20030101				City:	
Date Ended Current:					State:	
Phone:					Country:	US
Source Type:	Annual/Biennial Report				Zip Code:	

Historical Handler Details

Receive Dt: 20210114
Generator Code Description: Small Quantity Generator
Handler Name: PARTS CLEANING TECHNOLOGIES

Receive Dt: 20200115
Generator Code Description: Small Quantity Generator
Handler Name: PARTS CLEANING TECHNOLOGIES

Receive Dt: 20190117
Generator Code Description: Small Quantity Generator

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Handler Name:					PARTS CLEANING TECHNOLOGIES	
Receive Dt:				20180222		
Generator Code Description:				Small Quantity Generator		
Handler Name:					PARTS CLEANING TECHNOLOGIES	
Receive Dt:				20170117		
Generator Code Description:				Small Quantity Generator		
Handler Name:					PARTS CLEANING TECHNOLOGIES	
Receive Dt:				20160112		
Generator Code Description:				Small Quantity Generator		
Handler Name:					PARTS CLEANING TECHNOLOGIES	
Receive Dt:				20151019		
Generator Code Description:				Small Quantity Generator		
Handler Name:					PARTS CLEANING TECHNOLOGIES	
Receive Dt:				20150116		
Generator Code Description:				Small Quantity Generator		
Handler Name:					PARTS CLEANING TECHNOLOGIES	
Receive Dt:				20140113		
Generator Code Description:				Large Quantity Generator		
Handler Name:					PARTS CLEANING TECHNOLOGIES	
Receive Dt:				20130115		
Generator Code Description:				Large Quantity Generator		
Handler Name:					PARTS CLEANING TECHNOLOGIES	
Receive Dt:				20120517		
Generator Code Description:				Large Quantity Generator		
Handler Name:					PARTS CLEANING TECHNOLOGIES	
Receive Dt:				20120111		
Generator Code Description:				Small Quantity Generator		
Handler Name:					PARTS CLEANING TECHNOLOGIES LLC	
Receive Dt:				20110929		
Generator Code Description:				Small Quantity Generator		
Handler Name:					PARTS CLEANING TECHNOLOGIES LLC	
Receive Dt:				20110708		
Generator Code Description:				Large Quantity Generator		
Handler Name:					PARTS CLEANING TECHNOLOGIES LLC	
Receive Dt:				20110112		
Generator Code Description:				Small Quantity Generator		
Handler Name:					PARTS CLEANING TECHNOLOGIES LLC	
Receive Dt:				20100329		
Generator Code Description:				Small Quantity Generator		
Handler Name:					PARTS CLEANING TECHNOLOGIES LLC	
Receive Dt:				20090116		
Generator Code Description:				Small Quantity Generator		
Handler Name:					PARTS CLEANING TECHNOLOGIES LLC	
Receive Dt:				20080115		
Generator Code Description:				Large Quantity Generator		
Handler Name:					PARTS CLEANING TECHNOLOGIES LLC	
Receive Dt:				20070110		
Generator Code Description:				Large Quantity Generator		
Handler Name:					PARTS CLEANING TECHNOLOGIES LLC	
Receive Dt:				20060101		
Generator Code Description:				Large Quantity Generator		
Handler Name:					PARTS CLEANING TECHNOLOGIES LLC	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Receive Dt:		20051219				
Generator Code Description:		Large Quantity Generator				
Handler Name:		PARTS CLEANING TECHNOLOGIES				
Receive Dt:		20041221				
Generator Code Description:		Large Quantity Generator				
Handler Name:		PARTS CLEANING TECHNOLOGIES				
Receive Dt:		20040101				
Generator Code Description:		Large Quantity Generator				
Handler Name:		PARTS CLEANING TECHNOLOGIES				
Receive Dt:		20031222				
Generator Code Description:		Large Quantity Generator				
Handler Name:		PARTS CLEANING TECHNOLOGIES				
Receive Dt:		20030905				
Generator Code Description:		Large Quantity Generator				
Handler Name:		PARTS CLEANING TECHNOLOGIES				
Receive Dt:		20030311				
Generator Code Description:		Not a Generator, Verified				
Handler Name:		PARTS CLEANING TECHNOLOGIES				
Receive Dt:		20030110				
Generator Code Description:		Large Quantity Generator				
Handler Name:		PARTS CLEANING TECHNOLOGIES				
Receive Dt:		20020415				
Generator Code Description:		Large Quantity Generator				
Handler Name:		DETREX CORPORATION				
Receive Dt:		20020227				
Generator Code Description:		Large Quantity Generator				
Handler Name:		DETREX CORPORATION PARTS CLEANING				
Receive Dt:		20010320				
Generator Code Description:		Large Quantity Generator				
Handler Name:		DETREX CORPORATION PARTS CLEANING				
Receive Dt:		20001127				
Generator Code Description:		Large Quantity Generator				
Handler Name:		DETREX CORPORATION				
Receive Dt:		20000120				
Generator Code Description:		Large Quantity Generator				
Handler Name:		DETREX CORPORATION PARTS CLEANING				
Receive Dt:		19980301				
Generator Code Description:		Large Quantity Generator				
Handler Name:		DETREX CORPORATION				

<u>7</u>	2 of 2	N	0.14 / 764.23	526.93 / -13	Parts Cleaning Technologies LLC 307 Emmett Ave Bowling Green KY 42101	SHWS
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AI ID (KORA):	4106	AI ID:	4106
AI Name (KORA):	Parts Cleaning Technologies LLC	AI Name:	Parts Cleaning Technologies LLC
Addr Line 1 (KORA):	307 Emmett Ave	AI Address Line 1:	307 Emmett Ave
Addr Line 2 (KORA):		AI Address Line 2:	
AI City (KORA):	Bowling Green	AI City:	Bowling Green
AI State (KORA):	KY	AI State:	KY
AI Zip (KORA):	42101	AI Zip:	42101
AI Lat (KORA):	36.969444	AI Latitude:	36.969444
AI Long (KORA):	-86.4725	AI Longitude:	-86.4725
AI County (KORA):	Warren	AI County:	Warren
Source:	Superfund Sites List; State Leads Priority List Report		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Detail

AAZZ No:	2	SI Address Line 1:	325 Emmett Avenue
Site Status:	Closed	SI Address Line 2:	
Closure Option:	Option A No Action Necessary	SI City:	Bowling Green
Closure Date:	4/10/2017	SI State:	KY
Regulatory Desc:	State Superfund	SI Zip:	40201
SI Desg:	33672	SI Long:	-86.475472
SI County:	Warren	SI Lat:	36.969528
Acreage:			
SI Description:	DETREX CHEMICAL COMPANY (Closed: Option D - Combination Closure 8-1-1997); Closure Option changed to A (NFA) on 4/10/17		

AAZZ No:	3	SI Address Line 1:	325 Emmett Avenue
Site Status:	Closed	SI Address Line 2:	
Closure Option:	Option A No Action Necessary	SI City:	Bowling Green
Closure Date:	3/1/2004	SI State:	KY
Regulatory Desc:	State Superfund	SI Zip:	42101
SI Desg:	17922	SI Long:	-86.47466
SI County:	Warren	SI Lat:	36.96828
Acreage:			
SI Description:	(Closed: No action Necessary 3-1-2004) BOWLING GREEN TOXIC FUMES		

Superfund Site Details (KORA)

Si ID:	2	Address Line 1:	325 Emmett Avenue
Si Type:	DETREX CHEMICAL COMPANY (Closed: Option D - Combination Closure 8-1-1997); Closure Option changed to A (NFA) on 4/10/17	Address Line 2:	
Site Status:	Closed	Latitude:	36.969528
Closure Date:	04/10/2017	Longitude:	-86.475472
Closure Option:	Option A No Action Necessary	County:	Warren
Designation:	33672	Reg Section:	State Superfund
Acreage:			

Superfund Site Details (KORA)

Si ID:	3	Address Line 1:	325 Emmett Avenue
Si Type:	(Closed: No action Necessary 3-1-2004) BOWLING GREEN TOXIC FUMES	Address Line 2:	
Site Status:	Closed	Latitude:	36.96828
Closure Date:	03/01/2004	Longitude:	-86.47466
Closure Option:	Option A No Action Necessary	County:	Warren
Designation:	17922	Reg Section:	State Superfund
Acreage:			

8	1 of 1	ENE	0.19 / 990.34	539.72 / 0	FARR MANUFACTURING & ENGINEERING 401 EMMETT AVE BOWLING GREEN KY 42101	RCRA NON GEN
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EPA Handler ID:	KY0000382390
Gen Status Universe:	No Report
Contact Name:	DOUG FARR
Contact Address:	PO. BOX 329 , , PARKERSBURG , WV, 26102 , US
Contact Phone No and Ext:	304-375-6036
Contact Email:	
Contact Country:	US
County Name:	WARREN
EPA Region:	04
Land Type:	Private
Receive Date:	20080116
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note: VIOLATION or UNDETERMINED: There are VIOLATION or UNDETERMINED details or records associated with this facility (EPA ID) in the Compliance Monitoring and Enforcement table dated Apr, 2024.

Violation Details

Found Violation: Yes
Citation: SS - 224.46.580
Violation Short Description: Generators - General
Violation Type: 262.A
Violation Determined Date: 20000414
Scheduled Compliance Date: 20000504
Return to Compliance: Observed
Actual Return to Compl: 20000424
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20000414
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation: SR - 32:040
Violation Short Description: Generators - Records/Reporting
Violation Type: 262.D
Violation Determined Date: 19950410
Scheduled Compliance Date: 19950428
Return to Compliance: Observed
Actual Return to Compl: 19950511
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19950410
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Evaluation Details

Evaluation Start Date: 20060228
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<i>Evaluation Start Date:</i>		20041020				
<i>Evaluation Type Description:</i>		COMPLIANCE EVALUATION INSPECTION				
<i>Violation Short Description:</i>						
<i>Return to Compliance Date:</i>						
<i>Evaluation Agency:</i>		State				
<i>Evaluation Start Date:</i>		20030506				
<i>Evaluation Type Description:</i>		COMPLIANCE EVALUATION INSPECTION				
<i>Violation Short Description:</i>						
<i>Return to Compliance Date:</i>						
<i>Evaluation Agency:</i>		State				
<i>Evaluation Start Date:</i>		20020319				
<i>Evaluation Type Description:</i>		COMPLIANCE EVALUATION INSPECTION				
<i>Violation Short Description:</i>						
<i>Return to Compliance Date:</i>						
<i>Evaluation Agency:</i>		State				
<i>Evaluation Start Date:</i>		20000424				
<i>Evaluation Type Description:</i>		COMPLIANCE SCHEDULE EVALUATION				
<i>Violation Short Description:</i>		Generators - General				
<i>Return to Compliance Date:</i>		20000424				
<i>Evaluation Agency:</i>		State				
<i>Evaluation Start Date:</i>		20000414				
<i>Evaluation Type Description:</i>		NON-FINANCIAL RECORD REVIEW				
<i>Violation Short Description:</i>		Generators - General				
<i>Return to Compliance Date:</i>		20000424				
<i>Evaluation Agency:</i>		State				
<i>Evaluation Start Date:</i>		19960426				
<i>Evaluation Type Description:</i>		COMPLIANCE EVALUATION INSPECTION				
<i>Violation Short Description:</i>						
<i>Return to Compliance Date:</i>						
<i>Evaluation Agency:</i>		State				
<i>Evaluation Start Date:</i>		19950511				
<i>Evaluation Type Description:</i>		COMPLIANCE SCHEDULE EVALUATION				
<i>Violation Short Description:</i>		Generators - Records/Reporting				
<i>Return to Compliance Date:</i>		19950511				
<i>Evaluation Agency:</i>		State				
<i>Evaluation Start Date:</i>		19950410				
<i>Evaluation Type Description:</i>		NON-FINANCIAL RECORD REVIEW				
<i>Violation Short Description:</i>		Generators - Records/Reporting				
<i>Return to Compliance Date:</i>		19950511				
<i>Evaluation Agency:</i>		State				

Handler Summary

<i>Importer Activity:</i>	No
<i>Mixed Waste Generator:</i>	No
<i>Transporter Activity:</i>	No
<i>Transfer Facility:</i>	No
<i>Onsite Burner Exemption:</i>	No
<i>Furnace Exemption:</i>	No
<i>Underground Injection Activity:</i>	No
<i>Commercial TSD:</i>	No
<i>Used Oil Transporter:</i>	No
<i>Used Oil Transfer Facility:</i>	No
<i>Used Oil Processor:</i>	No
<i>Used Oil Refiner:</i>	No
<i>Used Oil Burner:</i>	No
<i>Used Oil Market Burner:</i>	No
<i>Used Oil Spec Marketer:</i>	No

Hazardous Waste Handler Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Sequence No: 1
Receive Date: 20000120
Handler Name: FARR MANUFACTURING & ENGINEERING
Source Type: Notification
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20010320
Handler Name: FARR MANUFACTURING & ENGINEERING
Source Type: Notification
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 20020227
Handler Name: FARR MANUFACTURING & ENGINEERING
Source Type: Notification
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Hazardous Waste Handler Details

Sequence No: 4
Receive Date: 20020410
Handler Name: FARR MANUFACTURING & ENGINEERING
Source Type: Notification
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: F001
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No: 5
Receive Date: 20030317
Handler Name: FARR MANUFACTURING & ENGINEERING
Source Type: Notification
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator

Waste Code Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Hazardous Waste Code:		D001				
Waste Code Description:		IGNITABLE WASTE				
Hazardous Waste Code:		D002				
Waste Code Description:		CORROSIVE WASTE				
Hazardous Waste Code:		F001				
Waste Code Description:		THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				

Hazardous Waste Handler Details

Sequence No: 6
Receive Date: 20040305
Handler Name: FARR MANUFACTURING & ENGINEERING
Source Type: Notification
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: F001
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No: 7
Receive Date: 20050401
Handler Name: FARR MANUFACTURING & ENGINEERING
Source Type: Notification
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: F001
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Hazardous Waste Handler Details

Sequence No: 8
Receive Date: 20060313
Handler Name: FARR MANUFACTURING & ENGINEERING
Source Type: Notification
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: F001
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No: 9
Receive Date: 20070710
Handler Name: FARR MANUFACTURING & ENGINEERING
Source Type: Notification
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: F001
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No: 10
Receive Date: 20080116
Handler Name: FARR MANUFACTURING & ENGINEERING
Source Type: Notification
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Private
Street No:
Street 1: P.O. BOX 329

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Name:	FARR MFG & ENG				Street 2:	
Date Became Current:					City:	PARKERSBURG
Date Ended Current:					State:	WV
Phone:	304-375-6036				Country:	
Source Type:	Notification				Zip Code:	26102
Owner/Operator Ind:	Current Owner				Street No:	
Type:	Private				Street 1:	P.O. BOX 329
Name:	FARR MANUFACTURING & ENGINEERING				Street 2:	
Date Became Current:	20010101				City:	PARKERSBURG
Date Ended Current:					State:	WV
Phone:	304-375-6036				Country:	US
Source Type:	Notification				Zip Code:	26102
Owner/Operator Ind:	Current Operator				Street No:	
Type:	Private				Street 1:	
Name:	N/A				Street 2:	
Date Became Current:	20010101				City:	
Date Ended Current:					State:	
Phone:					Country:	
Source Type:	Notification				Zip Code:	
Owner/Operator Ind:	Current Operator				Street No:	
Type:	Private				Street 1:	
Name:	UNKNOWN				Street 2:	
Date Became Current:	20030317				City:	
Date Ended Current:					State:	
Phone:					Country:	US
Source Type:	Notification				Zip Code:	

Historical Handler Details

Receive Dt: 20070710
Generator Code Description: Small Quantity Generator
Handler Name: FARR MANUFACTURING & ENGINEERING

Receive Dt: 20060313
Generator Code Description: Small Quantity Generator
Handler Name: FARR MANUFACTURING & ENGINEERING

Receive Dt: 20050401
Generator Code Description: Small Quantity Generator
Handler Name: FARR MANUFACTURING & ENGINEERING

Receive Dt: 20040305
Generator Code Description: Small Quantity Generator
Handler Name: FARR MANUFACTURING & ENGINEERING

Receive Dt: 20030317
Generator Code Description: Small Quantity Generator
Handler Name: FARR MANUFACTURING & ENGINEERING

Receive Dt: 20020410
Generator Code Description: Small Quantity Generator
Handler Name: FARR MANUFACTURING & ENGINEERING

Receive Dt: 20020227
Generator Code Description: Not a Generator, Verified
Handler Name: FARR MANUFACTURING & ENGINEERING

Receive Dt: 20010320
Generator Code Description: Large Quantity Generator
Handler Name: FARR MANUFACTURING & ENGINEERING

Receive Dt: 20000120
Generator Code Description: Large Quantity Generator
Handler Name: FARR MANUFACTURING & ENGINEERING

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
9	1 of 1	N	0.24 / 1,250.16	517.93 / -22	Mid South Industrial Park 107 Emmett Ave Bowling Green KY 42101	UST

AI ID: 69186 **County:** Warren
Mail Addr Municip: Bowling Green **Latitude:** -86.476231
Mailing Addr State: KY **Longitude:** 36.970878
Mailing Addr Zip: 42101
AI Type: RETAIL- Retail Trade, Gasoline Stations (447)

Underground Storage Tanks

Subject Item ID:	1	Owner Name:	Ky-Tn Buidling Products
Tank Status:	TRM Removed Tank Verified	Tnk Ext Corr Prtct:	UNK Unknown
Temp Close Date:		Tnk Ovrfill Prvent:	UNK Unknown
Site Seq ID:	3558114	Pipe Material Desc:	SST Single Wall Steel
Tank Material:	SST Single Wall Steel	Pip Ext Corr Prtct:	UNK Unknown
Tank Inert Mterial:		Pipe Type Desc:	UNK Unknown
Tank Release Detect:	NON None	Tank Manufctr:	
Tank Spill Prevent:	UNK Unknown	Tank Install Date:	1/1/1976
Last Cont Prod Dt:		Lst Ln Leak Det Dt:	
Closed in Place Dt:		Lst Ln Test Dt:	
Removal Dt:	2/24/1992	Met Pipe Comp Cp:	
Service Change Dt:		Stp Sump:	
Last Tank Test Dt:		Lne Leak Detct Cd:	NA
Last CP Test Dt:		Pipe Rel Detct Cd:	UNK
Piping Install Dt:			
Pipe Manufctr:			
Overfill Liquid Tightness Date:			
Spill Liquid Tightness Date:			
Sump Liquid Tightness Date:			

Tank Compartment Information

Compartment No:	1	Tank Substance Cd:	GAS
Capacity MSR:	550	Tank Subst Desc:	GAS Gasoline

10	1 of 1	NNE	0.24 / 1,251.08	521.94 / -18	PARTS CLEANING TECHNOLOGIES	PFAS IND
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BOWLING GREEN KY

Status:	Active	Fac Fips Code:	21227
Fac Indian Cntry Flg:	No	Compliance Status:	No Violation Identified
Fac Derived Huc:	05110002	EPA Programs:	CWA; RCRA
Fac Derived Wbd:	051100020902	Federal Facility:	No
Fac Derived Cd113:	02	Federal Agency:	-
Fac Derived Cb2010:	212270109005011	Fac Snc Flg:	No
Fac Informal Count:	1	AIR Flag:	No
Last Informal Action:	2/23/2023	NPDES Flag:	Yes
Formal Action Count:	0	SDWIS Flag:	No
Last Formal Action:	-	RCRAFlag:	Yes
Fac Total Penalties:	0	TRI Flag:	No
Fac Penalty Count:	-	GHG Flag:	No
Date Last Penalty:	-	TRI IDs:	42101PRTSC37EMM
Last Penalty Amt:	-	TRI Releases Trnsfrs:	-
Fac Qtrs With Nc:	1	TRI on Site Releases:	-
Programs With Snc:	0	TRI off Site Trnsfrs:	-
Fac Percent Minority:	25.808	TRI Reporter:	-
Fac Pop Den:	1711.94	Fac Imp Water Flg:	Yes
Count:	1	Fac Major Flag:	-
Fac County:	WARREN	Fac Active Flag:	Yes
State Other :		Fac Inspection Count:	2
Region:	04	Date Last Inspection:	2/23/2023
Latitude:	36.97076	Days Last Inspection:	492

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Longitude:	-86.47498					
Fac Derived Tribes:	-					
AIR IDs:	-					
CAA Permit Types:	-					
CAA NAICS:	-					
CAA SICS:	-					
NPDES IDs:	KY0079723					
CWA Permit Types:	Non-M					
CWA NAICS:	332410					
CWA SICS:	3559					
RCRA IDs:	KYD006368112 KYD985114214					
RCRA Permit Types:	Other, SQG					
RCRA NAICS:	332813 48411 482111					
SDWA IDs:	-					
SDWA System Types:	-					
SDWA Compliance Status:	-					
SDWA Snc Flag:	No					
Fac Collection Meth:	ADDRESS MATCHING-HOUSE NUMBER					
EJSCREEN Flag Us:	Yes					
EJSCREEN Report:	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-86.47498,%22y%22:36.97076,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1					
ECHO Facility Report:	https://echo.epa.gov/detailed-facility-report?fid=110038496375					
Industry:	Metal Coating					

11 1 of 1 S 0.24 / 1,251.54 545.02 / 5 KENTUCKY MICRO FINISHING INCORPORATED PFAS IND BOWLING GREEN KY

Status:	Inactive	Fac Fips Code:	21227
Fac Indian Cntry Flg:	No	Compliance Status:	No Violation Identified
Fac Derived Huc:	05110002	EPA Programs:	RCRA
Fac Derived Wbd:	051100020902	Federal Facility:	No
Fac Derived Cd113:	02	Federal Agency:	-
Fac Derived Cb2010:	212270110021001	Fac Snc Flg:	No
Fac Informal Count:	0	AIR Flag:	No
Last Informal Action:	9/23/1994	NPDES Flag:	No
Formal Action Count:	0	SDWIS Flag:	No
Last Formal Action:	3/1/1991	RCRAFlag:	Yes
Fac Total Penalties:	0	TRI Flag:	No
Fac Penalty Count:	-	GHG Flag:	No
Date Last Penalty:	-	TRI IDs:	42102KNTCK2859I
Last Penalty Amt:	-	TRI Releases Trnsfrs:	-
Fac Qtrs With Nc:	0	TRI on Site Releases:	-
Programs With Snc:	0	TRI off Site Trnsfrs:	-
Fac Percent Minority:	24.808	TRI Reporter:	-
Fac Pop Den:	1703.34	Fac Imp Water Flg:	-
Count:	1	Fac Major Flag:	-
Fac County:	WARREN	Fac Active Flag:	-
State Other :		Fac Inspection Count:	0
Region:	04	Date Last Inspection:	12/5/1995
Latitude:	36.96237	Days Last Inspection:	10434
Longitude:	-86.47578		
Fac Derived Tribes:	-		
AIR IDs:	-		
CAA Permit Types:	-		
CAA NAICS:	-		
CAA SICS:	-		
NPDES IDs:	-		
CWA Permit Types:	-		
CWA NAICS:	-		
CWA SICS:	-		
RCRA IDs:	KYD985072586		
RCRA Permit Types:	Other		
RCRA NAICS:	332722 332813		
SDWA IDs:	-		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
SDWA System Types:		-				
SDWA Compliance Status:		-				
SDWA Snc Flag:		No				
Fac Collection Meth:		ADDRESS MATCHING-HOUSE NUMBER				
EJSCREEN Flag Us:		Yes				
EJSCREEN Report:		https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-86.47578,%22y%22:36.96237,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1				
ECHO Facility Report:		https://echo.epa.gov/detailed-facility-report?fid=110000380365				
Industry:		Metal Coating				

12	1 of 1	N	0.25 / 1,308.47	516.46 / -23	Southern States Bowling Green Co 224 Emmett Ave Bowling Green KY 42101	UST
AI ID:	64637			County:	Warren	
Mail Addr Municip:	Bowling Green			Latitude:	-86.475746	
Mailing Addr State:	KY			Longitude:	36.97138	
Mailing Addr Zip:	42101					
AI Type:	RETAIL- Retail Trade, Gasoline Stations (447)					

Underground Storage Tanks

Subject Item ID:	5	Owner Name:	Southern States Bowling Green Cooperative Inc
Tank Status:	TRM Removed Tank Verified	Tnk Ext Corr Prtct:	UNK Unknown
Temp Close Date:		Tnk Ovrfill Prvent:	UNK Unknown
Site Seq ID:	4775114	Pipe Material Desc:	SST Single Wall Steel
Tank Material:	SST Single Wall Steel	Pip Ext Corr Prtct:	UNK Unknown
Tank Inert Mterial:		Pipe Type Desc:	UNK Unknown
Tank Release Detect:	NON None	Tank Manufctr:	
Tank Spill Prevent:	UNK Unknown	Tank Install Date:	1/1/1978
Last Cont Prod Dt:		Lst Ln Leak Det Dt:	
Closed in Place Dt:		Lst Ln Test Dt:	
Removal Dt:	1/2/1990	Met Pipe Comp Cp:	
Service Change Dt:		Stp Sump:	
Last Tank Test Dt:		Lne Leak Detct Cd:	NA
Last CP Test Dt:		Pipe Rel Detct Cd:	UNK
Piping Install Dt:			
Pipe Manufctr:			
Overfill Liquid Tightness Date:			
Spill Liquid Tightness Date:			
Sump Liquid Tightness Date:			

Tank Compartment Information

Compartment No:	1	Tank Substance Cd:	GAS
Capacity MSR:	10000	Tank Subst Desc:	GAS Gasoline

Underground Storage Tanks

Subject Item ID:	1	Owner Name:	Southern States Bowling Green Cooperative Inc
Tank Status:	TRM Removed Tank Verified	Tnk Ext Corr Prtct:	UNK Unknown
Temp Close Date:		Tnk Ovrfill Prvent:	UNK Unknown
Site Seq ID:	4775114	Pipe Material Desc:	SST Single Wall Steel
Tank Material:	SST Single Wall Steel	Pip Ext Corr Prtct:	UNK Unknown
Tank Inert Mterial:		Pipe Type Desc:	UNK Unknown
Tank Release Detect:	NON None	Tank Manufctr:	
Tank Spill Prevent:	UNK Unknown	Tank Install Date:	1/1/1970
Last Cont Prod Dt:		Lst Ln Leak Det Dt:	
Closed in Place Dt:		Lst Ln Test Dt:	
Removal Dt:	1/2/1990	Met Pipe Comp Cp:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Service Change Dt: Last Tank Test Dt: Last CP Test Dt: Piping Install Dt: Pipe Manufctr: Overfill Liquid Tightness Date: Spill Liquid Tightness Date: Sump Liquid Tightness Date:	Stp Sump: Lne Leak Detct Cd: NA Pipe Rel Detct Cd: UNK
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Tank Compartment Information

Compartment No: 1 Capacity MSR: 2000	Tank Substance Cd: GAS Tank Subst Desc: GAS Gasoline
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Underground Storage Tanks

Subject Item ID: 6 Tank Status: TRM Removed Tank Verified Temp Close Date: Site Seq ID: 4775114 Tank Material: SST Single Wall Steel Tank Inert Mterial: Tank Release Detect: NON None Tank Spill Prevent: UNK Unknown Last Cont Prod Dt: Closed in Place Dt: Removal Dt: 12/21/1989 Service Change Dt: Last Tank Test Dt: Last CP Test Dt: Piping Install Dt: Pipe Manufctr: Overfill Liquid Tightness Date: Spill Liquid Tightness Date: Sump Liquid Tightness Date:	Owner Name: Southern States Bowling Green Cooperative Inc Tnk Ext Corr Prtct: UNK Unknown Tnk Ovrfill Prvent: UNK Unknown Pipe Material Desc: SST Single Wall Steel Pip Ext Corr Prtct: UNK Unknown Pipe Type Desc: UNK Unknown Tank Manufctr: Tank Install Date: 1/1/1901 Lst Ln Leak Det Dt: Lst Ln Test Dt: Met Pipe Comp Cp: Stp Sump: Lne Leak Detct Cd: NA Pipe Rel Detct Cd: UNK
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Tank Compartment Information

Compartment No: 1 Capacity MSR: 4000	Tank Substance Cd: KER Tank Subst Desc: KER Kerosene
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Underground Storage Tanks

Subject Item ID: 3 Tank Status: TRM Removed Tank Verified Temp Close Date: Site Seq ID: 4775114 Tank Material: SST Single Wall Steel Tank Inert Mterial: Tank Release Detect: NON None Tank Spill Prevent: UNK Unknown Last Cont Prod Dt: Closed in Place Dt: Removal Dt: 1/2/1990 Service Change Dt: Last Tank Test Dt: Last CP Test Dt: Piping Install Dt: Pipe Manufctr: Overfill Liquid Tightness Date: Spill Liquid Tightness Date: Sump Liquid Tightness Date:	Owner Name: Southern States Bowling Green Cooperative Inc Tnk Ext Corr Prtct: UNK Unknown Tnk Ovrfill Prvent: UNK Unknown Pipe Material Desc: SST Single Wall Steel Pip Ext Corr Prtct: UNK Unknown Pipe Type Desc: UNK Unknown Tank Manufctr: Tank Install Date: 1/1/1970 Lst Ln Leak Det Dt: Lst Ln Test Dt: Met Pipe Comp Cp: Stp Sump: Lne Leak Detct Cd: NA Pipe Rel Detct Cd: UNK
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Tank Compartment Information

Compartment No:	1	Tank Substance Cd:	DSL
Capacity MSR:	2000	Tank Subst Desc:	DSL Diesel

Underground Storage Tanks

Subject Item ID:	7	Owner Name:	Southern States Bowling Green Cooperative Inc
Tank Status:	TRM Removed Tank Verified	Tnk Ext Corr Prtct:	UNK Unknown
Temp Close Date:		Tnk Ovrfill Prvent:	UNK Unknown
Site Seq ID:	4775114	Pipe Material Desc:	SST Single Wall Steel
Tank Material:	SST Single Wall Steel	Pip Ext Corr Prtct:	UNK Unknown
Tank Inert Mterial:		Pipe Type Desc:	UNK Unknown
Tank Release Detect:	NON None	Tank Manufctr:	
Tank Spill Prevent:	UNK Unknown	Tank Install Date:	1/1/1901
Last Cont Prod Dt:		Lst Ln Leak Det Dt:	
Closed in Place Dt:		Lst Ln Test Dt:	
Removal Dt:	12/21/1989	Met Pipe Comp Cp:	
Service Change Dt:		Stp Sump:	
Last Tank Test Dt:		Lne Leak Detct Cd:	NA
Last CP Test Dt:		Pipe Rel Detct Cd:	UNK
Piping Install Dt:			
Pipe Manufctr:			
Overfill Liquid Tightness Date:			
Spill Liquid Tightness Date:			
Sump Liquid Tightness Date:			

Tank Compartment Information

Compartment No:	1	Tank Substance Cd:	KER
Capacity MSR:	1000	Tank Subst Desc:	KER Kerosene

Underground Storage Tanks

Subject Item ID:	8	Owner Name:	Southern States Bowling Green Cooperative Inc
Tank Status:	TRM Removed Tank Verified	Tnk Ext Corr Prtct:	UNK Unknown
Temp Close Date:		Tnk Ovrfill Prvent:	UNK Unknown
Site Seq ID:	4775114	Pipe Material Desc:	SST Single Wall Steel
Tank Material:	SST Single Wall Steel	Pip Ext Corr Prtct:	UNK Unknown
Tank Inert Mterial:		Pipe Type Desc:	UNK Unknown
Tank Release Detect:	NON None	Tank Manufctr:	
Tank Spill Prevent:	UNK Unknown	Tank Install Date:	1/1/1901
Last Cont Prod Dt:		Lst Ln Leak Det Dt:	
Closed in Place Dt:		Lst Ln Test Dt:	
Removal Dt:	12/21/1989	Met Pipe Comp Cp:	
Service Change Dt:		Stp Sump:	
Last Tank Test Dt:		Lne Leak Detct Cd:	NA
Last CP Test Dt:		Pipe Rel Detct Cd:	UNK
Piping Install Dt:			
Pipe Manufctr:			
Overfill Liquid Tightness Date:			
Spill Liquid Tightness Date:			
Sump Liquid Tightness Date:			

Tank Compartment Information

Compartment No:	1	Tank Substance Cd:	GAS
Capacity MSR:	10000	Tank Subst Desc:	GAS Gasoline

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Underground Storage Tanks

Subject Item ID:	2	Owner Name:	Southern States Bowling Green Cooperative Inc
Tank Status:	TRM Removed Tank Verified	Tnk Ext Corr Prtct:	UNK Unknown
Temp Close Date:		Tnk Ovrfill Prvent:	UNK Unknown
Site Seq ID:	4775114	Pipe Material Desc:	SST Single Wall Steel
Tank Material:	SST Single Wall Steel	Pip Ext Corr Prtct:	UNK Unknown
Tank Inert Mterial:		Pipe Type Desc:	UNK Unknown
Tank Release Detect:	NON None	Tank Manufctr:	
Tank Spill Prevent:	UNK Unknown	Tank Install Date:	1/1/1970
Last Cont Prod Dt:		Lst Ln Leak Det Dt:	
Closed in Place Dt:		Lst Ln Test Dt:	
Removal Dt:	1/2/1990	Met Pipe Comp Cp:	
Service Change Dt:		Stp Sump:	
Last Tank Test Dt:		Lne Leak Detct Cd:	NA
Last CP Test Dt:		Pipe Rel Detct Cd:	UNK
Piping Install Dt:			
Pipe Manufctr:			
Overfill Liquid Tightness Date:			
Spill Liquid Tightness Date:			
Sump Liquid Tightness Date:			

Tank Compartment Information

Compartment No:	1	Tank Substance Cd:	GAS
Capacity MSR:	2000	Tank Subst Desc:	GAS Gasoline

Underground Storage Tanks

Subject Item ID:	4	Owner Name:	Southern States Bowling Green Cooperative Inc
Tank Status:	TRM Removed Tank Verified	Tnk Ext Corr Prtct:	UNK Unknown
Temp Close Date:		Tnk Ovrfill Prvent:	UNK Unknown
Site Seq ID:	4775114	Pipe Material Desc:	SST Single Wall Steel
Tank Material:	SST Single Wall Steel	Pip Ext Corr Prtct:	UNK Unknown
Tank Inert Mterial:		Pipe Type Desc:	UNK Unknown
Tank Release Detect:	NON None	Tank Manufctr:	
Tank Spill Prevent:	UNK Unknown	Tank Install Date:	1/1/1978
Last Cont Prod Dt:		Lst Ln Leak Det Dt:	
Closed in Place Dt:		Lst Ln Test Dt:	
Removal Dt:	1/2/1990	Met Pipe Comp Cp:	
Service Change Dt:		Stp Sump:	
Last Tank Test Dt:		Lne Leak Detct Cd:	NA
Last CP Test Dt:		Pipe Rel Detct Cd:	UNK
Piping Install Dt:			
Pipe Manufctr:			
Overfill Liquid Tightness Date:			
Spill Liquid Tightness Date:			
Sump Liquid Tightness Date:			

Tank Compartment Information

Compartment No:	1	Tank Substance Cd:	DSL
Capacity MSR:	10000	Tank Subst Desc:	DSL Diesel

Underground Storage Tanks

Subject Item ID:	9	Owner Name:	Southern States Bowling Green Cooperative Inc
Tank Status:	TRM Removed Tank Verified	Tnk Ext Corr Prtct:	UNK Unknown
Temp Close Date:		Tnk Ovrfill Prvent:	UNK Unknown
Site Seq ID:	4775114	Pipe Material Desc:	SST Single Wall Steel
Tank Material:	SST Single Wall Steel	Pip Ext Corr Prtct:	UNK Unknown

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Tank Inert Mterial:					Pipe Type Desc: UNK Unknown	
Tank Release Detect:	NON None				Tank Manufctr:	
Tank Spill Prevent:	UNK Unknown				Tank Install Date: 1/1/1901	
Last Cont Prod Dt:					Lst Ln Leak Det Dt:	
Closed in Place Dt:					Lst Ln Test Dt:	
Removal Dt:	12/21/1989				Met Pipe Comp Cp:	
Service Change Dt:					Stp Sump:	
Last Tank Test Dt:					Lne Leak Detct Cd: NA	
Last CP Test Dt:					Pipe Rel Detct Cd: UNK	
Piping Install Dt:						
Pipe Manufctr:						
Overfill Liquid Tightness Date:						
Spill Liquid Tightness Date:						
Sump Liquid Tightness Date:						

Tank Compartment Information

Compartment No:	1	Tank Substance Cd:	GAS
Capacity MSR:	6000	Tank Subst Desc:	GAS Gasoline

Underground Storage Tanks

Subject Item ID:	10	Owner Name:	Southern States Bowling Green Cooperative Inc
Tank Status:	TRM Removed Tank Verified	Tnk Ext Corr Prtct:	UNK Unknown
Temp Close Date:		Tnk Ovrfill Prvent:	UNK Unknown
Site Seq ID:	4775114	Pipe Material Desc:	SST Single Wall Steel
Tank Material:	SST Single Wall Steel	Pip Ext Corr Prtct:	UNK Unknown
Tank Inert Mterial:		Pipe Type Desc:	UNK Unknown
Tank Release Detect:	NON None	Tank Manufctr:	
Tank Spill Prevent:	UNK Unknown	Tank Install Date:	1/1/1966
Last Cont Prod Dt:		Lst Ln Leak Det Dt:	
Closed in Place Dt:		Lst Ln Test Dt:	
Removal Dt:	12/21/1989	Met Pipe Comp Cp:	
Service Change Dt:		Stp Sump:	
Last Tank Test Dt:		Lne Leak Detct Cd:	NA
Last CP Test Dt:		Pipe Rel Detct Cd:	UNK
Piping Install Dt:			
Pipe Manufctr:			
Overfill Liquid Tightness Date:			
Spill Liquid Tightness Date:			
Sump Liquid Tightness Date:			

Tank Compartment Information

Compartment No:	1	Tank Substance Cd:	DSL
Capacity MSR:	6000	Tank Subst Desc:	DSL Diesel

13	1 of 2	SW	0.25 / 1,315.55	538.05 / -2	DESA HEATING LLC 2701 INDUSTRIAL DR BOWLING GREEN KY 42102	RCRA NON GEN
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EPA Handler ID:	KYD041980764
Gen Status Universe:	No Report
Contact Name:	RICHARD HARRIS
Contact Address:	P.O. BOX 90004 , , BOWLING GREEN , KY, 42102-9004 , US
Contact Phone No and Ext:	270-781-9600
Contact Email:	
Contact Country:	US
County Name:	WARREN
EPA Region:	04
Land Type:	Private
Receive Date:	20100628
Location Latitude:	
Location Longitude:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Violation/Evaluation Summary

Note: VIOLATION or UNDETERMINED: There are VIOLATION or UNDETERMINED details or records associated with this facility (EPA ID) in the Compliance Monitoring and Enforcement table dated Apr, 2024.

Violation Details

Found Violation: Yes
Citation: SR - 35:020 SEC 7(4)
Violation Short Description: Generators - Records/Reporting
Violation Type: 262.D
Violation Determined Date: 19930324
Scheduled Compliance Date: 19930430
Return to Compliance: Observed
Actual Return to Compl: 19930427
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19930407
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: Generators - General
Violation Type: 262.A
Violation Determined Date: 19890725
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 19891109
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19890725
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 19891109
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount: 1350
Final Amount: 1350
Paid Amount:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Violation Details

Found Violation: Yes
Citation:
Violation Short Description: LDR - General
Violation Type: 268.A
Violation Determined Date: 19890414
Scheduled Compliance Date: 19890427
Return to Compliance: Observed
Actual Return to Compl: 19891025
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19890424
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: Generators - General
Violation Type: 262.A
Violation Determined Date: 19870319
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 19871112
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 19871112
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount: 1000
Final Amount: 1000
Paid Amount: 1000

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: LDR - General
Violation Type: 268.A
Violation Determined Date: 19870319
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 19891025
Violation Responsible Agency: EPA

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: Formal Enforcement Agreement or Order
Violation Type: FEA
Violation Determined Date: 19861001
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 19871112
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19861001
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: Generators - General
Violation Type: 262.A
Violation Determined Date: 19860429
Scheduled Compliance Date: 19871220
Return to Compliance: Observed
Actual Return to Compl: 19871112
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 19871112
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount: 1000
Final Amount: 1000
Paid Amount: 1000

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: Generators - General
Violation Type: 262.A
Violation Determined Date: 19850312
Scheduled Compliance Date: 19871220
Return to Compliance: Observed
Actual Return to Compl: 19860429
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Enforcement Action Date:		19871112				
Enf Disposition Status:						
Disposition Status Date:						
Enforcement Lead Agency:		State				
Proposed Penalty Amount:		1000				
Final Amount:		1000				
Paid Amount:		1000				
<u>Evaluation Details</u>						
Evaluation Start Date:		20100625				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION				
Violation Short Description:						
Return to Compliance Date:						
Evaluation Agency:		State				
Evaluation Start Date:		20090924				
Evaluation Type Description:		NON-FINANCIAL RECORD REVIEW				
Violation Short Description:						
Return to Compliance Date:						
Evaluation Agency:		State				
Evaluation Start Date:		20080819				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION				
Violation Short Description:						
Return to Compliance Date:						
Evaluation Agency:		State				
Evaluation Start Date:		20050310				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION				
Violation Short Description:						
Return to Compliance Date:						
Evaluation Agency:		State				
Evaluation Start Date:		20030909				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION				
Violation Short Description:						
Return to Compliance Date:						
Evaluation Agency:		State				
Evaluation Start Date:		20021015				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION				
Violation Short Description:						
Return to Compliance Date:						
Evaluation Agency:		State				
Evaluation Start Date:		20001205				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION				
Violation Short Description:						
Return to Compliance Date:						
Evaluation Agency:		State				
Evaluation Start Date:		19950825				
Evaluation Type Description:		COMPLIANCE SCHEDULE EVALUATION				
Violation Short Description:		Generators - General				
Return to Compliance Date:		19860429				
Evaluation Agency:		State				
Evaluation Start Date:		19930427				
Evaluation Type Description:		COMPLIANCE SCHEDULE EVALUATION				
Violation Short Description:		Generators - Records/Reporting				
Return to Compliance Date:		19930427				
Evaluation Agency:		State				
Evaluation Start Date:		19930324				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION				
Violation Short Description:		Generators - Records/Reporting				
Return to Compliance Date:		19930427				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<i>Evaluation Agency:</i>		State				
<i>Evaluation Start Date:</i>		19910524				
<i>Evaluation Type Description:</i>		NON-FINANCIAL RECORD REVIEW				
<i>Violation Short Description:</i>						
<i>Return to Compliance Date:</i>						
<i>Evaluation Agency:</i>		State				
<i>Evaluation Start Date:</i>		19910322				
<i>Evaluation Type Description:</i>		COMPLIANCE EVALUATION INSPECTION				
<i>Violation Short Description:</i>						
<i>Return to Compliance Date:</i>						
<i>Evaluation Agency:</i>		State				
<i>Evaluation Start Date:</i>		19900822				
<i>Evaluation Type Description:</i>		NON-FINANCIAL RECORD REVIEW				
<i>Violation Short Description:</i>						
<i>Return to Compliance Date:</i>						
<i>Evaluation Agency:</i>		State				
<i>Evaluation Start Date:</i>		19891109				
<i>Evaluation Type Description:</i>		COMPLIANCE SCHEDULE EVALUATION				
<i>Violation Short Description:</i>						
<i>Return to Compliance Date:</i>						
<i>Evaluation Agency:</i>		State				
<i>Evaluation Start Date:</i>		19891025				
<i>Evaluation Type Description:</i>		COMPLIANCE SCHEDULE EVALUATION				
<i>Violation Short Description:</i>						
<i>Return to Compliance Date:</i>						
<i>Evaluation Agency:</i>		State				
<i>Evaluation Start Date:</i>		19891025				
<i>Evaluation Type Description:</i>		COMPLIANCE EVALUATION INSPECTION				
<i>Violation Short Description:</i>						
<i>Return to Compliance Date:</i>						
<i>Evaluation Agency:</i>		State				
<i>Evaluation Start Date:</i>		19890725				
<i>Evaluation Type Description:</i>		NON-FINANCIAL RECORD REVIEW				
<i>Violation Short Description:</i>		Generators - General				
<i>Return to Compliance Date:</i>		19891109				
<i>Evaluation Agency:</i>		State				
<i>Evaluation Start Date:</i>		19890531				
<i>Evaluation Type Description:</i>		NON-FINANCIAL RECORD REVIEW				
<i>Violation Short Description:</i>						
<i>Return to Compliance Date:</i>						
<i>Evaluation Agency:</i>		State				
<i>Evaluation Start Date:</i>		19890414				
<i>Evaluation Type Description:</i>		COMPLIANCE EVALUATION INSPECTION				
<i>Violation Short Description:</i>		LDR - General				
<i>Return to Compliance Date:</i>		19891025				
<i>Evaluation Agency:</i>		State				
<i>Evaluation Start Date:</i>		19870319				
<i>Evaluation Type Description:</i>		COMPLIANCE EVALUATION INSPECTION				
<i>Violation Short Description:</i>		LDR - General				
<i>Return to Compliance Date:</i>		19891025				
<i>Evaluation Agency:</i>		EPA				
<i>Evaluation Start Date:</i>		19870319				
<i>Evaluation Type Description:</i>		COMPLIANCE EVALUATION INSPECTION				
<i>Violation Short Description:</i>		Generators - General				
<i>Return to Compliance Date:</i>		19871112				
<i>Evaluation Agency:</i>		State				
<i>Evaluation Start Date:</i>		19861001				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Violation Short Description: Formal Enforcement Agreement or Order
Return to Compliance Date: 19871112
Evaluation Agency: State

Evaluation Start Date: 19860429
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Violation Short Description: Generators - General
Return to Compliance Date: 19871112
Evaluation Agency: State

Evaluation Start Date: 19850312
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Violation Short Description: Generators - General
Return to Compliance Date: 19860429
Evaluation Agency: State

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19900301
Handler Name: DESA INTERNATIONAL, INC.
Source Type: Annual/Biennial Report
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 19920301
Handler Name: DESA INTERNATIONAL, INC.
Source Type: Annual/Biennial Report
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 19940301
Handler Name: DESA INTERNATIONAL, INC.
Source Type: Annual/Biennial Report
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator

Hazardous Waste Handler Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Sequence No: 4
Receive Date: 19960301
Handler Name: DESA INTERNATIONAL, INC.
Source Type: Annual/Biennial Report
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator

Hazardous Waste Handler Details

Sequence No: 5
Receive Date: 19980301
Handler Name: DESA INTERNATIONAL, INC.
Source Type: Annual/Biennial Report
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20000620
Handler Name: DESA INTERNATIONAL INC
Source Type: Notification
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator

Hazardous Waste Handler Details

Sequence No: 6
Receive Date: 20001127
Handler Name: DESA INTERNATIONAL INC.
Source Type: Annual/Biennial Report
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20001208
Handler Name: DESA INTERNATIONAL INC
Source Type: Notification
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 20010226
Handler Name: DESA INTERNATIONAL INC
Source Type: Notification
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator

Hazardous Waste Handler Details

Sequence No: 4
Receive Date: 20010618
Handler Name: DESA INTERNATIONAL INC
Source Type: Notification
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Hazardous Waste Handler Details

Sequence No: 7
Receive Date: 20020415
Handler Name: DESA INTERNATIONAL INC.
Source Type: Annual/Biennial Report
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator

Hazardous Waste Handler Details

Sequence No: 5
Receive Date: 20020618
Handler Name: DESA INTERNATIONAL INC
Source Type: Notification
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No: 6
Receive Date: 20030113
Handler Name: DESA INTERNATIONAL INC
Source Type: Notification
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Hazardous Waste Handler Details

Sequence No: 7
 Receive Date: 20030616
 Handler Name: DESA HEATING LLC
 Source Type: Notification
 Federal Waste Generator Code: 2
 Generator Code Description: Small Quantity Generator

Waste Code Details

Hazardous Waste Code: D008
 Waste Code Description: LEAD

Hazardous Waste Handler Details

Sequence No: 8
 Receive Date: 20040622
 Handler Name: DESA HEATING LLC
 Source Type: Notification
 Federal Waste Generator Code: 2
 Generator Code Description: Small Quantity Generator

Waste Code Details

Hazardous Waste Code: D001
 Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D008
 Waste Code Description: LEAD

Hazardous Waste Code: F003
 Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No: 9
 Receive Date: 20050622
 Handler Name: DESA HEATING LLC
 Source Type: Notification
 Federal Waste Generator Code: 2
 Generator Code Description: Small Quantity Generator

Waste Code Details

Hazardous Waste Code: D001
 Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D008
 Waste Code Description: LEAD

Hazardous Waste Code: D009
 Waste Code Description: MERCURY

Hazardous Waste Code: F003
 Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No: 10
Receive Date: 20060223
Handler Name: DESA HEATING LLC
Source Type: Notification
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No: 11
Receive Date: 20060602
Handler Name: DESA HEATING LLC
Source Type: Notification
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004,

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No: 12
 Receive Date: 20070604
 Handler Name: DESA HEATING LLC
 Source Type: Notification
 Federal Waste Generator Code: 2
 Generator Code Description: Small Quantity Generator

Waste Code Details

Hazardous Waste Code: D001
 Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
 Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D008
 Waste Code Description: LEAD

Hazardous Waste Code: D009
 Waste Code Description: MERCURY

Hazardous Waste Code: F003
 Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No: 13
 Receive Date: 20080402
 Handler Name: DESA HEATING LLC
 Source Type: Notification
 Federal Waste Generator Code: 1
 Generator Code Description: Large Quantity Generator

Waste Code Details

Hazardous Waste Code: D001
 Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
 Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D008
 Waste Code Description: LEAD

Hazardous Waste Code: D009
 Waste Code Description: MERCURY

Hazardous Waste Code: F003
 Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No: 14
Receive Date: 20090828
Handler Name: DESA HEATING LLC
Source Type: Notification
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No: 15
Receive Date: 20100628
Handler Name: DESA HEATING LLC
Source Type: Notification
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Operator	Street No: 2701
Type: Private	Street 1: INDUSTRIAL DRIVE
Name: DESA HEATING LLC	Street 2:
Date Became Current: 20030113	City: BOWLING GREEN
Date Ended Current:	State: KY
Phone: 270-780-9600	Country: US
Source Type: Notification	Zip Code: 42102

Owner/Operator Ind: Current Owner **Street No:**

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:	Private				Street 1: ONE FEDERAL ST, 21ST FL	
Name:	JW CHILDS ASSOCIATES LP				Street 2:	
Date Became Current:	20010226				City: BOSTON	
Date Ended Current:					State: MA	
Phone:	617-753-1100				Country:	
Source Type:	Notification				Zip Code: 02110	
Owner/Operator Ind:	Current Owner				Street No:	
Type:	Private				Street 1: PO BOX 90004	
Name:	DESA US LLC				Street 2:	
Date Became Current:	20030113				City: BOWLING GREEN	
Date Ended Current:					State: KY	
Phone:	270-780-9600				Country: US	
Source Type:	Notification				Zip Code: 42102	
Owner/Operator Ind:	Current Owner				Street No:	
Type:	Private				Street 1: ONE FEDERAL ST, 21ST FL	
Name:	JW CHILDS ASSOCIATES LP				Street 2:	
Date Became Current:	20010226				City: BOSTON	
Date Ended Current:					State: MA	
Phone:	617-753-1100				Country: US	
Source Type:	Notification				Zip Code: 02110	

Historical Handler Details

Receive Dt:	20090828
Generator Code Description:	Large Quantity Generator
Handler Name:	DESA HEATING LLC
Receive Dt:	20080402
Generator Code Description:	Large Quantity Generator
Handler Name:	DESA HEATING LLC
Receive Dt:	20070604
Generator Code Description:	Small Quantity Generator
Handler Name:	DESA HEATING LLC
Receive Dt:	20060602
Generator Code Description:	Small Quantity Generator
Handler Name:	DESA HEATING LLC
Receive Dt:	20060223
Generator Code Description:	Small Quantity Generator
Handler Name:	DESA HEATING LLC
Receive Dt:	20050622
Generator Code Description:	Small Quantity Generator
Handler Name:	DESA HEATING LLC
Receive Dt:	20040622
Generator Code Description:	Small Quantity Generator
Handler Name:	DESA HEATING LLC
Receive Dt:	20030616
Generator Code Description:	Small Quantity Generator
Handler Name:	DESA HEATING LLC
Receive Dt:	20030113
Generator Code Description:	Large Quantity Generator
Handler Name:	DESA INTERNATIONAL INC
Receive Dt:	20020618
Generator Code Description:	Large Quantity Generator
Handler Name:	DESA INTERNATIONAL INC
Receive Dt:	20020415
Generator Code Description:	Large Quantity Generator
Handler Name:	DESA INTERNATIONAL INC.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<i>Receive Dt:</i>		20010618				
<i>Generator Code Description:</i>		Large Quantity Generator				
<i>Handler Name:</i>		DESA INTERNATIONAL INC				
<i>Receive Dt:</i>		20010226				
<i>Generator Code Description:</i>		Large Quantity Generator				
<i>Handler Name:</i>		DESA INTERNATIONAL INC				
<i>Receive Dt:</i>		20001208				
<i>Generator Code Description:</i>		Large Quantity Generator				
<i>Handler Name:</i>		DESA INTERNATIONAL INC				
<i>Receive Dt:</i>		20001127				
<i>Generator Code Description:</i>		Large Quantity Generator				
<i>Handler Name:</i>		DESA INTERNATIONAL INC.				
<i>Receive Dt:</i>		20000620				
<i>Generator Code Description:</i>		Large Quantity Generator				
<i>Handler Name:</i>		DESA INTERNATIONAL INC				
<i>Receive Dt:</i>		19980301				
<i>Generator Code Description:</i>		Large Quantity Generator				
<i>Handler Name:</i>		DESA INTERNATIONAL, INC.				
<i>Receive Dt:</i>		19960301				
<i>Generator Code Description:</i>		Large Quantity Generator				
<i>Handler Name:</i>		DESA INTERNATIONAL, INC.				
<i>Receive Dt:</i>		19940301				
<i>Generator Code Description:</i>		Large Quantity Generator				
<i>Handler Name:</i>		DESA INTERNATIONAL, INC.				
<i>Receive Dt:</i>		19920301				
<i>Generator Code Description:</i>		Large Quantity Generator				
<i>Handler Name:</i>		DESA INTERNATIONAL, INC.				
<i>Receive Dt:</i>		19900301				
<i>Generator Code Description:</i>		Large Quantity Generator				
<i>Handler Name:</i>		DESA INTERNATIONAL, INC.				

13 2 of 2 **SW** **0.25 / 1,315.55** **538.05 / -2** **Desa US LLC** **SHWS**
2701 Industry Dr
Bowling Green KY 42101

<i>AI ID (KORA):</i>	4105	<i>AI ID:</i>	4105
<i>AI Name (KORA):</i>	Desa US LLC	<i>AI Name:</i>	Desa US LLC
<i>Addr Line 1 (KORA):</i>	2701 Industry Dr	<i>AI Address Line 1:</i>	2701 Industry Dr
<i>Addr Line 2 (KORA):</i>		<i>AI Address Line 2:</i>	
<i>AI City (KORA):</i>	Bowling Green	<i>AI City:</i>	Bowling Green
<i>AI State (KORA):</i>	KY	<i>AI State:</i>	KY
<i>AI Zip (KORA):</i>	42101	<i>AI Zip:</i>	42101
<i>AI Lat (KORA):</i>	36.965	<i>AI Latitude:</i>	36.965
<i>AI Long (KORA):</i>	-86.475278	<i>AI Longitude:</i>	-86.475278
<i>AI County (KORA):</i>	Warren	<i>AI County:</i>	Warren
<i>Source:</i>	Superfund Sites List; State Leads Priority List Report		

Detail

<i>AAZZ No:</i>	1	<i>SI Address Line 1:</i>	2701 INDUSTRIAL DR
<i>Site Status:</i>	Closed	<i>SI Address Line 2:</i>	
<i>Closure Option:</i>	Option A No Action Necessary	<i>SI City:</i>	Bowling Green
<i>Closure Date:</i>	9/12/2001	<i>SI State:</i>	KY
<i>Regulatory Desc:</i>	Petroleum Cleanup	<i>SI Zip:</i>	42101
<i>SI Desg:</i>	33223	<i>SI Long:</i>	-86.47443
<i>SI County:</i>	Warren	<i>SI Lat:</i>	36.96531
<i>Acreage:</i>			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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SI Description: DESA INTERNATIONAL (Closed: No Action Necessary)

Superfund Site Details (KORA)

Si ID:	1	Address Line 1:	2701 INDUSTRIAL DR
Si Type:	DESA INTERNATIONAL (Closed: No Action Necessary)	Address Line 2:	
Site Status:	Closed	Latitude:	36.96531
Closure Date:	09/12/2001	Longitude:	-86.47443
Closure Option:	Option A No Action Necessary	County:	Warren
Designation:	33223	Reg Section:	Petroleum Cleanup
Acreage:			

14	1 of 3	N	0.25 / 1,329.54	517.53 / -22	DETREX CHEMICAL INDUSTRIES, INC. 121 EAST EMMET DR. BOWLING GREEN KY 42101	CERCLIS
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Site ID:	0404611	RNPL Status Code:	N
Site EPA ID:	KYD006368112	NPL Status:	Not on the NPL
Site Street Address 2:		RFED Facility Code:	N
Site County Name:	WARREN	RFED Facility Desc:	Not a Federal Facility
Site FIPS Code:	21227	USGS Hydro Unit No.:	05110002
Region Code:	04	Site Cong. Dist. Code:	02
Site SMSA No.:		ROT Desc:	Unknown
Site Prim. Latitude:	37D58M11S	FR NPL Update No.:	
Site Prim. Longitude:	086D28M29S	RFRA Code:	
Lat Long Source:			
RNON NPL Status Desc:	NFRAP-Site does not qualify for the NPL based on existing information		

CERCLIS Assess History

OU ID:	00	RALT Short Name:	EPA Fund
Act Code ID:	001	Act Start Date:	
RAT Code:	DS	Act Complete Date:	8/29/1987 00:00:00
RAT Short Name:	DISCVRY	AGT Order No.:	10
RAT Name:	DISCOVERY	SH OU:	
RAT Hist. Only Flag:		SH Code:	
RAT NSI Indicator:	B	SH Seq:	
RAT Level:	1	SH Start Date:	
RAT DEF OU:	00	SH Complete Date:	
RFBS Code:		SH Lead:	
SPA Code:	13		
RAT Def:	The process by which a potential hazardous waste site is brought to the attention of the EPA. The process can occur through the use of several mechanisms such as a phone call or referral by another government agency.		
Site Desc:			
Site Alias:			

CERCLIS Assess History

OU ID:	00	RALT Short Name:	
Act Code ID:		Act Start Date:	
RAT Code:		Act Complete Date:	
RAT Short Name:		AGT Order No.:	0
RAT Name:		SH OU:	
RAT Hist. Only Flag:		SH Code:	
RAT NSI Indicator:		SH Seq:	
RAT Level:		SH Start Date:	
RAT DEF OU:		SH Complete Date:	
RFBS Code:		SH Lead:	
SPA Code:			
RAT Def:			
Site Desc:	No description available		
Site Alias:	DETREX CHEMICAL INDUSTRIES, INC.,WARREN,KY,;		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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CERCLIS Assess History

OU ID:	00	RALT Short Name:	State (Fund)
Act Code ID:	001	Act Start Date:	
RAT Code:	SI	Act Complete Date:	4/26/1994 00:00:00
RAT Short Name:	SI	AGT Order No.:	160
RAT Name:	SITE INSPECTION	SH OU:	
RAT Hist. Only Flag:		SH Code:	
RAT NSI Indicator:	B	SH Seq:	
RAT Level:	1	SH Start Date:	
RAT DEF OU:	00	SH Complete Date:	
RFBS Code:	P	SH Lead:	
SPA Code:	13		
RAT Def:	The process of collecting site data and samples to characterize the severity of the hazard for the hazard ranking score and/or enforcement support.		
Site Desc:			
Site Alias:			

CERCLIS Assess History

OU ID:	00	RALT Short Name:	EPA In-House
Act Code ID:	001	Act Start Date:	
RAT Code:	VS	Act Complete Date:	4/26/1994 00:00:00
RAT Short Name:	ARCH SITE	AGT Order No.:	1500
RAT Name:	ARCHIVE SITE	SH OU:	
RAT Hist. Only Flag:		SH Code:	
RAT NSI Indicator:	B	SH Seq:	
RAT Level:	1	SH Start Date:	
RAT DEF OU:	00	SH Complete Date:	
RFBS Code:		SH Lead:	
SPA Code:	13		
RAT Def:	The decision is made that no further activity is planned at the site.		
Site Desc:			
Site Alias:			

CERCLIS Assess History

OU ID:	00	RALT Short Name:	State (Fund)
Act Code ID:	001	Act Start Date:	8/29/1987 00:00:00
RAT Code:	PA	Act Complete Date:	8/31/1987 00:00:00
RAT Short Name:	PA	AGT Order No.:	130
RAT Name:	PRELIMINARY ASSESSMENT	SH OU:	
RAT Hist. Only Flag:		SH Code:	
RAT NSI Indicator:	B	SH Seq:	
RAT Level:	1	SH Start Date:	
RAT DEF OU:	00	SH Complete Date:	
RFBS Code:	P	SH Lead:	
SPA Code:	13		
RAT Def:	Collection of diverse existing information about the source and nature of the site hazard. It is EPA policy to complete the preliminary assessment within one year of site discovery.		
Site Desc:			
Site Alias:			

14	2 of 3	N	0.25 / 1,329.54	517.53 / -22	DETREX CHEMICAL INDUSTRIES, INC. 121 EAST EMMET DR. BOWLING GREEN KY 42101	CERCLIS NFRAP
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Site ID:	404611	Site FIPS Code:	21227
Site EPA ID:	KYD006368112	Region Code:	4
Site Parent ID:		Site Cong. Dist. Code:	2
Site County Name:	WARREN	Federal Facility:	
Parent Site Name:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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CERCLIS-NFRAP Assess History

OU ID:	0	Act Start Date:	8/29/1987
Act Code ID:	1	Act Complete Date:	8/31/1987
RAT Code:	PA	AGT Order No.:	130
RAT Short Name:	PA	SH OU:	
RAT Name:	PRELIMINARY ASSESSMENT	SH Code:	
RAT Hist. Only Flag:		SH Seq:	
RAT NSI Indicator:	B	SH Start Date:	
RAT Level:	1	SH Complete Date:	
RAT DEF OU:	00	SH Lead:	
RFBS Code:	P	SH Qual:	
SPA Code:	13	RAQ Act. Qual Short:	Low priority
RALT Short Name:	State (Fund)	RNPL Status Code:	N
RAT Def:	Collection of diverse existing information about the source and nature of the site hazard. It is EPA policy to complete the preliminary assessment within one year of site discovery.		
RNON NPL Status Desc:	NFRAP-Site does not qualify for the NPL based on existing information		

CERCLIS-NFRAP Assess History

OU ID:	0	Act Start Date:	
Act Code ID:	1	Act Complete Date:	4/26/1994
RAT Code:	VS	AGT Order No.:	1500
RAT Short Name:	ARCH SITE	SH OU:	
RAT Name:	ARCHIVE SITE	SH Code:	
RAT Hist. Only Flag:		SH Seq:	
RAT NSI Indicator:	B	SH Start Date:	
RAT Level:	1	SH Complete Date:	
RAT DEF OU:	00	SH Lead:	
RFBS Code:		SH Qual:	
SPA Code:	13	RAQ Act. Qual Short:	
RALT Short Name:	EPA In-House	RNPL Status Code:	N
RAT Def:	The decision is made that no further activity is planned at the site.		
RNON NPL Status Desc:	NFRAP-Site does not qualify for the NPL based on existing information		

CERCLIS-NFRAP Assess History

OU ID:	0	Act Start Date:	
Act Code ID:	1	Act Complete Date:	8/29/1987
RAT Code:	DS	AGT Order No.:	10
RAT Short Name:	DISCVRY	SH OU:	
RAT Name:	DISCOVERY	SH Code:	
RAT Hist. Only Flag:		SH Seq:	
RAT NSI Indicator:	B	SH Start Date:	
RAT Level:	1	SH Complete Date:	
RAT DEF OU:	00	SH Lead:	
RFBS Code:		SH Qual:	
SPA Code:	13	RAQ Act. Qual Short:	
RALT Short Name:	EPA Fund	RNPL Status Code:	N
RAT Def:	The process by which a potential hazardous waste site is brought to the attention of the EPA. The process can occur through the use of several mechanisms such as a phone call or referral by another government agency.		
RNON NPL Status Desc:	NFRAP-Site does not qualify for the NPL based on existing information		

CERCLIS-NFRAP Assess History

OU ID:	0	Act Start Date:	
Act Code ID:	1	Act Complete Date:	4/26/1994
RAT Code:	SI	AGT Order No.:	160
RAT Short Name:	SI	SH OU:	
RAT Name:	SITE INSPECTION	SH Code:	
RAT Hist. Only Flag:		SH Seq:	
RAT NSI Indicator:	B	SH Start Date:	
RAT Level:	1	SH Complete Date:	
RAT DEF OU:	00	SH Lead:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
RFBS Code:	P				SH Qual:	
SPA Code:	13				RAQ Act. Qual Short:	NFRAP
RALT Short Name:	State (Fund)				RNPL Status Code:	N
RAT Def:	The process of collecting site data and samples to characterize the severity of the hazard for the hazard ranking score and/or enforcement support.					
RNON NPL Status Desc:	NFRAP-Site does not qualify for the NPL based on existing information					

14	3 of 3	N	0.25 / 1,329.54	517.53 / -22	DETREX CHEMICAL INDUSTRIES, INC. 121 EAST EMMET DR. BOWLING GREEN KY 42101	SEMS ARCHIVE
Site ID:	0404611				FIPS Code:	21227
EPA ID:	KYD006368112				Cong District:	02
Superfund Alte Agr:	No				Region:	04
Federal Facility:	No				County:	WARREN
FF Docket:	No					
NPL:	Not on the NPL					
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information					

Action Information

Operable Units:	00				Qual:	N
Action Code:	SI				SEQ:	1
Action Name:	SI				FF:	N
Start Actual:					FF Docket:	N
Finish Actual:	4/26/1994 4:00:00 AM				Region:	04
Curr Action Lead:	St Perf					
Operable Units:	00				Qual:	L
Action Code:	PA				SEQ:	1
Action Name:	PA				FF:	N
Start Actual:	8/29/1987 4:00:00 AM				FF Docket:	N
Finish Actual:	8/31/1987 4:00:00 AM				Region:	04
Curr Action Lead:	St Perf					
Operable Units:	00				Qual:	
Action Code:	DS				SEQ:	1
Action Name:	DISCVRY				FF:	N
Start Actual:	8/29/1987 4:00:00 AM				FF Docket:	N
Finish Actual:	8/29/1987 4:00:00 AM				Region:	04
Curr Action Lead:	EPA Perf					
Operable Units:	00				Qual:	
Action Code:	VS				SEQ:	1
Action Name:	ARCH SITE				FF:	N
Start Actual:					FF Docket:	N
Finish Actual:	4/26/1994 4:00:00 AM				Region:	04
Curr Action Lead:	EPA Perf In-Hse					

15	1 of 1	S	0.30 / 1,570.44	537.49 / -2	EATON CORP BOWLING GREEN PLT	PFAS IND
					BOWLING GREEN KY	
Status:	Inactive				Fac Fips Code:	21227
Fac Indian Cntry Flg:	No				Compliance Status:	No Violation Identified
Fac Derived Huc:	05110002				EPA Programs:	RCRA
Fac Derived Wbd:	051100020902				Federal Facility:	No
Fac Derived Cd113:	02				Federal Agency:	-
Fac Derived Cb2010:	212270110021001				Fac Snc Flg:	No
Fac Informal Count:	0				AIR Flag:	No
Last Informal Action:	3/29/1994				NPDES Flag:	No
Formal Action Count:	0				SDWIS Flag:	No
Last Formal Action:	2/3/1992				RCRAFlag:	Yes
Fac Total Penalties:	0				TRI Flag:	No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Fac Penalty Count:	-				GHG Flag:	No
Date Last Penalty:	2/3/1992				TRI IDs:	42101TNCRP2901I
Last Penalty Amt:	3500				TRI Releases Trnsfrs:	-
Fac Qtrs With Nc:	0				TRI on Site Releases:	-
Programs With Snc:	0				TRI off Site Trnsfrs:	-
Fac Percent Minority:	24.551				TRI Reporter:	-
Fac Pop Den:	1696.27				Fac Imp Water Flg:	-
Count:	1				Fac Major Flag:	-
Fac County:	WARREN				Fac Active Flag:	-
State Other :					Fac Inspection Count:	0
Region:	04				Date Last Inspection:	11/19/1996
Latitude:	36.96149				Days Last Inspection:	10084
Longitude:	-86.47594					
Fac Derived Tribes:	-					
AIR IDs:	-					
CAA Permit Types:	-					
CAA NAICS:	-					
CAA SICS:	-					
NPDES IDs:	-					
CWA Permit Types:	-					
CWA NAICS:	-					
CWA SICS:	-					
RCRA IDs:	KYD098950306					
RCRA Permit Types:	Other					
RCRA NAICS:	335314					
SDWA IDs:	-					
SDWA System Types:	-					
SDWA Compliance Status:	-					
SDWA Snc Flag:	No					
Fac Collection Meth:	ADDRESS MATCHING-HOUSE NUMBER					
EJSCREEN Flag Us:	Yes					
EJSCREEN Report:	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-86.47594,%22y%22:36.96149,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1					
ECHO Facility Report:	https://echo.epa.gov/detailed-facility-report?fid=110000859928					
Industry:	Paints and Coatings					

<u>16</u>	1 of 5	S	0.30 / 1,571.04	537.49 / -2	EATON CORPORATION 2901 INDUSTRIAL DRIVE BOWLING GREEN KY 42101	RCRA CORRACTS
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EPA Handler ID: KYD098950306
Gen Status Universe: No Report
Contact Name: S. AL-KISHALY
Contact Address: P.O. BOX 90002 , , BOWLING GREEN , KY, 42101 , US
Contact Phone No and Ext: 502-782-1555
Contact Email:
Contact Country: US
County Name: WARREN
EPA Region: 04
Land Type: Municipal
Receive Date: 19980803
Location Latitude: 36.958014
Location Longitude: -86.477893

Event/Area Details

Area Name: ENTIRE FACILITY
Event Code: CA075HI
Corrective Action Event Descri: CA PRIORITIZATION-HIGH CA PRIORITY
Actual Date of Event: 19920331
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19920331
Groundwater Release Indicator:
Soil Release Indicator:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Air Release Indicator:						
Surface Waste Release Ind:						
Event Responsible Agency:		E				
Area Name: ENTIRE FACILITY						
Event Code: CA400						
Corrective Action Event Descri: REMEDY DECISION						
Actual Date of Event: 20060929						
Orig Sched Event Date:						
New Sched Event Date:						
Best Date:		20060929				
Groundwater Release Indicator:						
Soil Release Indicator:						
Air Release Indicator:						
Surface Waste Release Ind:						
Event Responsible Agency:		S				
Area Name: ENTIRE FACILITY						
Event Code: CA725YE						
Corrective Action Event Descri: HUMAN EXPOSURES CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE						
Actual Date of Event: 20060929						
Orig Sched Event Date:						
New Sched Event Date:						
Best Date:		20060929				
Groundwater Release Indicator:						
Soil Release Indicator:						
Air Release Indicator:						
Surface Waste Release Ind:						
Event Responsible Agency:		S				
Area Name: ENTIRE FACILITY						
Event Code: CA800YE						
Corrective Action Event Descri: READY FOR ANTICIPATED USE DETERMINATION - READY FOR ANTICIPATED USE						
Actual Date of Event: 20130918						
Orig Sched Event Date:						
New Sched Event Date:						
Best Date:		20130918				
Groundwater Release Indicator:						
Soil Release Indicator:						
Air Release Indicator:						
Surface Waste Release Ind:						
Event Responsible Agency:		S				
Area Name: ENTIRE FACILITY						
Event Code: CA050						
Corrective Action Event Descri: RFA COMPLETED						
Actual Date of Event: 19901030						
Orig Sched Event Date:						
New Sched Event Date:						
Best Date:		19901030				
Groundwater Release Indicator:						
Soil Release Indicator:						
Air Release Indicator:						
Surface Waste Release Ind:						
Event Responsible Agency:		J				
Area Name: ENTIRE FACILITY						
Event Code: CA999NF						
Corrective Action Event Descri: CA PROCESS IS TERMINATED-NO FURTHER ACTION						
Actual Date of Event: 20040714						
Orig Sched Event Date:						
New Sched Event Date:						
Best Date:		20040714				
Groundwater Release Indicator:						
Soil Release Indicator:						
Air Release Indicator:						
Surface Waste Release Ind:						
Event Responsible Agency:		S				

Area Name: ENTIRE FACILITY
Event Code: CA070NO
Corrective Action Event Descri: DETERMINATION OF NEED FOR AN INVESTIGATION-INVESTIGATION IS NOT NECESSARY
Actual Date of Event: 19901030
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19901030
Groundwater Release Indicator:
Soil Release Indicator:
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: E

Area Name: ENTIRE FACILITY
Event Code: CA225IN
Corrective Action Event Descri: STABILIZATION MEASURES EVALUATION-FURTHER INVESTIGATION NECESSARY
Actual Date of Event: 19920514
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19920514
Groundwater Release Indicator:
Soil Release Indicator:
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: E

Area Name: ENTIRE FACILITY
Event Code: CA550RC
Corrective Action Event Descri: REMEDY CONSTRUCTION-REMEDY CONSTRUCTED
Actual Date of Event: 20060929
Orig Sched Event Date:
New Sched Event Date:
Best Date: 20060929
Groundwater Release Indicator:
Soil Release Indicator:
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: ENTIRE FACILITY
Event Code: CA750YE
Corrective Action Event Descri: RELEASE TO GW CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Actual Date of Event: 20060929
Orig Sched Event Date:
New Sched Event Date:
Best Date: 20060929
Groundwater Release Indicator:
Soil Release Indicator:
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Violation/Evaluation Summary

Note: VIOLATION or UNDETERMINED: There are VIOLATION or UNDETERMINED details or records associated with this facility (EPA ID) in the Compliance Monitoring and Enforcement table dated Apr, 2024.

Violation Details

Found Violation: Yes
Citation: SS - krs 224.46-580
Violation Short Description: Generators - General
Violation Type: 262.A
Violation Determined Date: 19940328
Scheduled Compliance Date: 19940502
Return to Compliance: Observed
Actual Return to Compl: 19940404

Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
 Enforcement Type Description: WRITTEN INFORMAL
 Enforcement Action Date: 19940329
 Enf Disposition Status:
 Disposition Status Date:
 Enforcement Lead Agency: State
 Proposed Penalty Amount:
 Final Amount:
 Paid Amount:

Violation Details

Found Violation: Yes
 Citation: SR - 32:100
 Violation Short Description: Generators - Manifest
 Violation Type: 262.B
 Violation Determined Date: 19930924
 Scheduled Compliance Date: 19931018
 Return to Compliance: Observed
 Actual Return to Compl: 19931018
 Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
 Enforcement Type Description: WRITTEN INFORMAL
 Enforcement Action Date: 19930928
 Enf Disposition Status:
 Disposition Status Date:
 Enforcement Lead Agency: State
 Proposed Penalty Amount:
 Final Amount:
 Paid Amount:

Violation Details

Found Violation: Yes
 Citation: SR - 35:020, sec 7
 Violation Short Description: Generators - Records/Reporting
 Violation Type: 262.D
 Violation Determined Date: 19930924
 Scheduled Compliance Date: 19931018
 Return to Compliance: Observed
 Actual Return to Compl: 19931018
 Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
 Enforcement Type Description: WRITTEN INFORMAL
 Enforcement Action Date: 19930928
 Enf Disposition Status:
 Disposition Status Date:
 Enforcement Lead Agency: State
 Proposed Penalty Amount:
 Final Amount:
 Paid Amount:

Violation Details

Found Violation: Yes
Citation: SS - krs224.46-580
Violation Short Description: Generators - General
Violation Type: 262.A
Violation Determined Date: 19910730
Scheduled Compliance Date: 19911021
Return to Compliance: Observed
Actual Return to Compl: 19911002
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19910927
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation: SR - 34:050
Violation Short Description: Generators - Pre-transport
Violation Type: 262.C
Violation Determined Date: 19900322
Scheduled Compliance Date: 19920203
Return to Compliance: Observed
Actual Return to Compl: 19920203
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 19920203
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount: 3500
Final Amount: 3500
Paid Amount: 3500

Evaluation Details

Evaluation Start Date: 19961119
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19940413
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION
Violation Short Description: Generators - General
Return to Compliance Date: 19940404
Evaluation Agency: State

Evaluation Start Date: 19940328
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Violation Short Description:		Generators - General				
Return to Compliance Date:		19940404				
Evaluation Agency:		State				
Evaluation Start Date:		19931018				
Evaluation Type Description:		COMPLIANCE SCHEDULE EVALUATION				
Violation Short Description:		Generators - Records/Reporting				
Return to Compliance Date:		19931018				
Evaluation Agency:		State				
Evaluation Start Date:		19931018				
Evaluation Type Description:		COMPLIANCE SCHEDULE EVALUATION				
Violation Short Description:		Generators - Manifest				
Return to Compliance Date:		19931018				
Evaluation Agency:		State				
Evaluation Start Date:		19930924				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION				
Violation Short Description:		Generators - Records/Reporting				
Return to Compliance Date:		19931018				
Evaluation Agency:		State				
Evaluation Start Date:		19930924				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION				
Violation Short Description:		Generators - Manifest				
Return to Compliance Date:		19931018				
Evaluation Agency:		State				
Evaluation Start Date:		19910730				
Evaluation Type Description:		NON-FINANCIAL RECORD REVIEW				
Violation Short Description:		Generators - General				
Return to Compliance Date:		19911002				
Evaluation Agency:		State				
Evaluation Start Date:		19910322				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION				
Violation Short Description:						
Return to Compliance Date:						
Evaluation Agency:		State				
Evaluation Start Date:		19910319				
Evaluation Type Description:		NON-FINANCIAL RECORD REVIEW				
Violation Short Description:						
Return to Compliance Date:						
Evaluation Agency:		State				
Evaluation Start Date:		19900823				
Evaluation Type Description:		NON-FINANCIAL RECORD REVIEW				
Violation Short Description:						
Return to Compliance Date:						
Evaluation Agency:		State				
Evaluation Start Date:		19900719				
Evaluation Type Description:		COMPLIANCE EVALUATION INSPECTION				
Violation Short Description:						
Return to Compliance Date:						
Evaluation Agency:		State				
Evaluation Start Date:		19900322				
Evaluation Type Description:		NON-FINANCIAL RECORD REVIEW				
Violation Short Description:		Generators - Pre-transport				
Return to Compliance Date:		19920203				
Evaluation Agency:		State				
Evaluation Start Date:		19890518				
Evaluation Type Description:		NON-FINANCIAL RECORD REVIEW				
Violation Short Description:						
Return to Compliance Date:						
Evaluation Agency:		State				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Evaluation Start Date: 19890505
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19840215
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: EPA-Initiated Oversight/Observation/Training Actions

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner: No
Smelting, Melting and Refining: No
Underground Injection Control: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19900301
Handler Name: EATON CORP. BOWLING GREEN PLANT
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 19920301
Handler Name: EATON CORPORATION
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 19940301
Handler Name: EATON CORPORATION
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 4
Receive Date: 19960301
Handler Name: EATON CORPORATION PCD

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 5
Receive Date: 19980301
Handler Name: EATON CORPORATION PCD
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19980803
Handler Name: EATON CORPORATION
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified Notification
Source Type: Notification

Waste Code Details

Hazardous Waste Code: NONE
Waste Code Description: DESCRIPTION

Owner/Operator Details

Owner/Operator Ind: Current Owner	Street No:
Type: Private	Street 1: 111 SUPERIOR AVENUE
Name: EATON CORPORATION	Street 2:
Date Became Current:	City: CLEVELAND
Date Ended Current:	State: OH
Phone: 502-782-1555	Country:
Source Type: Notification	Zip Code: 44114

Historical Handler Details

Receive Dt: 19980301
Generator Code Description: Large Quantity Generator
Handler Name: EATON CORPORATION PCD

Receive Dt: 19960301
Generator Code Description: Large Quantity Generator
Handler Name: EATON CORPORATION PCD

Receive Dt: 19940301
Generator Code Description: Large Quantity Generator
Handler Name: EATON CORPORATION

Receive Dt: 19920301
Generator Code Description: Large Quantity Generator
Handler Name: EATON CORPORATION

Receive Dt: 19900301
Generator Code Description: Large Quantity Generator
Handler Name: EATON CORP. BOWLING GREEN PLANT

16	2 of 5	S	0.30 / 1,571.04	537.49 / -2	Sun Products 2901 Industrial Dr Bowling Green KY 421019002	SHWS
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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AI ID (KORA):	6494				AI ID:	6494
AI Name (KORA):	Sun Products				AI Name:	Sun Products
Addr Line 1 (KORA):	2901 Industrial Dr				AI Address Line 1:	2901 Industrial Dr
AI City (KORA):	Bowling Green				AI City:	Bowling Green
AI State (KORA):	KY				AI State:	KY
AI Zip (KORA):	421019002				AI Zip:	421019002
AI Lat (KORA):	36.95835				AI Latitude:	36.95835
AI Long (KORA):	-86.47972				AI Longitude:	-86.47972
AI County (KORA):	Warren				AI County:	Warren
Source:	Superfund Sites List; State Leads Priority List Report					

Detail

AAZZ No:	1				SI Address Line 1:	2901 INDUSTRIAL DR
Site Status:	Closed				SI Address Line 2:	
Closure Option:	Option C Restored				SI City:	Bowling Green
Closure Date:	12/21/2001				SI State:	KY
Regulatory Desc:	Federal Superfund				SI Zip:	42101
SI Desg:	20335				SI Long:	-86.47972
SI County:	Warren				SI Lat:	36.95835
Acreage:						
SI Description:	EATON CORPORATION (Closed: Restored)					

Superfund Site Details (KORA)

Si ID:	1				Address Line 1:	2901 INDUSTRIAL DR
Si Type:	EATON CORPORATION (Closed: Restored)				Address Line 2:	
Site Status:	Closed				Latitude:	36.95835
Closure Date:	12/21/2001				Longitude:	-86.47972
Closure Option:	Option C Restored				County:	Warren
Designation:	20335				Reg Section:	Federal Superfund
Acreage:						

16	3 of 5	S	0.30 / 1,571.04	537.49 / -2	Eaton Corp 2901 Industrial Dr Bowling Green KY 42101	SHWS
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AI ID (KORA):	53503				AI ID:	53503
AI Name (KORA):	Eaton Corp				AI Name:	Eaton Corp
Addr Line 1 (KORA):	2901 Industrial Dr				AI Address Line 1:	2901 Industrial Dr
AI City (KORA):	Bowling Green				AI Address Line 2:	
AI State (KORA):	KY				AI City:	Bowling Green
AI Zip (KORA):	42101				AI State:	KY
AI Lat (KORA):	36.957903				AI Zip:	42101
AI Long (KORA):	-86.477959				AI Latitude:	36.957903
AI County (KORA):	Warren				AI Longitude:	-86.477959
Source:	Superfund Sites List; State Leads Priority List Report					

Detail

AAZZ No:	1				SI Address Line 1:	2901 Industrial Blvd
Site Status:	Closed				SI Address Line 2:	
Closure Option:	Referred				SI City:	Bowling Green
Closure Date:	2/28/1990				SI State:	KY
Regulatory Desc:	State Superfund				SI Zip:	42101
SI Desg:	17923				SI Long:	-86.477959
SI County:	Warren				SI Lat:	36.957903
Acreage:						
SI Description:	EATON CORPORATION - BOWLING GREEN PLANT					

Superfund Site Details (KORA)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Si ID:	1	Address Line 1:	2901 Industrial Blvd
Si Type:	EATON CORPORATION - BOWLING GREEN PLANT	Address Line 2:	
Site Status:	Closed	Latitude:	36.957903
Closure Date:	02/28/1990	Longitude:	-86.477959
Closure Option:	Referred	County:	Warren
Designation:	17923	Reg Section:	State Superfund
Acreage:			

16	4 of 5	S	0.30 / 1,571.04	537.49 / -2	EATON CORP BOWLING GREEN PLT 2901 IND DR BOWLING GREEN KY 42101	SEMS
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EPA ID:	KYD098950306	Pgm Sys ID:	KYD098950306
Primary Nm (MAP):	EATON CORP BOWLING GREEN PLT	Loc Addr (MAP):	2901 IND DR
City Name:	BOWLING GREEN	Postal Code:	42101
Site Name:	EATON CORP BOWLING GREEN PLT	County Name:	WARREN
Street Address:	2901 IND DR	Latitude83:	36.958332999999996
Street Address 2:		Longitude83:	-86.483333
City:	BOWLING GREEN	PGM SYS ID(CalOES):	KYD098950306
State:	KY	Name(CalOES):	EATON CORP BOWLING GREEN PLT
Zip:	42101	Loc Addr(CalOES):	2901 IND DR
County:	WARREN	City(CalOES):	BOWLING GREEN
Latitude:	36.958333	Postal(CalOES):	42101
Longitude:	-86.483333	County(CalOES):	WARREN
Latitude83(CalOES):	36.958333	Longitude83(CalOES):	-86.483333
Data Source:	EPA Superfund Data and Reports Active Site Inventory (List 8R Active);EPA FRS Interests Map - SEMS;CalOES EPA RCRA TSDf Map - SEMS		

Site Level Information

Site ID:	0402061	Superfund Alt Agmt:	No
NPL:	Not on the NPL	FIPS Code:	21227
Federal Facility:	No	Cong District:	02
FF Docket:	No	Region:	04
Non NPL Status:	Deferred to RCRA (Subtitle C)		

Action Information

Operable Units:	00	Start Actual:	
Action Code:	PA	Finish Actual:	8/1/1984 5:00:00 AM
Action Name:	PA	Qual:	L
SEQ:	1	Curr Action Lead:	St Perf
Operable Units:	00	Start Actual:	
Action Code:	SI	Finish Actual:	8/30/1989 4:00:00 AM
Action Name:	SI	Qual:	N
SEQ:	1	Curr Action Lead:	EPA Perf
Operable Units:	00	Start Actual:	
Action Code:	SI	Finish Actual:	2/28/1990 5:00:00 AM
Action Name:	SI	Qual:	D
SEQ:	2	Curr Action Lead:	EPA Perf
Operable Units:	00	Start Actual:	8/1/1980 4:00:00 AM
Action Code:	DS	Finish Actual:	8/1/1980 4:00:00 AM
Action Name:	DISCVRY	Qual:	
SEQ:	1	Curr Action Lead:	EPA Perf

GIS Information

Registry ID:	110071099808	Pgm Sys Acrnm:	SEMS
Active Status:	NOT ON THE NPL	Accuracy Value:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Key Field:	SEMSKYD098950306				HUC8 Code: 05110002	
Interest Type:	SUPERFUND (NON-NPL)				HUC 12:	
Fed Agency Name:					Public Ind: Y	
Fed Facility Code:					Pgm Report: no data yet	
Federal Land Ind:					X: -86.4833329999996	
EPA Region Code:	04				Y: 36.95833300000004	
Fips Code:	21227					
Collect Mth Desc:						
Ref Point Desc:						
Fac Url:	https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110071099808					
Program Url:						
Pgm Report Url:	no data yet					

CaIOES EPA RCRA TSD - SEMS

Registry ID:	110071099808	HUC 12:	
Interest Type:	SUPERFUND (NON-NPL)	Collect Mth Desc:	
Active Status:	NOT ON THE NPL	Accuracy Value:	
Pgm Sys Acnrm:	SEMS	Ref Point Desc:	
Federal Agency Nm:		EPA Region Code:	04
Federal Land Ind:		Key Field:	SEMSKYD098950306
Fed Facility Cd:		Create Dt:	10/26/2021
Public Ind:	Y	Update Dt:	11/24/2021
FIPS Code:	21227	Last Reported Dt:	
HUC8 Code:	05110002		
Pgm Report Url:	no data yet		
Program URL:			
Fac Url:	https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110071099808		

16 5 of 5 **S** 0.30 / 1,571.04 537.49 / -2 **EATON CORP** **PFAS TRI**
2901 INDUSTRIAL DR
BOWLING GREEN KY 42102

TRI FD:	42101TNCRP29011
FRS ID:	110000859928
BIA:	
Tribe:	
Facility Name:	EATON CORP
Street Address:	2901 INDUSTRIAL DR
City:	BOWLING GREEN
County:	WARREN
State:	KY
Zip:	42102
Latitude:	36.961490
Longitude:	-86.475940

1987 Details

TRI FD:	42101TNCRP29011	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	0000076131	Underground C II-V:	0.000000
Classification:	TRI	Landfills:	0.000000
Primary SIC:	3622	RCRA C Landfill:	0.000000
Primary NAICS:	335314	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	NO	Surface Impndmnt:	0.000000
Fugitive Air:	24000.000000	RCRA Surface IM:	0.000000
Stack Air:	0.000000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000
Chemical:	Freon 113 (CFC-113)		
Industry Sector Code:	335		
Industry Sector:	Electrical Equipment		
Parent Co Name:	EATON CORP		
On Site Release Total:	24000.000000		
Off Site Release Total:	0.000000		
Off Site Recycled Total:	0.000000		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Total Releases: 24000.000000
 One Time Release:

Horizontal Datum:

NAD83

CAS No:

76-13-1

PFAS:

NO

PBT:

NO

1988 Details

TRI FD:	42101TNCRP29011	Underground:	0.000000
Federal Facility:	NO	Underground CL I:	0.000000
Cas No Compound ID:	0000076131	Underground C II-V:	0.000000
Classification:	TRI	Landfills:	0.000000
Primary SIC:	3622	RCRA C Landfill:	0.000000
Primary NAICS:	335314	Other Landfills:	0.000000
Metal:	NO	Land Treatment:	0.000000
Carcinogen:	NO	Surface Impdmnt:	0.000000
Fugitive Air:	30000.000000	RCRA Surface IM:	0.000000
Stack Air:	60000.000000	Other Surface I:	0.000000
Water:	0.000000	Other Disposal:	0.000000
Chemical:	Freon 113 (CFC-113)		
Industry Sector Code:	335		
Industry Sector:	Electrical Equipment		
Parent Co Name:	EATON CORP		
On Site Release Total:	90000.000000		
Off Site Release Total:	0.000000		
Off Site Recycled Total:	0.000000		
Total Releases:	90000.000000		
One Time Release:			

Horizontal Datum:

NAD83

CAS No:

76-13-1

PFAS:

NO

PBT:

NO

17	1 of 1	N	0.40 / 2,087.19	496.89 / -43	Quick Stop 2135 Russellville Rd Bowling Green KY 42101	PSTEAF
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UST Tank ID:		Project Manager:	
AI ID:	57795	Financial Account:	
Rank:		County:	Warren
Rank Description:			
Financial Account Description:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Data Source: PSTEAF Applicant Information (as of Dec 2022)

PSTEAF Applicant Information

AFA No:	3976	Account:	SOTRA
App Status:	Approved	Account Desc:	Small Owner Tank Removal Account
NFA Date:	12/7/2020	Deductible Amount:	
Release Date:	6/10/2020	Financial Category:	
Approval Date:		Phase:	
App Review Dt:		Subject Item:	PSTA0000000001
Facility:	Quick Stop		
Eligible Company AI ID:			
Eligible Company Name:			
Applicant:	Samarpan LLC		
Payee Name:	Samarpan LLC		
Psteaf Payee Address:	PO Box 321 Nortonville, KY, 42442		

18	1 of 1	ESE	0.41 / 2,147.72	513.29 / -27	Speedway #5462 2401 Nashville Rd Bowling Green KY 421014030	PSTEAF
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UST Tank ID:	4679114	Project Manager:	Hall
AI ID:	55369	Financial Account:	
Rank:	Pending	County:	Warren
Rank Description:			
Financial Account Description:			
Data Source:	USTB Facility Ranking List		

19	1 of 1	S	0.47 / 2,493.82	530.22 / -10	Oulay Property 562 Lost Circle Apt B Bowling Green KY 42101	SHWS
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AI ID (KORA):	110893	AI ID:	110893
AI Name (KORA):	Oulay Property	AI Name:	Oulay Property
Addr Line 1 (KORA):	562 Lost Circle Apt B	AI Address Line 1:	562 Lost Circle Apt B
Addr Line 2 (KORA):		AI Address Line 2:	
AI City (KORA):	Bowling Green	AI City:	Bowling Green
AI State (KORA):	KY	AI State:	KY
AI Zip (KORA):	42101	AI Zip:	42101
AI Lat (KORA):	36.95805	AI Latitude:	36.95805
AI Long (KORA):	-86.47531	AI Longitude:	-86.47531
AI County (KORA):	Warren	AI County:	Warren
Source:	Superfund Sites List; State Leads Priority List Report		

Detail

AAZZ No:	1	SI Address Line 1:	562 Lost Circle Apt B.
Site Status:	Closed	SI Address Line 2:	
Closure Option:	Option C Restored	SI City:	Bowling Green
Closure Date:	3/30/2011	SI State:	KY
Regulatory Desc:	State Superfund	SI Zip:	42101
SI Desg:	Meth Lab	SI Long:	-86.47531
SI County:	Warren	SI Lat:	36.95805
Acraege:			
SI Description:	562 Lost Circle Apt B Meth Lab (Closed 3/30/2011)		

Superfund Site Details (KORA)

Si ID:	1	Address Line 1:	562 Lost Circle Apt B.
Si Type:	562 Lost Circle Apt B Meth Lab (Closed 3/30/2011)	Address Line 2:	
Site Status:	Closed	Latitude:	36.95805
Closure Date:	03/30/2011	Longitude:	-86.47531
Closure Option:	Option C Restored	County:	Warren

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Designation:		Meth Lab	Reg Section:		State Superfund	
Acreage:						
20	1 of 1	E	0.48 / 2,549.66	533.07 / -7	Chuckles #35 2301 Nashville Rd Bowling Green KY 42101	PSTEAF
UST Tank ID:	1952114	Project Manager:		Hall		
AI ID:	57711	Financial Account:				
Rank:	Pending	County:		Warren		
Rank Description:						
Financial Account Description:						
Data Source:	USTB Facility Ranking List					
21	1 of 1	SSE	0.55 / 2,907.07	532.94 / -7	Hunky Dory LLC Property 554-A Lost Woods Dr Bowling Green KY 42101	SHWS
AI ID (KORA):	117872	AI ID:		117872		
AI Name (KORA):	Hunky Dory LLC Property	AI Name:		Hunky Dory LLC Property		
Addr Line 1 (KORA):	554-A Lost Woods Dr	AI Address Line 1:		554-A Lost Woods Dr		
Addr Line 2 (KORA):		AI Address Line 2:				
AI City (KORA):	Bowling Green	AI City:		Bowling Green		
AI State (KORA):	KY	AI State:		KY		
AI Zip (KORA):	42101	AI Zip:		42101		
AI Lat (KORA):	36.957869	AI Latitude:		36.957869		
AI Long (KORA):	-86.472941	AI Longitude:		-86.472941		
AI County (KORA):	Warren	AI County:		Warren		
Source:	Superfund Sites List; State Leads Priority List Report					
Detail						
AAZZ No:	1	SI Address Line 1:		554-A Lost Woods Ave.		
Site Status:	Closed	SI Address Line 2:				
Closure Option:	Option C Restored	SI City:		Bowling Green		
Closure Date:	3/29/2013	SI State:		KY		
Regulatory Desc:	State Superfund	SI Zip:		42101		
SI Desg:	Meth Lab	SI Long:		-86.472941		
SI County:	Warren	SI Lat:		36.957869		
Acreage:						
SI Description:	554-A Lost Woods Ave. Meth Lab (Closed 3/29/2013)					
Superfund Site Details (KORA)						
SI ID:	1	Address Line 1:		554-A Lost Woods Ave.		
SI Type:	554-A Lost Woods Ave. Meth Lab (Closed 3/29/2013)	Address Line 2:				
Site Status:	Closed	Latitude:		36.957869		
Closure Date:	03/29/2013	Longitude:		-86.472941		
Closure Option:	Option C Restored	County:		Warren		
Designation:	Meth Lab	Reg Section:		State Superfund		
Acreage:						
22	1 of 1	WSW	0.64 / 3,360.78	521.13 / -19	Southeastern Freight Lines 2570 Russellville Rd Bowling Green KY 42101	SHWS
AI ID (KORA):	67612	AI ID:		67612		
AI Name (KORA):	Southeastern Freight Lines	AI Name:		Southeastern Freight Lines		
Addr Line 1 (KORA):	2570 Russellville Rd	AI Address Line 1:		2570 Russellville Rd		
Addr Line 2 (KORA):		AI Address Line 2:				
AI City (KORA):	Bowling Green	AI City:		Bowling Green		
AI State (KORA):	KY	AI State:		KY		
AI Zip (KORA):	42101	AI Zip:		42101		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
AI Lat (KORA):	36.962605			AI Latitude:	36.962605	
AI Long (KORA):	-86.487854			AI Longitude:	-86.487854	
AI County (KORA):	Warren			AI County:	Warren	
Source:	Superfund Sites List; State Leads Priority List Report					

Detail

AAZZ No:	2	SI Address Line 1:	2570 RUSSELVILLE RD
Site Status:	Closed	SI Address Line 2:	
Closure Option:	Option C Restored	SI City:	Bowling Green
Closure Date:	11/22/1996	SI State:	KY
Regulatory Desc:	Petroleum Cleanup	SI Zip:	42101
SI Desg:	41786	SI Long:	-86.487787
SI County:	Warren	SI Lat:	36.962885
Acreage:			
SI Description:	VIKING FREIGHT (Closed: Restored)		

Superfund Site Details (KORA)

SI ID:	2	Address Line 1:	2570 RUSSELVILLE RD
SI Type:	VIKING FREIGHT (Closed: Restored)	Address Line 2:	
Site Status:	Closed	Latitude:	36.962885
Closure Date:	11/22/1996	Longitude:	-86.487787
Closure Option:	Option C Restored	County:	Warren
Designation:	41786	Reg Section:	Petroleum Cleanup
Acreage:			

23	1 of 1	NE	0.65 / 3,428.14	509.32 / -31	Springhill Quarry Gatewood Ave Bowling Green KY 42101	SHWS
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AI ID (KORA):	52502	AI ID:	52502
AI Name (KORA):	Springhill Quarry	AI Name:	Springhill Quarry
Addr Line 1 (KORA):	Gatewood Ave	AI Address Line 1:	Gatewood Ave
Addr Line 2 (KORA):		AI Address Line 2:	
AI City (KORA):	Bowling Green	AI City:	Bowling Green
AI State (KORA):	KY	AI State:	KY
AI Zip (KORA):	42101	AI Zip:	42101
AI Lat (KORA):	36.974738	AI Latitude:	36.974738
AI Long (KORA):	-86.468612	AI Longitude:	-86.468612
AI County (KORA):	Warren	AI County:	Warren
Source:	Superfund Sites List; State Leads Priority List Report		

Detail

AAZZ No:	2	SI Address Line 1:	Gatewood Ave
Site Status:	Closed	SI Address Line 2:	
Closure Option:	Option C Restored	SI City:	Bowling Green
Closure Date:	3/6/1998	SI State:	KY
Regulatory Desc:	State Superfund	SI Zip:	42101
SI Desg:	33681	SI Long:	-86.467778
SI County:	Warren	SI Lat:	36.974722
Acreage:			
SI Description:	SPRINGHILL ROCK QUARRY (Closed: Restored)		

Superfund Site Details (KORA)

SI ID:	2	Address Line 1:	Gatewood Ave
SI Type:	SPRINGHILL ROCK QUARRY (Closed: Restored)	Address Line 2:	
Site Status:	Closed	Latitude:	36.974722
Closure Date:	03/06/1998	Longitude:	-86.467778
Closure Option:	Option C Restored	County:	Warren

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<i>Designation:</i>	33681				<i>Reg Section:</i> State Superfund	
<i>Acreage:</i>						

24	1 of 1	SSE	0.69 / 3,640.03	539.91 / 0	KB Family Property 2721 Nashville Rd #53 Bowling Green KY 42101	SHWS
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<i>AI ID (KORA):</i>	117696	<i>AI ID:</i>	117696
<i>AI Name (KORA):</i>	KB Family Property	<i>AI Name:</i>	KB Family Property
<i>Addr Line 1 (KORA):</i>	2721 Nashville Rd #53	<i>AI Address Line 1:</i>	2721 Nashville Rd #53
<i>Addr Line 2 (KORA):</i>		<i>AI Address Line 2:</i>	
<i>AI City (KORA):</i>	Bowling Green	<i>AI City:</i>	Bowling Green
<i>AI State (KORA):</i>	KY	<i>AI State:</i>	KY
<i>AI Zip (KORA):</i>	42101	<i>AI Zip:</i>	42101
<i>AI Lat (KORA):</i>	36.955633	<i>AI Latitude:</i>	36.955633
<i>AI Long (KORA):</i>	-86.474	<i>AI Longitude:</i>	-86.474
<i>AI County (KORA):</i>	Warren	<i>AI County:</i>	Warren
<i>Source:</i>	Superfund Sites List; State Leads Priority List Report		

Detail

<i>AAZZ No:</i>	1	<i>SI Address Line 1:</i>	2721 Nashville Road #53
<i>Site Status:</i>	Closed	<i>SI Address Line 2:</i>	
<i>Closure Option:</i>	Option C Restored	<i>SI City:</i>	Bowling Green
<i>Closure Date:</i>	3/15/2013	<i>SI State:</i>	KY
<i>Regulatory Desc:</i>	State Superfund	<i>SI Zip:</i>	42101
<i>SI Desg:</i>	Meth Lab	<i>SI Long:</i>	-86.474
<i>SI County:</i>	Warren	<i>SI Lat:</i>	36.955633
<i>Acreage:</i>			
<i>SI Description:</i>	2721 Nashville Road #53 Meth Lab (Closed 3/15/2013)		

Superfund Site Details (KORA)

<i>Si ID:</i>	1	<i>Address Line 1:</i>	2721 Nashville Road #53
<i>Si Type:</i>	2721 Nashville Road #53 Meth Lab (Closed 3/15/2013)	<i>Address Line 2:</i>	
<i>Site Status:</i>	Closed	<i>Latitude:</i>	36.955633
<i>Closure Date:</i>	03/15/2013	<i>Longitude:</i>	-86.474
<i>Closure Option:</i>	Option C Restored	<i>County:</i>	Warren
<i>Designation:</i>	Meth Lab	<i>Reg Section:</i>	State Superfund
<i>Acreage:</i>			

Unplottable Summary

Total: 3 Unplottable sites

DB	Company Name/Site Name	Address	City	Zip	ERIS ID
ERNS		CAMPBELL STREET <i>NRC Report No:</i> 1087865	BOWLING GREEN KY		819858136
SFM LPG PERMIT	Menards-Bowling Green KY	Campbell Ln <i>Permit No:</i> PLP000155	Bowling Green KY	42102	922223146
SFM UST PERMIT	Five Star 1930-Bowling Green KY	Veterans Memorial Dr <i>Permit No:</i> PUG000104	Bowling Green KY	42101	919527624

Unplottable Report

Site:

CAMPBELL STREET BOWLING GREEN KY

ERNS

NRC Report No: 1087865
Type of Incident: FIXED
Incident Cause: UNKNOWN
Incident Date: 02-Jul-2014 14:50:00
Incident Location:
Incident Dtg: DISCOVERED
Distance from City:
Distance Units:
Direction from City:
Location County: WARREN
Potential Flag: No
Year: Year 2014 Reports
Description of Incident: THE CALLER IS REPORTING A PROPANE GAS SMELL OUTSIDE A COMPANY.

Latitude Degrees:
Latitude Minutes:
Latitude Seconds:
Longitude Degrees:
Longitude Minutes:
Longitude Seconds:
Lat Quad:
Long Quad:
Location Section:
Location Township:
Location Range:

Material Spill Information

Chris Code: PRP
CAS No: 000000-00-0
UN No:
Name of Material: PROPANE
Amount of Material: 0

Unit of Measure: UNKNOWN AMOUNT
If Reached Water: NO
Amount in Water:
Unit Reach Water:

Calls Information

Date Time Received: 02-Jul-2014 14:55:27
Date Time Complete: 02-Jul-2014 14:58:38
Call Type: INC
Resp Company: MILLER PROPANE GAS
Resp Org Type: PRIVATE ENTERPRISE

Responsible City: BOWLING GREEN
Responsible State: KY
Responsible Zip:
Source: TELEPHONE

Incident Information

Tank ID:
Tank Regulated: U
Tank Regulated By:
Capacity of Tank:
Capacity Tank Units:
Description of Tank:
Actual Amount:
Actual Amount Units:
Tank Above Ground: ABOVE
NPDES:
NPDES Compliance: U
Init Contin Rel No:
Contin Rel Permit:
Contin Release Type:
Aircraft ID:
Aircraft Runway No:
Aircraft Spot No:
Aircraft Type:
Aircraft Model:
Aircraft Fuel Cap:
Aircraft Fuel Cap U:
Aircraft Fuel on Brd:
Aircraft Fuel OB U:
Aircraft Hanger:

Building ID:
Location Area ID:
Location Block ID:
OCSG No:
OCSF No:
State Lease No:
Pier Dock No:
Berth Slip No:
Brake Failure: U
Airbag Deployed: U
Transport Contain: U
Location Subdiv:
Platform Rig Name:
Platform Letter:
Allision: U
Type of Structure:
Structure Name:
Structure Oper: U
Transit Bus Flag:
Date Time Norm Serv:
Serv Disrupt Time:
Serv Disrupt Units:
CR Begin Date:
CR End Date:

Road Mile Marker:
Power Gen Facility: N
Generating Capacity:
Type of Fixed Obj: OTHER
Type of Fuel:
DOT Crossing No:
DOT Regulated: U
Pipeline Type:
Pipeline Abv Ground: ABOVE
Pipeline Covered: U
Exposed Underwater: N
Railroad Hotline:
Railroad Milepost:
Grade Crossing: U
Crossing Device Ty:
Ty Vehicle Involved:
Device Operational: U

CR Change Date:
FBI Contact:
FBI Contact Dt Tm:
Passenger Handling:
Passenger Route: XXX
Passenger Delay: XXX
Sub Part C Test Req: XXX
Conductor Test:
Engineer Test:
Trainman Test:
Yard Foreman Test:
RCL Operator Test:
Brakeman Test:
Train Dispat Test:
Signalman Test:
Oth Employee Test:
Unknown Test:

Incident Details Information

Release Secured: U
Release Rate:
Release Rate Unit:
Release Rate Rate:
Est Duration of Rel:
Desc Remedial Act:
Fire Involved: N
Fire Extinguished: U
Any Evacuations: N
No Evacuated:
Who Evacuated:
Radius of Evac:
Any Injuries: N
No. Injured:
No. Hospitalized:
No. Fatalities:
Any Fatalities: N
Any Damages: N
Damage Amount:
Air Corridor Closed: N
Air Corridor Desc:
Air Closure Time:
Waterway Closed: N
Waterway Desc:
Waterway Close Time:
Road Closed: N
Road Desc:
Road Closure Time:
Road Closure Units:
Closure Direction:
Major Artery: No
Track Closed: N
Track Desc:
Track Closure Time:
Track Closure Units:
Track Close Dir:
Media Interest: UNKNOWN
Medium Desc: AIR
Addl Medium Info: ATMOSPHERE

State Agen Report No:
State Agen on Scene:
State Agen Notified:
Fed Agency Notified:
Oth Agency Notified:
Body of Water:
Tributary of:
Near River Mile Make:
Near River Mile Mark:
Offshore: N
Weather Conditions: UNKNOWN
Air Temperature:
Wind Direction:
Wind Speed:
Wind Speed Unit:
Water Supp Contam: U
Water Temperature:
Wave Condition:
Current Speed:
Current Direction:
Current Speed Unit:
EMPL Fatality:
Pass Fatality:
Community Impact:
Passengers Transfer: NO
Passenger Injuries:
Employee Injuries:
Occupant Fatality:
Sheen Size:
Sheen Size Units:
Sheen Size Length:
Sheen Size Length U:
Sheen Size Width:
Sheen Size Width U:
Sheen Color:
Dir of Sheen Travel:
Sheen Odor Desc:
Duration Unit:
Additional Info:

Site: Menards-Bowling Green KY
 Campbell Ln Bowling Green KY 42102

SFM LPG PERMIT

Permit No: PLP000155
Type: LP GAS TANK INSTALLATION
Project Description: 1000 gallon ASME tank for propane transfer

Site: Five Star 1930-Bowling Green KY
Veterans Memorial Dr Bowling Green KY 42101

SFM UST PERMIT

Permit No:

PUG000104

Type:

UGST INSTALLATION

Project Description:

1- 15,000 gallon double-walled FRP UGST, 1- 10,000 gallon double-walled FRP UGST, 1- 6,000 gallon double-walled FRP UGST, double-walled FRP product piping, tank overfill prevention, electronic line leak detection, double-walled spill catch basins, automatic tank gauging, submergible pumps, electronic interstitial monitoring for tanks and piping, 8- dispensers, 11- sumps

Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. ERIS updates databases as set out in ASTM Standard E1527-13 and E1527-21, Section 8.1.8 Sources of Standard Source Information:

"Government information from nongovernmental sources may be considered current if the source updates the information at least every 90 days, or, for information that is updated less frequently than quarterly by the government agency, within 90 days of the date the government agency makes the information available to the public."

Standard Environmental Record Sources

Federal

National Priority List:

NPL

Sites on the United States Environmental Protection Agency (EPA)'s National Priorities List of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. The NPL, which EPA is required to update at least once a year, is based primarily on the score a site receives from EPA's Hazard Ranking System. A site must be on the NPL to receive money from the Superfund Trust Fund for remedial action. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Apr 22, 2024

National Priority List - Proposed:

PROPOSED NPL

Sites proposed by the United States Environmental Protection Agency (EPA), the state agency, or concerned citizens for addition to the National Priorities List (NPL) due to contamination by hazardous waste and identified by the EPA as a candidate for cleanup because it poses a risk to human health and/or the environment. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Apr 22, 2024

Deleted NPL:

DELETED NPL

Sites deleted from the United States Environmental Protection Agency (EPA)'s National Priorities List. The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Apr 22, 2024

SEMS List 8R Active Site Inventory:

SEMS

The U.S. Environmental Protection Agency's (EPA) Superfund Program has deployed the Superfund Enterprise Management System (SEMS), which integrates multiple legacy systems into a comprehensive tracking and reporting tool. This inventory contains active sites evaluated by the Superfund program that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The Active Site Inventory Report displays site and location information at active SEMS sites. An active site is one at which site assessment, removal, remedial, enforcement, cost recovery, or oversight activities are being planned or conducted. This data includes SEMS sites from the List 8R Active file as well as applicable sites from the EPA's Facility Registry Service map tool.

Government Publication Date: Mar 27, 2024

SEMS List 8R Archive Sites:

[SEMS ARCHIVE](#)

The U.S. Environmental Protection Agency's (EPA) Superfund Enterprise Management System (SEMS) Archived Site Inventory displays site and location information at sites archived from SEMS. An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. This data includes sites from the List 8R Archived site file.

Government Publication Date: Mar 27, 2024

Inventory of Open Dumps, June 1985:

[ODI](#)

The Resource Conservation and Recovery Act (RCRA) provides for publication of an inventory of open dumps. The Act defines "open dumps" as facilities which do not comply with EPA's "Criteria for Classification of Solid Waste Disposal Facilities and Practices" (40 CFR 257).

Government Publication Date: Jun 1985

Comprehensive Environmental Response, Compensation and Liability Information System -

[CERCLIS](#)

CERCLIS:

Superfund is a program administered by the United States Environmental Protection Agency (EPA) to locate, investigate, and clean up the worst hazardous waste sites throughout the United States. CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The EPA administers the Superfund program in cooperation with individual states and tribal governments; this database is made available by the EPA.

Government Publication Date: Oct 25, 2013

EPA Report on the Status of Open Dumps on Indian Lands:

[IODI](#)

Public Law 103-399, The Indian Lands Open Dump Cleanup Act of 1994, enacted October 22, 1994, identified congressional concerns that solid waste open dump sites located on American Indian or Alaska Native (AI/AN) lands threaten the health and safety of residents of those lands and contiguous areas. The purpose of the Act is to identify the location of open dumps on Indian lands, assess the relative health and environment hazards posed by those sites, and provide financial and technical assistance to Indian tribal governments to close such dumps in compliance with Federal standards and regulations or standards promulgated by Indian Tribal governments or Alaska Native entities.

Government Publication Date: Dec 31, 1998

CERCLIS - No Further Remedial Action Planned:

[CERCLIS NFRAP](#)

An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. The Archive designation means that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL). This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Government Publication Date: Oct 25, 2013

CERCLIS Liens:

[CERCLIS LIENS](#)

A Federal Superfund lien exists at any property where EPA has incurred Superfund costs to address contamination ("Superfund site") and has provided notice of liability to the property owner. A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. This database is made available by the United States Environmental Protection Agency (EPA). This database was provided by the United States Environmental Protection Agency (EPA). Refer to SEMS LIEN as the current data source for Superfund Liens.

Government Publication Date: Jan 30, 2014

RCRA CORRACTS-Corrective Action:

[RCRA CORRACTS](#)

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. At these sites, the Corrective Action Program ensures that cleanups occur. EPA and state regulators work with facilities and communities to design remedies based on the contamination, geology, and anticipated use unique to each site.

Government Publication Date: Apr 8, 2024

RCRA non-CORRACTS TSD Facilities:

[RCRA TSD](#)

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. This database includes Non-Corrective Action sites that have indicated engagement in the treatment, storage, or disposal of hazardous waste which requires a RCRA hazardous waste permit.

Government Publication Date: Apr 8, 2024

RCRA Generator List:[RCRA LQG](#)

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Large Quantity Generators (LQGs) generate 1,000 kilograms per month or more of hazardous waste or more than one kilogram per month of acutely hazardous waste.

Government Publication Date: Apr 8, 2024

RCRA Small Quantity Generators List:[RCRA SQG](#)

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Small Quantity Generators (SQGs) generate more than 100 kilograms, but less than 1,000 kilograms, of hazardous waste per month.

Government Publication Date: Apr 8, 2024

RCRA Very Small Quantity Generators List:[RCRA VSQG](#)

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Very Small Quantity Generators (VSQG) generate 100 kilograms or less per month of hazardous waste, or one kilogram or less per month of acutely hazardous waste. Additionally, VSQG may not accumulate more than 1,000 kilograms of hazardous waste at any time.

Government Publication Date: Apr 8, 2024

RCRA Non-Generators:[RCRA NON GEN](#)

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Non-Generators do not presently generate hazardous waste.

Government Publication Date: Apr 8, 2024

RCRA Sites with Controls:[RCRA CONTROLS](#)

List of Resource Conservation and Recovery Act (RCRA) facilities with institutional controls in place. RCRA gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances.

Government Publication Date: Apr 8, 2024

Federal Engineering Controls-ECs:[FED ENG](#)

List of Engineering controls (ECs) made available by the United States Environmental Protection Agency (EPA). ECs encompass a variety of engineered and constructed physical barriers (e.g., soil capping, sub-surface venting systems, mitigation barriers, fences) to contain and/or prevent exposure to contamination on a property. The EC listing includes remedy component data from Superfund decision documents for applicable sites on the final or deleted on the National Priorities List (NPL); and sites with a Superfund Alternative Approach (SAA) Agreement in place. The only sites included that are not on the NPL; proposed for NPL; or removed from proposed NPL, are those with an SAA Agreement in place.

Government Publication Date: Apr 22, 2024

Federal Institutional Controls-ICs:[FED INST](#)

List of Institutional controls (ICs) made available by the United States Environmental Protection Agency (EPA). ICs are non-engineered instruments, such as administrative and legal controls, that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy. Although it is EPA's expectation that treatment or engineering controls will be used to address principal threat wastes and that groundwater will be returned to its beneficial use whenever practicable, ICs play an important role in site remedies because they reduce exposure to contamination by limiting land or resource use and guide human behavior at a site. The IC listing includes remedy component data from Superfund decision documents for applicable sites on the final or deleted on the National Priorities List (NPL); and sites with a Superfund Alternative Approach (SAA) Agreement in place. The only sites included that are not on the NPL; proposed for NPL; or removed from proposed NPL, are those with an SAA Agreement in place.

Government Publication Date: Apr 22, 2024

Land Use Control Information System:

LUCIS

The LUCIS database is maintained by the U.S. Department of the Navy and contains information for former Base Realignment and Closure (BRAC) properties across the United States.

Government Publication Date: Sep 1, 2006

Institutional Control Boundaries at NPL sites:

NPL IC

Boundaries of Institutional Control areas at sites on the United States Environmental Protection Agency (EPA)'s National Priorities List, or Proposed or Deleted, made available by the EPA's Shared Enterprise Geodata and Services (SEGS). United States Environmental Protection Agency (EPA)'s National Priorities List of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. Institutional controls are non-engineered instruments such as administrative and legal controls that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy.

Government Publication Date: Apr 22, 2024

Emergency Response Notification System:

ERNS 1982 TO 1986

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1982-1986

Emergency Response Notification System:

ERNS 1987 TO 1989

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1987-1989

Emergency Response Notification System:

ERNS

Database of oil and hazardous substances spill reports made available by the United States Coast Guard National Response Center (NRC). The NRC fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. These data contain initial incident data that has not been validated or investigated by a federal/state response agency.

Government Publication Date: Apr 28, 2024

The Assessment, Cleanup and Redevelopment Exchange System (ACRES) Brownfield Database:

FED BROWNFIELDS

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties protects the environment, reduces blight, and takes development pressures off greenspaces and working lands. This data is provided by the United States Environmental Protection Agency (EPA) and includes Brownfield sites from the Cleanups in My Community (CIMC) web application.

Government Publication Date: Feb 7, 2024

FEMA Underground Storage Tank Listing:

FEMA UST

The Federal Emergency Management Agency (FEMA) of the Department of Homeland Security maintains a list of FEMA owned underground storage tanks.

Government Publication Date: Dec 31, 2017

Facility Response Plan:

FRP

This listing contains facilities that have submitted Facility Response Plans (FRPs) to the U.S. Environmental Protection Agency (EPA). Facilities that could reasonably be expected to cause "substantial harm" to the environment by discharging oil into or on navigable waters are required to prepare and submit FRPs. Harm is determined based on total oil storage capacity, secondary containment and age of tanks, oil transfer activities, history of discharges, proximity to a public drinking water intake or sensitive environments. This listing includes FRP facilities from an applicable EPA FOIA file and Homeland Infrastructure Foundation-Level Data (HIFLD) data file.

Government Publication Date: Jan 9, 2024

Delisted Facility Response Plans:

DELISTED FRP

Facilities that once appeared in - and have since been removed from - the list of facilities that have submitted Facility Response Plans (FRP) to EPA. Facilities that could reasonably be expected to cause "substantial harm" to the environment by discharging oil into or on navigable waters are required to prepare and submit Facility Response Plans (FRPs). Harm is determined based on total oil storage capacity, secondary containment and age of tanks, oil transfer activities, history of discharges, proximity to a public drinking water intake or sensitive environments.

Government Publication Date: Jan 9, 2024

Historical Gas Stations:

[HIST GAS STATIONS](#)

This historic directory of service stations is provided by the Cities Service Company. The directory includes Cities Service filling stations that were located throughout the United States in 1930.

Government Publication Date: Jul 1, 1930

Petroleum Refineries:

[REFN](#)

List of petroleum refineries from the U.S. Energy Information Administration (EIA) Refinery Capacity Report. Includes operating and idle petroleum refineries (including new refineries under construction) and refineries shut down during the previous year located in the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, Guam, and other U.S. possessions. Survey locations adjusted using public data.

Government Publication Date: Feb 28, 2024

Petroleum Product and Crude Oil Rail Terminals:

[BULK TERMINAL](#)

A list of petroleum product and crude oil rail terminals from the U.S. Energy Information Administration (EIA), as well as petroleum terminals sourced from the Federal Communications Commission Data hosted by the Homeland Infrastructure Foundation-Level Database. Data includes operable bulk petroleum product terminals with a total bulk shell storage capacity of 50,000 barrels or more, and/or the ability to receive volumes from tanker, barge, or pipeline; also rail terminals handling the loading and unloading of crude oil with activity between 2017 and 2018. EIA petroleum product terminal data comes from the EIA-815 Bulk Terminal and Blender Report, which includes working, shell in operation, and shell idle for several major product groupings.

Government Publication Date: Jun 6, 2024

LIEN on Property:

[SEMS LIEN](#)

The U.S. Environmental Protection Agency's (EPA) Superfund Enterprise Management System (SEMS) provides Lien details on applicable properties, such as the Superfund lien on property activity, the lien property information, and the parties associated with the lien.

Government Publication Date: Mar 27, 2024

Superfund Decision Documents:

[SUPERFUND ROD](#)

This database contains a list of decision documents for Superfund sites. Decision documents serve to provide the reasoning for the choice of (or) changes to a Superfund Site cleanup plan. The decision documents include completed Records of Decision (ROD), ROD Amendments, Explanations of Significant Differences (ESD) for active and archived sites stored in the Superfund Enterprise Management System (SEMS), along with other associated memos and files. This information is maintained and made available by the U.S. Environmental Protection Agency.

Government Publication Date: Mar 27, 2024

Formerly Utilized Sites Remedial Action Program:

[DOE FUSRAP](#)

The U.S. Department of Energy (DOE) established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from the Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations. The DOE Office of Legacy Management (LM) established long-term surveillance and maintenance (LTS&M) requirements for remediated FUSRAP sites. DOE evaluates the final site conditions of a remediated site on the basis of risk for different future uses. DOE then confirms that LTS&M requirements will maintain protectiveness.

Government Publication Date: Mar 4, 2017

State

Brownfield Redevelopment Program:

[BROWNFIELDS](#)

This listing includes sites enrolled or those that have applied to be in the Brownfield Redevelopment Program. The list is made available by the Kentucky Energy and Environment Cabinet (EEC).

Government Publication Date: May 3, 2024

State Leads Priority List:

[SHWS](#)

This Superfund/State Leads Priority List is maintained by the Kentucky Energy and Environment Cabinet's (EEC) Department of Environmental Protection (DEP). The listing includes sites from regulatory descriptions, when assigned, such as: Petroleum Cleanup, Federal Superfund, State Superfund. This database is state equivalent CERCLIS – State Hazardous Waste Sites.

Government Publication Date: May 17, 2024

Delisted State Leads Priority List:

[DELISTED SHWS](#)

This database contains a list of closed State Hazardous Waste sites that were removed from the Kentucky Department of Environmental Protection (DEP).

Government Publication Date: May 17, 2024

Solid Waste Facilities and Landfills:

SWF/LF

This list of permitted Solid Waste Facility (SWF) sites is made available by the Kentucky Energy and Environment Cabinet's (EEC) Solid Waste Branch. The listing includes landfills, special waste sites and other solid waste sites.

Government Publication Date: Jun 11, 2024

Historic Landfills:

HIST LANDFILL

According to the Kentucky Department of Environmental Protection (DEP), before solid waste management was regulated in Kentucky, most towns or cities had a common location where household waste and a vast array of other materials were disposed. These "old town dumps" were the de facto landfill for the area, and were rarely operated in a manner consistent with current standards. In most cases they were not properly capped to prevent migration of contaminated leachate and other pollutants. Division records indicate more than 600 of these sites are scattered across the state. The DEP's Solid Waste Branch Closure Section addresses proper closure and remediation of these historic sites. Closure/remediation work is presently ongoing at several sites across the state.

Government Publication Date: Mar 24, 2014

SB193 Branch Site Inventory List:

SB193

This list is comprised of sites that have performed permanent closure activities at regulated underground storage tank facilities and have known soil and/or groundwater contamination. Historical listing made available by the underground storage tank branch in the Department of Environmental Protection (DEP) of Kentucky State.

Government Publication Date: Apr 30, 1985

Ranking List for UST Facilities:

PSTEAF

A list of UST facilities under site investigation which are eligible to receive reimbursement from Financial Responsibility Account (FRA) and Petroleum Storage Tank Account (PSTA) of the Petroleum Storage Tank Environmental Assurance Fund (PSTEAF). Reimbursements from the FRA and PSTA are determined by this ranking system. This list is maintained by the Kentucky Energy and Environment Cabinet's (EEC) Department of Environmental Protection (DEP) Underground Storage Tank Branch.

Government Publication Date: May 6, 2024

Underground Storage Tanks:

UST

A list of registered Underground Storage Tanks (USTs) maintained by the Kentucky Energy and Environment Cabinet's (EEC) Department of Environmental Protection (DEP) Underground Storage Tank Branch. This list is composed of documents from the Underground Storage Tank Resources and the Delivery or Deposit Prohibitions eSearch.

Government Publication Date: May 6, 2024

State Fire Marshal Underground Storage Tank Permits:

SFM UST PERMIT

List of underground storage tank permits made available by the Kentucky Office of the State Fire Marshal Hazardous Materials Section. The Hazardous Materials Section is responsible for the permitting of flammable, combustible, and hazardous material storage vessel installations. The section permits and plan reviews the installation, repairs, and modifications on underground storage tanks and related components.

Government Publication Date: Apr 16, 2024

State Fire Marshal Aboveground Storage Tank Permits:

SFM AST PERMIT

List of aboveground storage tank permits made available by the Kentucky Office of the State Fire Marshal Hazardous Materials Section. The Hazardous Materials Section is responsible for the permitting of flammable, combustible, and hazardous material storage vessel installations. The section permits and plan reviews the installation, repairs, and modifications on aboveground storage tanks and related components.

Government Publication Date: Apr 16, 2024

State Fire Marshal Liquefied Petroleum Gas Tank Permits:

SFM LPG PERMIT

List of liquefied petroleum gas tank permits made available by the Kentucky Office of the State Fire Marshal Hazardous Materials Section. The Hazardous Materials Section regulates the sale and storage of Liquefied Petroleum Gas.

Government Publication Date: Apr 16, 2024

Delisted Storage Tank:

DELISTED STORAGE TANK

This database contains a list of closed storage tank sites that were removed from the Underground Storage Tank Branch in the Kentucky Department of Environmental Protection (DEP).

Government Publication Date: May 6, 2024

Sites with Engineering Controls:

ENG

This list of sites with engineering controls in place is made available by the Kentucky Energy and Environment Cabinet's (EEC) Department of Environmental Protection (DEP). The listing includes sites from applicable Open Records Request files pertaining to those with engineering controls implemented as part of a risk management plan, such as containment, constructed physical barrier, monitored natural attenuation, and a number of other methods to contain and/or prevent exposure to hazardous substances, pollutants, and contaminants that may remain on affected properties.

Government Publication Date: May 17, 2024

Sites with Institutional Controls:

INST

This list of sites with institutional controls in place is made available by the Kentucky Energy and Environment Cabinet's (EEC) Department of Environmental Protection (DEP). The listing includes sites from applicable Open Records Request files pertaining to those with institutional controls implemented as part of a risk management plan. Institutional controls are legal or administrative instruments (such as deed restrictions, covenants, zoning, easements) that impose restrictions to control exposure to hazardous substances, pollutants, and contaminants that may remain on affected properties.

Government Publication Date: May 17, 2024

Voluntary Cleanup Program Sites:

VCP

The Kentucky Department of Environmental Protection (DEP) maintains an inventory of sites that are in the Voluntary Cleanup Program.

Government Publication Date: Jan 9, 2024

Kentucky Brownfield Inventory:

BROWNFIELD INV

Kentucky Brownfield Inventory consists primarily of properties that are receiving, or have received, assessments and/or cleanups under federal brownfield funding to states or local government entities. This list is managed by the Kentucky Department for Environmental Protection (DEP).

Government Publication Date: Apr 23, 2024

Tribal

Leaking Underground Storage Tanks (LUSTs) on Indian Lands:

INDIAN LUST

This list of leaking underground storage tanks (LUSTs) on Tribal/Indian Lands in Region 4, which includes Kentucky, is made available by the United States Environmental Protection Agency (EPA). There are no federally recognized Tribes in Kentucky, according to the U.S. Department of Interior, Bureau of Indian Affairs.

Government Publication Date: Oct 14, 2017

Underground Storage Tanks (USTs) on Indian Lands:

INDIAN UST

This list of underground storage tanks (USTs) on Tribal/Indian Lands in Region 4, which includes Kentucky, is made available by the United States Environmental Protection Agency (EPA). There are no federally recognized Tribes in Kentucky, according to the U.S. Department of Interior, Bureau of Indian Affairs.

Government Publication Date: Oct 14, 2017

Delisted Tribal Leaking Storage Tanks:

DELISTED INDIAN LST

Leaking Underground Storage Tank (LUST) facilities which once appeared on - and have since been removed from - the Regional Tribal/Indian LUST lists made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: May 7, 2024

Delisted Tribal Underground Storage Tanks:

DELISTED INDIAN UST

Underground Storage Tank (UST) facilities which once appeared on - and have since been removed from - the Regional Tribal/Indian UST lists made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: May 7, 2024

County

No County standard environmental record sources available for this State.

Additional Environmental Record Sources

Federal

PFAS Greenhouse Gas Emissions Data:

[PFAS GHG](#)

The U.S. Environmental Protection Agency's Greenhouse Gas Reporting Program (GHGRP) collects Greenhouse Gas (GHG) data from large emitting facilities (25,000 metric tons of carbon dioxide equivalent (CO₂e) per year), and suppliers of fossil fuels and industrial gases that results in GHG emissions when used. Includes GHG emissions data for facilities that emit or have emitted since 2010 chemicals identified in EPA's CompTox Chemicals Dashboard list of PFAS without explicit structures and list of PFAS structures by DSSTox. PFAS emissions data has been identified for facilities engaged in the following industrial processes: Aluminum Production (GHGRP Subpart F), HCFC-22 Production and HFC-23 Destruction (Subpart O), Electronics Manufacturing (Subpart I), Fluorinated Gas Production (Subpart L), Magnesium Production (Subpart T), Electrical Transmission and Distribution Equipment Use (Subpart DD), and Manufacture of Electric Transmission and Distribution Equipment (Subpart SS). Over time, other industrial processes with required GHGRP reporting may include PFAS emissions data and the list of reportable gases may change over time.

Government Publication Date: May 9, 2024

On-Scene Coordinator Response Sites:

[OSC RESPONSE](#)

This list of On-Scene Coordinator (OSC) Response Sites is provided by the U.S. Environmental Protection Agency (EPA). OSCs are the federal officials responsible for monitoring or directing responses to all oil spills and hazardous substance releases reported to the federal government. OSCs coordinate all federal efforts with, and provide support and information to local, state, and regional response communities. An OSC is an agent of either EPA or the U.S. Coast Guard (USCG), depending on where the incident occurs. EPA's OSCs have primary responsibility for spills and releases to inland areas and waters. USCG OSCs have responsibility for coastal waters and the Great Lakes. In general, an OSC has the following key responsibilities during and after a response: Assessment, Monitoring, Response Assistance, and Evaluation.

Government Publication Date: Apr 4, 2024

Facility Registry Service/Facility Index:

[FINDS/FRS](#)

The Facility Registry Service (FRS) is a centrally managed database that identifies facilities, sites, or places subject to environmental regulations or of environmental interest. FRS creates high-quality, accurate, and authoritative facility identification records through rigorous verification and management procedures that incorporate information from program national systems, state master facility records, and data collected from EPA's Central Data Exchange registrations and data management personnel. This list is made available by the U.S. Environmental Protection Agency (EPA).

Government Publication Date: Feb 9, 2024

Toxics Release Inventory (TRI) Program:

[TRIS](#)

The U.S. Environmental Protection Agency's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of toxic chemicals from U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment. There are currently 770 individually listed chemicals and 33 chemical categories covered by the TRI Program. Facilities that manufacture, process or otherwise use these chemicals in amounts above established levels must submit annual reporting forms for each chemical. Note that the TRI chemical list does not include all toxic chemicals used in the U.S. One of TRI's primary purposes is to inform communities about toxic chemical releases to the environment. This database includes TRI Reporting Data for calendar years 1987 through 2021 and Preliminary Data for 2022.

Government Publication Date: Sep 20, 2023

PFOA/PFOS Contaminated Sites:

[PFAS NPL](#)

This list of Superfund Sites with Per- and Polyfluoroalkyl Substances (PFAS) detections is made available by the U.S. Environmental Protection Agency (EPA) in their PFAS Analytic Tools data, previously the list was obtained by EPA FOIA requests. EPA's Office of Land and Emergency Management and EPA Regional Offices maintain what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment. Limitations: Detections of PFAS at National Priorities List (NPL) sites do not mean that people are at risk from PFAS, are exposed to PFAS, or that the site is the source of the PFAS. The information in the Superfund NPL and Superfund Alternative Agreement (SAA) PFAS detection site list is years old and may not be accurate today. Site information such as site name, site ID, and location has been confirmed for accuracy; however, PFAS-related information such as media sampled, drinking water being above the health advisory, or mitigation efforts has not been verified. For Federal Facilities data, the other Federal agencies (OFA) are the lead agency for their data and provided them to EPA.

Government Publication Date: Jun 20, 2024

Federal Agency Locations with Known or Suspected PFAS Detections:

[PFAS FED SITES](#)

List of Federal agency locations with known or suspected detections of Per- and Polyfluoroalkyl Substances (PFAS), made available by the U.S. Environmental Protection Agency (EPA) in their PFAS Analytic Tools data. EPA outlines that these data are gathered from several federal entities, such as the Federal Superfund program, Department of Defense (DOD), National Aeronautics and Space Administration, Department of Transportation, and Department of Energy. The dates this data was extracted for the PFAS Analytic Tools range from 2022 to 2024. Sites on this list do not necessarily reflect the source/s of PFAS contamination and detections do not indicate level of risk or human exposure at the site. Agricultural notifications in this data are limited to DOD sites only. At this time, the EPA is aware that this list is not comprehensive of all Federal agencies.

Government Publication Date: Apr 1, 2024

SSEHRI PFAS Contamination Sites:

[PFAS SSEHRI](#)

This PFAS Contamination Site Tracker database is compiled by the Social Science Environmental Health Research Institute (SSEHRI) at Northeastern University. According to the SSEHRI, the database records qualitative and quantitative data from each known site of PFAS contamination, including timeline of discovery, sources, levels, health impacts, community response, and government response. The goal of this database is to compile information and support public understanding of the rapidly unfolding issue of PFAS contamination. All data presented was extracted from government websites, news articles, or publicly available documents, and this is cited in the tracker. Locations for the Known PFAS Contamination Sites are sourced from the PFAS Sites and Community Resources Map, credited to the Northeastern University's PFAS Project Lab, Silent Spring Institute, and the PFAS-REACH team. Disclaimer: The source conveys the data undergoes regular updates as new information becomes available, some sites may be missing and/or contain information that is incorrect or outdated, as well as their information represents all contamination sites SSEHRI is aware of, not all possible contamination sites. This data is not intended to be used for legal purposes. Access the following source link for the most current information: <https://pfasproject.com/pfas-sites-and-community-resources/>

Government Publication Date: May 19, 2023

National Response Center PFAS Spills:

[ERNS PFAS](#)

This Per- and Poly-Fluoroalkyl Substances (PFAS) Spills dataset is made available via the U.S. Environmental Protection Agency's (EPA) PFAS Analytic Tools. The National Response Center (NRC), operated by the U.S. Coast Guard, is the designated federal point of contact for reporting all oil, chemical, and other discharges into the environment, for the United States and its territories. This dataset contains NRC spill information from 1990 to the present that is restricted to records associated with PFAS and PFAS-containing materials. Incidents are filtered to include only records with a "Material Involved" or "Incident Description" related to Aqueous Film Forming Foam (AFFF). The keywords used to filter the data included "AFFF," "Fire Fighting Foam," "Aqueous Film Forming Foam," "Fire Suppressant Foam," "PFAS," "PERFL," "PFOA," "PFOS," and "Genx." Limitations: The data from the NRC website contains initial incident data that has not been validated or investigated by a federal/state response agency. Keyword searches may misidentify some incident reports that do not contain PFAS. This dataset should also not be considered to be exhaustive of all PFAS spills/release incidents.

Government Publication Date: Apr 17, 2024

PFAS NPDES Discharge Monitoring:

[PFAS NPDES](#)

This list of National Pollutant Discharge Elimination System (NPDES) permitted facilities with required monitoring for Per- and Polyfluoroalkyl (PFAS) Substances is made available via the U.S. Environmental Protection Agency (EPA)'s PFAS Analytic Tools. Any point-source wastewater discharger to waters of the United States must have a NPDES permit, which defines a set of parameters for pollutants and monitoring to ensure that the discharge does not degrade water quality or impair human health. This list includes NPDES permitted facilities associated with permits that monitor for Per- and Polyfluoroalkyl Substances (PFAS), limited to the years 2007 - present. EPA further advises the following regarding these data: currently, fewer than half of states have required PFAS monitoring for at least one of their permittees, and fewer states have established PFAS effluent limits for permittees. For states that may have required monitoring, some reporting and data transfer issues may exist on a state-by-state basis.

Government Publication Date: May 6, 2024

Perfluorinated Alkyl Substances (PFAS) from Toxic Release Inventory:

[PFAS TRI](#)

List of Toxics Release Inventory (TRI) facilities at which the reported chemical is a per- or polyfluoroalkyl (PFAS) substance included in the U.S. Environmental Protection Agency's (EPA) consolidated PFAS Master List of PFAS Substances. Encompasses Toxics Release Inventory records included in the EPA PFAS Analytic Tools. The EPA's TRI database currently tracks information on disposal or releases of 770 individually listed toxic chemicals and 33 chemical categories from thousands of U.S. facilities and details about how facilities manage those chemicals through recycling, energy recovery, and treatment. This listing includes TRI Reporting Data for calendar years 1987 through 2021 and Preliminary Data for 2022.

Government Publication Date: Sep 20, 2023

Perfluorinated Alkyl Substances (PFAS) Water Quality:

[PFAS WATER](#)

The Water Quality Portal (WQP) is a cooperative service sponsored by the United States Geological Survey (USGS), the Environmental Protection Agency (EPA), and the National Water Quality Monitoring Council (NWQMC). This listing includes records from the Water Quality Portal where the characteristic (environmental measurement) is in the Environmental Protection Agency (EPA)'s consolidated Master List of PFAS Substances.

Government Publication Date: Jul 20, 2020

PFAS TSCA Manufacture and Import Facilities:

[PFAS TSCA](#)

The U.S. Environmental Protection Agency (EPA) issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. This list is specific only to TSCA Manufacture and Import Facilities with reported per- and poly-fluoroalkyl (PFAS) substances. Data file is sourced from EPA's PFAS Analytic Tools TSCA dataset which includes CDR/Inventory Update Reporting data from 1998 up to 2020. Disclaimer: This data file includes production and importation data for chemicals identified in EPA's CompTox Chemicals Dashboard list of PFAS without explicit structures and list of PFAS structures in DSSTox. Note that some regulations have specific chemical structure requirements that define PFAS differently than the lists in EPA's CompTox Chemicals Dashboard. Reporting information on manufactured or imported chemical substance amounts should not be compared between facilities, as some companies claim Chemical Data Reporting Rule data fields for PFAS information as Confidential Business Information.

Government Publication Date: Jan 5, 2023

PFAS Waste Transfers from RCRA e-Manifest :[PFAS E-MANIFEST](#)

This Per- and Poly-Fluoroalkyl Substances (PFAS) Waste Transfers dataset is made available via the U.S. Environmental Protection Agency's (EPA) PFAS Analytic Tools. Every shipment of hazardous waste in the U.S. must be accompanied by a shipment manifest, which is a critical component of the cradle-to-grave tracking of wastes mandated by the Resource Conservation and Recovery Act (RCRA). According to the EPA, currently no Federal Waste Code exists for any PFAS compounds. To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: • PFAS • PFOA • PFOS • PERFL • AFFF • GENX • GEN-X (plus the Vermont state-specific waste codes). Limitations: Amount or concentration of PFAS being transferred cannot be determined from the manifest information. Keyword searches may misidentify some manifest records that do not contain PFAS. This dataset should also not be considered to be exhaustive of all PFAS waste transfers.

Government Publication Date: Apr 29, 2024

PFAS Industry Sectors:[PFAS IND](#)

This Per- and Poly-Fluoroalkyl Substances (PFAS) Industry Sectors dataset is made available via the U.S. Environmental Protection Agency's (EPA) PFAS Analytic Tools. The EPA developed the dataset from various sources that show which industries may be handling PFAS including: EPA's Enforcement and Compliance History Online (ECHO) records restricted to potential PFAS-handling industry sectors; ECHO records for Fire Training Sites identified where fire-fighting foam may have been used in training exercises; and 14 CFR Part 139 Airports compiled from historic and current records from the FAA Airport Data and Information Portal. Since July 2006, all certificated Part 139 Airports are required to have fire-fighting foam onsite that meet certain military specifications, which to date have been fluorinated (Aqueous Film Forming Foam). Limitations: Inclusion in this dataset does not indicate that PFAS are being manufactured, processed, used, or released by the facility. Listed facilities potentially handle PFAS based on their industrial profile, but are unconfirmed by the EPA. Keyword searches in ECHO for Fire Training sites may misidentify some facilities and should not be considered to be an exhaustive list of fire training facilities in the U.S.

Government Publication Date: Jul 1, 2024

Hazardous Materials Information Reporting System:[HMIRS](#)

The Hazardous Materials Incident Reporting System (HMIRS) database contains unintentional hazardous materials release information reported to the U.S. Department of Transportation, Pipeline and Hazardous Materials Safety Administration.

Government Publication Date: May 29, 2024

National Clandestine Drug Labs:[NCDL](#)

The U.S. Department of Justice ("the Department"), Drug Enforcement Administration (DEA), provides this data as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy.

Government Publication Date: Nov 30, 2023

Toxic Substances Control Act:[TSCA](#)

The U.S. Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule. The CDR enables EPA to collect and publish information on the manufacturing, processing, and use of commercial chemical substances and mixtures (referred to hereafter as chemical substances) on the TSCA Chemical Substance Inventory (TSCA Inventory). This includes current information on chemical substance production volumes, manufacturing sites, and how the chemical substances are used. This information helps the Agency determine whether people or the environment are potentially exposed to reported chemical substances. EPA publishes submitted CDR data that is not Confidential Business Information (CBI). EPA CDR collections occur approximately every four years and reporting requirements change per collection.

Government Publication Date: May 12, 2022

Hist TSCA:[HIST TSCA](#)

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.

The 2006 IUR data summary report includes information about chemicals manufactured or imported in quantities of 25,000 pounds or more at a single site during calendar year 2005. In addition to the basic manufacturing information collected in previous reporting cycles, the 2006 cycle is the first time EPA collected information to characterize exposure during manufacturing, processing and use of organic chemicals. The 2006 cycle also is the first time manufacturers of inorganic chemicals were required to report basic manufacturing information.

Government Publication Date: Dec 31, 2006

FTTS Administrative Case Listing:[FTTS ADMIN](#)

An administrative case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

FTTS Inspection Case Listing:

FTTS INSP

An inspection case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

Potentially Responsible Parties List:

PRP

Early in the site cleanup process, the U.S. Environmental Protection Agency (EPA) conducts a search to find the Potentially Responsible Parties (PRPs). The EPA looks for evidence to determine liability by matching wastes found at the site with parties that may have contributed wastes to the site. This listing contains PRPs, Noticed Parties, at sites in the EPA's Superfund Enterprise Management System (SEMS).

Government Publication Date: Apr 22, 2024

State Coalition for Remediation of Drycleaners Listing:

SCRD DRYCLEANER

The State Coalition for Remediation of Drycleaners (SCRD) was established in 1998, with support from the U.S. Environmental Protection Agency (EPA) Office of Superfund Remediation and Technology Innovation. Coalition members are states with mandated programs and funding for drycleaner site remediation. Current members are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin. Since 2017, the SCRCD no longer maintains this data, refer to applicable state source data where available.

Government Publication Date: Nov 08, 2017

Integrated Compliance Information System (ICIS):

ICIS

The Integrated Compliance Information System (ICIS) database contains integrated enforcement and compliance information across most of U.S. Environmental Protection Agency's (EPA) programs. The vision for ICIS is to replace EPA's independent databases that contain enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions and a subset of the Permit Compliance System (PCS), which supports the National Pollutant Discharge Elimination System (NPDES). This information is maintained by the EPA Headquarters and at the Regional offices. A future release of ICIS will completely replace PCS and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities that support compliance and enforcement programs, including incident tracking, compliance assistance, and compliance monitoring.

Government Publication Date: Apr 13, 2024

Drycleaner Facilities:

FED DRYCLEANERS

A list of drycleaner facilities from Enforcement and Compliance History Online (ECHO) data as made available by the U.S. Environmental Protection Agency (EPA), sourced from the ECHO Exporter file. The EPA tracks facilities that possess NAIC and SIC codes that classify businesses as drycleaner establishments.

Government Publication Date: May 5, 2024

Delisted Drycleaner Facilities:

DELISTED FED DRY

List of sites removed from the list of Drycleaner Facilities (sites in the EPA's Integrated Compliance Information System (ICIS) with NAIC or SIC codes identifying the business as a drycleaner establishment).

Government Publication Date: May 5, 2024

Formerly Used Defense Sites:

FUDS

Formerly Used Defense Sites (FUDS) are properties that were formerly owned by, leased to, or otherwise possessed by and under the jurisdiction of the Secretary of Defense prior to October 1986, where the Department of Defense (DOD) is responsible for an environmental restoration. The FUDS Annual Report to Congress (ARC) is published by the U.S. Army Corps of Engineers (USACE). This data is compiled from the USACE's Geospatial FUDS data layers and Homeland Infrastructure Foundation-Level Data (HIFLD) FUDS dataset which applies to the Fiscal Year 2021 FUDS Inventory.

Government Publication Date: May 15, 2023

FUDS Munitions Response Sites:

FUDS MRS

Boundaries of Munitions Response Sites (MRS), published with the Formerly Used Defense Sites (FUDS) Annual Report to Congress (ARC) by the U.S. Army Corps of Engineers (USACE). An MRS is a discrete location within a Munitions response area (MRA) that is known to require a munitions response. An MRA means any area on a defense site that is known or suspected to contain unexploded ordnance (UXO), discarded military munitions (DMM), or munitions constituents (MC). This data is compiled from the USACE's Geospatial MRS data layers and Homeland Infrastructure Foundation-Level Data (HIFLD) MRS dataset.

Government Publication Date: May 15, 2023

Former Military Nike Missile Sites:

FORMER NIKE

This information was taken from report DRXTH-AS-IA-83A016 (Historical Overview of the Nike Missile System, 12/1984) which was performed by Environmental Science and Engineering, Inc. for the U.S. Army Toxic and Hazardous Materials Agency Assessment Division. The Nike system was deployed between 1954 and the mid-1970's. Among the substances used or stored on Nike sites were liquid missile fuel (JP-4); starter fluids (UDKH, aniline, and furfuryl alcohol); oxidizer (IRFNA); hydrocarbons (motor oil, hydraulic fluid, diesel fuel, gasoline, heating oil); solvents (carbon tetrachloride, trichloroethylene, trichloroethane, stoddard solvent); and battery electrolyte. The quantities of material a disposed of and procedures for disposal are not documented in published reports. Virtually all information concerning the potential for contamination at Nike sites is confined to personnel who were assigned to Nike sites. During deactivation most hardware was shipped to depot-level supply points. There were reportedly instances where excess materials were disposed of on or near the site itself at closure. There was reportedly no routine site decontamination.

Government Publication Date: Dec 2, 1984

PHMSA Pipeline Safety Flagged Incidents:

PIPELINE INCIDENT

This list of flagged pipeline incidents is made available by the U.S. Department of Transportation (US DOT) Pipeline and Hazardous Materials Safety Administration (PHMSA). PHMSA regulations require incident and accident reports for five different pipeline system types. Accidents reported on hazardous liquid gravity lines (§195.13) and reporting-regulated-only hazardous liquid gathering lines (§195.15) and incidents reported on Type R gas gathering (§192.8(c)) are not included in the flagged incident file data.

Government Publication Date: May 6, 2024

Material Licensing Tracking System (MLTS):

MLTS

A list of sites that store radioactive material subject to the Nuclear Regulatory Commission (NRC) licensing requirements. This list is maintained by the NRC. As of September 2016, the NRC no longer releases location information for sites. Site locations were last received in July 2016.

Government Publication Date: May 11, 2021

Historic Material Licensing Tracking System (MLTS) sites:

HIST MLTS

A historic list of sites that have inactive licenses and/or removed from the Material Licensing Tracking System (MLTS). In some cases, a site is removed from the MLTS when the state becomes an "Agreement State". An Agreement State is a State that has signed an agreement with the Nuclear Regulatory Commission (NRC) authorizing the State to regulate certain uses of radioactive materials within the State.

Government Publication Date: Jan 31, 2010

Mines Master Index File:

MINES

The Master Index File (MIF) is provided by the United States Department of Labor, Mine Safety and Health Administration (MSHA). This file, which was originally created in the 1970's, contained many Mine-IDs that were invalid. MSHA removes invalid IDs from the MIF upon discovery. MSHA applicable data includes the following: all Coal and Metal/Non-Metal mines under MSHA's jurisdiction since 1/1/1970; mine addresses for all mines in the database except for Abandoned mines prior to 1998 from MSHA's legacy system (addresses may or may not correspond with the physical location of the mine itself); violations that have been assessed penalties as a result of MSHA inspections beginning on 1/1/2000; and violations issued as a result of MSHA inspections conducted beginning on 1/1/2000.

Government Publication Date: Feb 5, 2024

Surface Mining Control and Reclamation Act Sites:

SMCRA

This inventory of land and water impacted by past mining (primarily legacy coal mining operations) is maintained by the U.S. Department of the Interior's Office of Surface Mining Reclamation and Enforcement (OSMRE), as it provides information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). This inventory contains information on the type and extent of Abandoned Mine Land (AML) Problems, as well as information on the cost associated with the reclamation of those problems. The data is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed. Disclaimer: Per the OSMRE, States and tribes who enter their data into e-AMLIS (AML Inventory System) may truncate their latitude and longitude so the precise location of usually dangerous AMLs is not revealed in an effort to protect the public from searching for these AMLs, most of which are on private property. If more precise location information is needed, please contact the applicable state/tribe of interest.

Government Publication Date: May 20, 2024

Mineral Resource Data System:

MRDS

The Mineral Resource Data System (MRDS) is a collection of reports describing metallic and nonmetallic mineral resources throughout the world. Included are deposit name, location, commodity, deposit description, geologic characteristics, production, reserves, resources, and references. This database contains the records previously provided in the Mineral Resource Data System (MRDS) of USGS and the Mineral Availability System/Mineral Industry Locator System (MAS/MILS) originated in the U.S. Bureau of Mines, which is now part of USGS. The USGS has ceased systematic updates of the MRDS database with their focus more recently on deposits of critical minerals while providing a well-documented baseline of historical mine locations from USGS topographic maps.

Government Publication Date: Mar 15, 2016

DOE Legacy Management Sites:

LM SITES

The U.S. Department of Energy (DOE) Office of Legacy Management (LM) currently manages radioactive and chemical waste, environmental contamination, and hazardous material at over 100 sites across the U.S. The LM manages sites with diverse regulatory drivers (statutes or programs that direct cleanup and management requirements at DOE sites) or as part of internal DOE or congressionally-recognized programs, such as but not limited to: Formerly Utilized Sites Remedial Action Program (FUSRAP), Uranium Mill Tailings Radiation Control Act (UMTRCA Title I, Title II), Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), Resource Conservation and Recovery Act (RCRA), Decontamination and Decommissioning (D&D), Nuclear Waste Policy Act (NWPA). This site listing includes data exported from the DOE Office of LM's Geospatial Environmental Mapping System (GEMS). GEMS Data disclaimer: The DOE Office of LM makes no representation or warranty, expressed or implied, regarding the use, accuracy, availability, or completeness of the data presented herein.

Government Publication Date: Dec 12, 2023

Alternative Fueling Stations:

ALT FUELS

This list of alternative fueling stations is sourced from the Alternative Fuels Data Center (AFDC). The U.S. Department of Energy's Office of Energy Efficiency & Renewable Energy launched the AFDC in 1991 as a repository for alternative fuel vehicle performance data, which provides a wealth of information and data on alternative and renewable fuels, advanced vehicles, fuel-saving strategies, and emerging transportation technologies. The data includes Biodiesel (B20 and above), Compressed Natural Gas (CNG), Electric, Ethanol (E85), Hydrogen, Liquefied Natural Gas (LNG), Propane (LPG), and Renewable Diesel (R20 and above) fuel type locations.

Government Publication Date: Apr 30, 2024

Superfunds Consent Decrees:

CONSENT DECREES

This list of Superfund consent decrees is provided by the Department of Justice, Environment & Natural Resources Division (ENRD) through a Freedom of Information Act (FOIA) applicable file. This listing includes Cases filed since 2010 limited to the following: Consent Decrees for CERCLA or Superfund Sites filed and/or as proposed within the ENRD's Case Management System (CMS); and applicable ENRD's Environmental Defense Section (EDS) CERCLA Cases with "Consent" in History Note. CMS may not reflect the latest developments in a case, nor can the agency guarantee the accuracy of the data. ENRD Disclaimer: Congress excluded three discrete categories of law enforcement and national security records from the requirements of the FOIA; response is limited to those records that are subject to the requirements of the FOIA; however, this should not be taken as an indication that excluded records do, or do not, exist.

Government Publication Date: Jun 26, 2024

Air Facility System:

AFS

This EPA retired Air Facility System (AFS) dataset contains emissions, compliance, and enforcement data on stationary sources of air pollution. Regulated sources cover a wide spectrum; from large industrial facilities to relatively small operations such as dry cleaners. AFS does not contain data on facilities that are solely asbestos demolition and/or renovation contractors, or landfills. ECHO Clean Air Act data from AFS are frozen and reflect data as of October 17, 2014; the EPA retired this system for Clean Air Act stationary sources and transitioned to ICIS-Air.

Government Publication Date: Oct 17, 2014

Registered Pesticide Establishments:

SSTS

This national list of active EPA-registered foreign and domestic pesticide and/or device-producing establishments is based on data from the Section Seven Tracking System (SSTS). The Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) Section 7 requires that each producing establishment must place its EPA establishment number on the label or immediate container of each pesticide, active ingredient or device produced. An EPA establishment number on a pesticide product label identifies the EPA registered location where the product was produced. The list of establishments is made available by the U.S. Environmental Protection Agency (EPA).

Government Publication Date: Feb 29, 2024

Polychlorinated Biphenyl (PCB) Transformers:

PCBT

Locations of Transformers Containing Polychlorinated Biphenyls (PCBs) registered with the United States Environmental Protection Agency. PCB transformer owners must register their transformer(s) with EPA. Although not required, PCB transformer owners who have removed and properly disposed of a registered PCB transformer may notify EPA to have their PCB transformer de-registered. Data made available by EPA.

Government Publication Date: Oct 15, 2019

Polychlorinated Biphenyl (PCB) Notifiers:

PCB

Facilities included in the national list of facilities that have notified the United States Environmental Protection Agency (EPA) of Polychlorinated Biphenyl (PCB) activities. Any company or person storing, transporting or disposing of PCBs or conducting PCB research and development must notify the EPA and receive an identification number.

Government Publication Date: May 23, 2024

State

Incidents:

SPILLS

A list of incidents reported to the Kentucky Department of Environmental Protection (Kentucky DEP) where hazardous materials may have been spilled and/or released.

Government Publication Date: Jun 6, 2024

Clandestine Drug Laboratory Locations:

CDL

List of methamphetamine labs remediated under the Kentucky Department of Environmental Protection Superfund Branch.

Government Publication Date: Apr 16, 2024

Permitted Mine Boundaries:

MINE

Boundaries of approved permitted mines for surface and underground mining in Kentucky. This includes western and eastern coal fields; active, inactive, and released permits. This data set is made available by the Division of Mine Permits, Kentucky Department for Natural Resources.

Government Publication Date: Mar 5, 2024

Tribal

No Tribal additional environmental record sources available for this State.

County

No County additional environmental record sources available for this State.

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary'-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.



CITY
DIRECTORY

Project Property: *AU Associates Campbell Lane Phase I
110 Campbell Lane
Bowling Green, KY 42101*

Project No: *001395-0007.00*

Requested By: *ALL4 LLC*

Order No: *24071700644*

Date Completed: *July 19, 2024*

Environmental Risk Information Services

A division of Glacier Media Inc.

1.866.517.5204 | info@erisinfo.com | erisinfo.com

July 19, 2024
RE: CITY DIRECTORY RESEARCH
110 Campbell Lane
Bowling Green, KY 42101

Thank you for contacting ERIS for an City Directory Search for the site described above. Our staff has conducted a reverse listing City Directory search to determine prior occupants of the subject site and adjacent properties. We have provided the nearest addresses(s) when adjacent addresses are not listed. If we have searched a range of addresses, all addresses in that range found in the Directory are included.

Note: Reverse Listing Directories generally are focused on more highly developed areas. Newly developed areas may be covered in the more recent years, but the older directories will tend to cover only the "central" parts of the city. To complete the search, we have either utilized the ACPL, Library of Congress, State Archives, and/or a regional library or history center as well as multiple digitized directories. These do not claim to be a complete collection of all reverse listing city directories produced.

ERIS has made every effort to provide accurate and complete information but shall not be held liable for missing, incomplete or inaccurate information. To complete this search we used the general range(s) below to search for relevant findings. If you believe there are additional addresses or streets that require searching please contact us at 866-517-5204.

Search Criteria:

100-520 of Campbell La
2400-2800 of Industrial Dr

Search Notes:

Campbell Ln is also known as 110 Campbell LA E in Bowling Green.

Search Results Summary

Date	Source	Comment
2022	DIGITAL BUSINESS DIRECTORY	
2020	DIGITAL BUSINESS DIRECTORY	
2016	DIGITAL BUSINESS DIRECTORY	
2012	DIGITAL BUSINESS DIRECTORY	
2011	DIGITAL BUSINESS DIRECTORY	
2008	DIGITAL BUSINESS DIRECTORY	
2003	DIGITAL BUSINESS DIRECTORY	
2002	DIGITAL BUSINESS DIRECTORY	
2000	DIGITAL BUSINESS DIRECTORY	
1997-98	POLKS	
1992	POLKS	
1987	CARONS	
1982	CARONS	
1977	CARONS	
1972	CARONS	
1967	CARONS	
1964	CARONS	
1959	CARONS	
1954	CARONS	
1949	CARONS	
1947	CARONS	
1941	CARONS	
1934	CARONS	
1927	BALDWINS	

Environmental Risk Information Services

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1.866.517.5204 | info@erisinfo.com | erisinfo.com

110 MILLERS BOTTLED GAS...PROPANE (LP) GAS

2420 SON NGUYEN...RESIDENTIAL
 2421 DAYMAR COLLEGE...EDUCATIONAL PROGRAMS
 2421 DAYMAR COLLEGE...TECHNICAL SCHOOLS
 2421 DRAUGHONS JUNIOR COLLEGE...SCHOOLS-UNIVERSITIES & COLLEGES
 ACADEMIC
 2421 DRAUGHONS JUNIOR COLLEGE...SCHOOLS-BUSINESS & VOCATIONAL
 2421 DRAUGHONS JUNIOR COLLEGE...ENVIRONMENTAL PRODUCTS & SUPPL
 (WHLS)
 2421 DRAUGHONS JUNIOR COLLEGE...SCHOOLS-MEDICAL &
 DENTAL ASSISTANTS/TECH
 2435 COLDWELL BANKER COML LEGACY...REAL ESTATE MANAGEMENT
 2435 KENTUCKY AUCTION ACADEMY...ALL OTHER PROFESSIONAL,
 SCIENTIFIC/TECHNICAL SVCS
 2435 PROGRESSIVE AUCTION GROUP...REAL ESTATE INSPECTION
 2435 PROGRESSIVE AUCTION GROUP...APPRAISERS
 2435 PROGRESSIVE AUCTION GROUP...AUCTIONEERS
 2435 PROGRESSIVE AUCTION GROUP...REAL ESTATE
 2435 PROPERTY PROS TEAM...REAL ESTATE INVESTMENTS
 2435 TONY WHITNEY...NONCLASSIFIED ESTABLISHMENTS
 2700 SOUTHLAND FAMILY CLUB...CIVIL & SOCIAL ORGANIZATIONS
 2700 SOUTHLAND FAMILY CLUB...SWIMMING POOLS-PUBLIC
 2701 FACTORY BUYS DIRECT...ONLINE SERVICES
 2702 CHESTER TURNER...RESIDENTIAL
 2702 DONNA BURCH...RESIDENTIAL
 2702 EMILY REKER...RESIDENTIAL
 2702 ERIC PRIDDY...RESIDENTIAL
 2702 JAMES CHAE...RESIDENTIAL
 2702 JATOYRI EDMUNDS...RESIDENTIAL
 2702 JERRY MONROE...RESIDENTIAL
 2702 JILLIAN HAMPTON...RESIDENTIAL
 2702 JUDY HALL...RESIDENTIAL
 2702 KEITH MARTIN...RESIDENTIAL
 2702 LESLIE HARDY...RESIDENTIAL
 2702 LISA YOUNG...RESIDENTIAL
 2702 LYNN WELLS...RESIDENTIAL
 2702 MELANIE MILLER...RESIDENTIAL
 2702 NANCY GRIMES...RESIDENTIAL
 2702 ROBERT YOUNG...RESIDENTIAL
 2702 ROGER PRIDDY...RESIDENTIAL
 2702 SANDRA DRAKE...RESIDENTIAL
 2702 SANDY JONES...RESIDENTIAL
 2702 VESNA PALKIC...RESIDENTIAL
 2702 WOOD'S EDGE APARTMENTS...APARTMENTS
 2758 RYAN STOVALL...RESIDENTIAL

110 MILLERS BOTTLED GAS...PROpane (LP) GAS

2420 DUY NGUYEN...RESIDENTIAL
 2421 DAYMAR COLLEGE...EDUCATIONAL PROGRAMS
 2421 DAYMAR COLLEGE...TECHNICAL SCHOOLS
 2421 DRAUGHONS JUNIOR COLLEGE...SCHOOLS-UNIVERSITIES & COLLEGES
 ACADEMIC
 2421 DRAUGHONS JUNIOR COLLEGE...SCHOOLS-BUSINESS & VOCATIONAL
 2421 DRAUGHONS JUNIOR COLLEGE...ENVIRONMENTAL PRODUCTS & SUPPL
 (WHLs)
 2421 DRAUGHONS JUNIOR COLLEGE...SCHOOLS MEDICAL &
 DENTAL ASSISTANTS/TECH
 2435 COLDWELL BANKER COML LEGACY...REAL ESTATE MANAGEMENT
 2435 KENTUCKY AUCTION ACADEMY...ALL OTHER PROFESSIONAL,
 SCIENTIFIC/TECHNICAL SVCS
 2435 PROGRESSIVE AUCTION GROUP...REAL ESTATE INSPECTION
 2435 PROGRESSIVE AUCTION GROUP...APPRAISERS
 2435 PROGRESSIVE AUCTION GROUP...AUCTIONEERS
 2435 PROGRESSIVE AUCTION GROUP...REAL ESTATE
 2435 TONY WHITNEY...NONCLASSIFIED ESTABLISHMENTS
 2700 SOUTHLAND FAMILY CLUB...CIVIL & SOCIAL ORGANIZATIONS
 2700 SOUTHLAND FAMILY CLUB...SWIMMING POOLS-PUBLIC
 2701 FACTORY BUYS DIRECT...ONLINE SERVICES
 2702 ANGELA BAKER...RESIDENTIAL
 2702 CHESTER TURNER...RESIDENTIAL
 2702 EMILY REKER...RESIDENTIAL
 2702 ERIC PRIDDY...RESIDENTIAL
 2702 JAMES CHAE...RESIDENTIAL
 2702 JATOYRI EDMUNDS...RESIDENTIAL
 2702 JERRY MONROE...RESIDENTIAL
 2702 JILLIAN HAMPTON...RESIDENTIAL
 2702 JUDY HALL...RESIDENTIAL
 2702 KATIE KNAPP...RESIDENTIAL
 2702 KEITH MARTIN...RESIDENTIAL
 2702 LESLIE HARDY...RESIDENTIAL
 2702 LISA YOUNG...RESIDENTIAL
 2702 LYNN WELLS...RESIDENTIAL
 2702 MELANIE MILLER...RESIDENTIAL
 2702 NANCY GRIMES...RESIDENTIAL
 2702 SANDRA DRAKE...RESIDENTIAL
 2702 SANDY JONES...RESIDENTIAL
 2702 VESNA PALKIC...RESIDENTIAL
 2702 WOOD'S EDGE APARTMENTS...APARTMENTS
 2758 RYAN STOVALL...RESIDENTIAL

110 **MILLERS BOTTLED GAS...**PROPANE (LP) GAS
 110 **MILLERS BOTTLED GAS...**GAS-LIQUIFIED PETRO-BTTLD/BULK (WHLS)

2421 **DRAUGHONS JUNIOR COLLEGE...**SCHOOLS-BUSINESS & VOCATIONAL
 2421 **DRAUGHONS JUNIOR COLLEGE...**SCHOOLS-UNIVERSITIES & COLLEGES
 ACADEMIC
 2435 **COLDWELL BANKER COML LEGACY...**REAL ESTATE MANAGEMENT
 2435 **KENTUCKY AUCTION ACADEMY...**ALL OTHER PROFESSIONAL,
 SCIENTIFIC/TECHNICAL SVCS
 2435 **PROGRESSIVE AUCTION GROUP...**REAL ESTATE
 2435 **PROGRESSIVE AUCTION GROUP...**AUCTIONEERS
 2451 **CITIZENS FIRST BANK INC...**BANKS
 2700 **SOUTHLAND FAMILY CLUB...**CIVIL & SOCIAL ORGANIZATIONS
 2702 **ANGELA BAKER...**RESIDENTIAL
 2702 **CHESTER TURNER...**RESIDENTIAL
 2702 **EMILY REKER...**RESIDENTIAL
 2702 **ERIC PRIDDY...**RESIDENTIAL
 2702 **HAZEL NAFUS...**RESIDENTIAL
 2702 **JERRY MONROE...**RESIDENTIAL
 2702 **JILLIAN HAMPTON...**RESIDENTIAL
 2702 **JUDITH NAFUS...**RESIDENTIAL
 2702 **LAURVELLA SARVER...**RESIDENTIAL
 2702 **LISA YOUNG...**RESIDENTIAL
 2702 **LYNN WELLS...**RESIDENTIAL
 2702 **MELANIE MILLER...**RESIDENTIAL
 2702 **NANCY GRIMES...**RESIDENTIAL
 2702 **ROBERT YOUNG...**RESIDENTIAL
 2702 **ROGER PRIDDY...**RESIDENTIAL
 2702 **SANDRA DRAKE...**RESIDENTIAL
 2702 **TONY PRIDDY...**RESIDENTIAL
 2702 **VESNA PALKIC...**RESIDENTIAL
 2702 **WOOD'S EDGE APARTMENTS...**APARTMENTS
 2730 **REBECCA SEARS...**RESIDENTIAL
 2796 **ANN POTTER...**RESIDENTIAL
 2796 **RONALD POTTER...**RESIDENTIAL

NO LISTING FOUND

2420 DUY NGUYEN...RESIDENTIAL
2420 HIEU NGUYEN...RESIDENTIAL
2421 DAYMAR COLLEGE...SCHOOLS-BUSINESS & VOCATIONAL
2435 COLDWELL BANKER COML LEGACY...REAL ESTATE
2435 PROGRESSIVE AUCTION GROUP...REAL ESTATE
2702 AMANDA BROOKS...RESIDENTIAL
2702 BOBBY CHEN...RESIDENTIAL
2702 CARA RODRIGUEZ...RESIDENTIAL
2702 CHRISTINE SARVAR...RESIDENTIAL
2702 DANIEL MOORE...RESIDENTIAL
2702 JOANN THARPE...RESIDENTIAL
2702 KERRY GLASS...RESIDENTIAL
2702 RICK DUNAWAY...RESIDENTIAL
2702 ROBERT WESTRICK...RESIDENTIAL
2702 ROSE WAKEFIELD...RESIDENTIAL
2702 SABAHUDRN STRUGA...RESIDENTIAL
2702 STEPHEN BROOKS...RESIDENTIAL
2702 TAMMY PRICE...RESIDENTIAL
2702 TIM AYER...RESIDENTIAL
2702 TIMOTHY BROOKS...RESIDENTIAL

NO LISTING FOUND

2404 MARCELLUS ROWE...RESIDENTIAL
 2410 TAMI RIZZO...RESIDENTIAL
 2420 DUYN NGUYEN...RESIDENTIAL
 2420 HIEU NGUYEN...RESIDENTIAL
 2420 KELLY NGUYEN...RESIDENTIAL
 2420 SON NGUYEN...RESIDENTIAL
 2421 DRAUGHONS JUNIOR COLLEGE...COLLEGES & UNIVERSITIES
 2435 COLDWELL BANKER...OFFICES OF REAL ESTATE AGENTS & BROKERS
 2451 CITIZENS FIRST BANK INC...COMMERCIAL BANKING
 2701 DESA LLC SPECIALTY DIV...HEATING EQUIP, EXCEPT WARM AIR FURNACES
 2702 AMANDA BROOKS...RESIDENTIAL
 2702 BETTY KEEFER...RESIDENTIAL
 2702 CAMERON PARK...LESSORS OF RESIDENTIAL BUILDINGS
 2702 CARA RODRIGUEZ...RESIDENTIAL
 2702 CARRIE BROWN...RESIDENTIAL
 2702 CHARMAINE BROWN...RESIDENTIAL
 2702 CHRIS ANDERSON...RESIDENTIAL
 2702 ELEISHA WILLIAMS...RESIDENTIAL
 2702 ERIC WILLMS...RESIDENTIAL
 2702 JESSICA WILLIAMS...RESIDENTIAL
 2702 JOHN WILLIAMS...RESIDENTIAL
 2702 JOSEPH BRATCHER...RESIDENTIAL
 2702 JOSEPH STCLAIRE...RESIDENTIAL
 2702 JUDY NAFUS...RESIDENTIAL
 2702 LATOYIA LOWERY...RESIDENTIAL
 2702 LINDA WILLIAMS...RESIDENTIAL
 2702 LISA YOUNG...RESIDENTIAL
 2702 MARVIN NAFUS...RESIDENTIAL
 2702 MICHELE BROWN...RESIDENTIAL
 2702 NANCY GRIMES...RESIDENTIAL
 2702 OLEAN MORROW...RESIDENTIAL
 2702 RICK DUNAWAY...RESIDENTIAL
 2702 ROBERT YOUNG...RESIDENTIAL
 2702 ROGER PRIDY...RESIDENTIAL
 2702 SAMUEL BROWN...RESIDENTIAL
 2702 STEPHEN BROOKS...RESIDENTIAL
 2702 STEVIE COLLINS...RESIDENTIAL
 2702 TIM AYER...RESIDENTIAL
 2702 TIMOTHY BROOKS...RESIDENTIAL
 2702 WENDELL BROWN...RESIDENTIAL
 2702 WILL MORROW...RESIDENTIAL
 2702 YOLANDA WILLIAMS...RESIDENTIAL

110 MILLERS BOTTLED GAS INC...GAS-LIQUEFIED PETRO-BTTLD/BULK (WHOL)
 110 MILLERS BOTTLED GAS INC...WHL PETROLEUM PDTS
 300 LEO COOK...RESIDENTIAL

115 total records. Part 1 of 2
 2404 MARCELLUS ROWE...RESIDENTIAL
 2410 BEN WALKER...RESIDENTIAL
 2420 SON NGUYEN...RESIDENTIAL
 2421 DRAUGHONS JUNIOR COLLEGE...SCHOOLS-BUSINESS & VOCATIONAL
 2421 DRAUGHONS JUNIOR COLLEGE...PRIV ELEM,SECOND SCHS
 2435 COLDWELL BANKER...REAL ESTATE AGT,MGR
 2701 DESA LLC...MFG HEATING EOP
 2701 DESA LLC...HEATING EQUIPMENT-MANUFACTURERS
 2702 A A MIDDLETON...RESIDENTIAL
 2702 A GREEN...RESIDENTIAL
 2702 A TURNER...RESIDENTIAL
 2702 ADIL VEHABOVIC...RESIDENTIAL
 2702 ADNAN SALIHOVIC...RESIDENTIAL
 2702 ALEX LOPEZ...RESIDENTIAL
 2702 ANGEL GUTIERREZ...RESIDENTIAL
 2702 ANGELO V ALFARO...RESIDENTIAL
 2702 APRIL THOMAS...RESIDENTIAL
 2702 AUSIA SHOBE...RESIDENTIAL
 2702 B COOPER...RESIDENTIAL
 2702 B R STEWART...RESIDENTIAL
 2702 BAHRIJA HALIDOVIC...RESIDENTIAL
 2702 BELINDA L DRIVER...RESIDENTIAL
 2702 BILLY JR GORHAM...RESIDENTIAL
 2702 BRIDGET MILLER...RESIDENTIAL
 2702 C BARTON...RESIDENTIAL
 2702 C HAMPTON...RESIDENTIAL
 2702 C HILL...RESIDENTIAL
 2702 CAMERON PARK APARTMENTS...APARTMENTS
 2702 CAMIL VEHABOVIC...RESIDENTIAL
 2702 CANDIE TROUTT...RESIDENTIAL
 2702 CARLOS BENAVIDEZ...RESIDENTIAL
 2702 CHARLOTTE BARTON...RESIDENTIAL
 2702 D A TONEATTI...RESIDENTIAL
 2702 D WALLS...RESIDENTIAL
 2702 DANIELLE WRIGHT...RESIDENTIAL
 2702 DARLENE GRAY...RESIDENTIAL
 2702 DARLENE R WOODARD...RESIDENTIAL
 2702 DAVID KEM...RESIDENTIAL
 2702 DEREKO MURRAY...RESIDENTIAL
 2702 DIANA RANDOLPH...RESIDENTIAL
 2702 DIANNA YOUNG...RESIDENTIAL
 2702 DJIMI KECO...RESIDENTIAL
 2702 DREW GIBSON...RESIDENTIAL
 2702 DUANE HURT...RESIDENTIAL
 2702 DZEMAIL KARALIC...RESIDENTIAL
 2702 EDDY HERNANDEZ...RESIDENTIAL
 2702 EDUARDO BARCELLOS...RESIDENTIAL
 2702 FATA AHMETOVIC...RESIDENTIAL
 2702 FIDEL ALFARO...RESIDENTIAL
 2702 FRANCISCO GUERRA...RESIDENTIAL
 2702 GARCIA A LOPEZ...RESIDENTIAL
 2702 IZET VARAJIC...RESIDENTIAL
 2702 J TEMPLES...RESIDENTIAL
 2702 JOSE A ZABALA...RESIDENTIAL
 2702 JOSE CRUZ...RESIDENTIAL
 2702 JOSE LOBO...RESIDENTIAL
 2702 JOSE M ALFARO...RESIDENTIAL
 2702 JUANITA SHIELDS...RESIDENTIAL
 2702 KEITH MARTIN...RESIDENTIAL
 2702 KEN E DAVIS...RESIDENTIAL
 2702 KRYSLE OLIVER...RESIDENTIAL
 2702 LACRITIA WILLIAMS...RESIDENTIAL
 2702 LAKISHA WESTBROOKS...RESIDENTIAL
 2702 LARRY POWELL...RESIDENTIAL
 2702 LAURVELLA SARVER...RESIDENTIAL
 2702 LOST RIVER APTS...APARTMENT BLD OPERS
 2702 LOST RIVER APTS...NEW CONST 1-FAM HOUSE
 2702 LUIS RAMIREZ...RESIDENTIAL
 2702 M D BRADLEY...RESIDENTIAL

Part 2 of 2

2702 M POGUE...RESIDENTIAL
 2702 MARIA ANDRADE...RESIDENTIAL
 2702 MARIO AYALA...RESIDENTIAL
 2702 MARY DICE...RESIDENTIAL
 2702 MATT STAMPER...RESIDENTIAL
 2702 MATTHEW SINGELTON...RESIDENTIAL
 2702 MELINDA HARDIN...RESIDENTIAL
 2702 MELVIN ANAYA...RESIDENTIAL
 2702 MICHAEL COWAN...RESIDENTIAL
 2702 MICHAEL DODSON...RESIDENTIAL
 2702 MICHAEL W DAVIS...RESIDENTIAL
 2702 MIGUEL ECHEVERRIA...RESIDENTIAL
 2702 MIRRSAD IBRELJIC...RESIDENTIAL
 2702 MUNIB DUDERIJA...RESIDENTIAL
 2702 MUNIR DZANO...RESIDENTIAL
 2702 MUNIRA HUSIC...RESIDENTIAL
 2702 MURIZ MUJANOWIC...RESIDENTIAL
 2702 NICOLE RHODES...RESIDENTIAL
 2702 NIHAD JAHIC...RESIDENTIAL
 2702 NIKKI CEGIELSKI...RESIDENTIAL
 2702 NURIZ MUJANOVIC...RESIDENTIAL
 2702 PAULA HAILEY...RESIDENTIAL
 2702 R RELEFORD...RESIDENTIAL
 2702 RACHEL HOFFMAN...RESIDENTIAL
 2702 RANA BARNES...RESIDENTIAL
 2702 RANDY RICHARDSON...RESIDENTIAL
 2702 RICARDO HUFFMAN...RESIDENTIAL
 2702 ROBERT & JACKIE LOVELACE...RESIDENTIAL
 2702 RUTH LIGHT...RESIDENTIAL
 2702 SABAHUDRN STRUGA...RESIDENTIAL
 2702 SAMIR SIRBUBALO...RESIDENTIAL
 2702 SHANNON WHITE...RESIDENTIAL
 2702 SHARON J COLE...RESIDENTIAL
 2702 STELLA G JENKINS...RESIDENTIAL
 2702 TAMEKA DAVISON...RESIDENTIAL
 2702 TARA SKIMEHORN...RESIDENTIAL
 2702 TERRY MARTIN...RESIDENTIAL
 2702 THOMAS RATLISS...RESIDENTIAL
 2702 TINA ENGLAND...RESIDENTIAL
 2702 TONYA BOARDS...RESIDENTIAL
 2702 TOYNNA SHANNON...RESIDENTIAL
 2702 VEHADOVIC SAFET...RESIDENTIAL
 2702 VONETTA LONG...RESIDENTIAL
 2702 WENDELL L BROWN...RESIDENTIAL
 2702 WILLIE PEDIGO...RESIDENTIAL
 2702 YVONNE STINNET...RESIDENTIAL

110 CARGO
 110 MILLER'S BOTTLED GAS INC...ENGINES AND TRANSPORTATION EQUIPMENT

2410 DAVID MRS WTTY...RESIDENTIAL
 2420 B J REELS...RESIDENTIAL
 2700 SOUTHLAND FAMILY CLUB
 2701 DESA INTL INC...FIREARMS AND AMMUNITION, EXCEPT SPORTING
 2702 A GREENE...RESIDENTIAL
 2702 B COOPER...RESIDENTIAL
 2702 BENEDICTO VILLANUEVA...RESIDENTIAL
 2702 CHRISTINE FAY...RESIDENTIAL
 2702 CRETHA HIBBITT...RESIDENTIAL
 2702 D A TONEATTI...RESIDENTIAL
 2702 DARRELL DUNN...RESIDENTIAL
 2702 DEXTER BASKIN...RESIDENTIAL
 2702 DIANA WERKMAN...RESIDENTIAL
 2702 DIANNA UHLS...RESIDENTIAL
 2702 EDDIE L WALTON...RESIDENTIAL
 2702 FRED COMPTON...RESIDENTIAL
 2702 JAMES JOINER...RESIDENTIAL
 2702 JANICE WALKER...RESIDENTIAL
 2702 JOHN M JR LILLY...RESIDENTIAL
 2702 JONATHAN & TRACY BALLARD...RESIDENTIAL
 2702 JOSE & BLANCA LLONTOP...RESIDENTIAL
 2702 JOY LING...RESIDENTIAL
 2702 JUDY HINCHCLIFF...RESIDENTIAL
 2702 JUDY YOUNG...RESIDENTIAL
 2702 KEN E DAVIS...RESIDENTIAL
 2702 LATANGO MASSEY...RESIDENTIAL
 2702 LONA SPAULDING...RESIDENTIAL
 2702 LYDIA SIMMONS...RESIDENTIAL
 2702 MARK L SMITH...RESIDENTIAL
 2702 PATSY EDISON...RESIDENTIAL
 2702 RUTH LIGHT...RESIDENTIAL
 2702 S CARSON...RESIDENTIAL
 2702 SHEILA FOX...RESIDENTIAL
 2702 WAYNE SMITH...RESIDENTIAL
 2702 WENDELL L BROWN...RESIDENTIAL
 2702 WOOD'S EDGE APARTMENTS
 2730 ADVANCE BUSINESS EQUIPMENT...INDUSTRIAL SUPPLIES, NEC
 2730 KENTUCKY COPY PRODUCTS...TYPEWRITER AND DICTATION EQUIPMENT
 2730 OFFICE EQUIPMENT MANAGEMENT...TYPEWRITER AND DICTATION
 EQUIPMENT

110 CARGO...AUTOMOTIVE SERVICING EQUIPMENT
 110 CARGO...RESIDENTIAL
 110 MILLER'S BOTTLED GAS INC...ENGINES AND TRANSPORTATION EQUIPMENT

100 total records. Part 1 of 2

2410 DAVID MRS WTTY...RESIDENTIAL
 2420 LOIS MRS GUYN...RESIDENTIAL
 2700 SOUTHLAND FAMILY CLUB
 2701 DESA INTL INC...FIREARMS AND AMMUNITION, EXCEPT SPORTING
 2702 AMY BETH COOPER...RESIDENTIAL
 2702 AMY HENDRIX...RESIDENTIAL
 2702 ANDY & ANN FARIS...RESIDENTIAL
 2702 ANGEL KELLY...RESIDENTIAL
 2702 ANGELIA BARNT...RESIDENTIAL
 2702 ANN MARIE FRIEDLY...RESIDENTIAL
 2702 APRIL ARBACH...RESIDENTIAL
 2702 B COOPER...RESIDENTIAL
 2702 BECKY MILLER...RESIDENTIAL
 2702 BEE TOM MC...RESIDENTIAL
 2702 BRAD CUNNINGHAM...RESIDENTIAL
 2702 BRIAN LACEFIELD...RESIDENTIAL
 2702 BRYAN MILLER...RESIDENTIAL
 2702 C FISS...RESIDENTIAL
 2702 CHAD VEAL...RESIDENTIAL
 2702 DANNIE BRADLEY...RESIDENTIAL
 2702 DARREL W CARTER...RESIDENTIAL
 2702 DAVID CHRISTENSEN...RESIDENTIAL
 2702 DEAUNA ANTHONY...RESIDENTIAL
 2702 DEBBIE FRANCIS...RESIDENTIAL
 2702 DEWAYNE SHORT...RESIDENTIAL
 2702 DEWEY L HINES...RESIDENTIAL
 2702 DONNA R GAY...RESIDENTIAL
 2702 DONNA SLAVEN...RESIDENTIAL
 2702 DWIGHT DECKER...RESIDENTIAL
 2702 ETHAN BROWNING...RESIDENTIAL
 2702 GEORGE CHICHIZOLA...RESIDENTIAL
 2702 GERALDINE ATKINS...RESIDENTIAL
 2702 HEATHER HERRIN...RESIDENTIAL
 2702 HEATHER HOLMAN...RESIDENTIAL
 2702 HUMA AHSAN...RESIDENTIAL
 2702 J DRUY...RESIDENTIAL
 2702 J M MCMAHON...RESIDENTIAL
 2702 JAMIE DEVERE...RESIDENTIAL
 2702 JAMIE E HAWKINS...RESIDENTIAL
 2702 JASON BRACY...RESIDENTIAL
 2702 JEFFREY SIZEMORE...RESIDENTIAL
 2702 JOHN & SHAWN RICHARDSON...RESIDENTIAL
 2702 JOHN FRENCH...RESIDENTIAL
 2702 JOSH HENDRICK...RESIDENTIAL
 2702 JUDY HINCHCLIFF...RESIDENTIAL
 2702 JUDY YOUNG...RESIDENTIAL
 2702 KELLEY HUDSON...RESIDENTIAL
 2702 KELLI JO BAKER...RESIDENTIAL
 2702 KEVIN VANOVER...RESIDENTIAL
 2702 KIMBERLY ROBINSON...RESIDENTIAL
 2702 L & A PHELPS...RESIDENTIAL
 2702 L SALLEY...RESIDENTIAL
 2702 LAURA KIMBLER...RESIDENTIAL
 2702 LAVELLE HARDIN...RESIDENTIAL
 2702 LEE BARBER...RESIDENTIAL
 2702 LEIGH ANN KEETON...RESIDENTIAL
 2702 LISA POTTER...RESIDENTIAL
 2702 LLOYD H WILLIFORD...RESIDENTIAL
 2702 LYDIA SIMMONS...RESIDENTIAL
 2702 MANDY PICKETT...RESIDENTIAL
 2702 MARGIE CHAPMAN...RESIDENTIAL
 2702 MARTY TRAYLOR...RESIDENTIAL
 2702 MELANIE SAMUELS...RESIDENTIAL
 2702 MELINDA DAY...RESIDENTIAL
 2702 MELISSA CRAFT...RESIDENTIAL
 2702 MELYSSA MCLAUGHLIN...RESIDENTIAL
 2702 MICHAEL ROWE...RESIDENTIAL
 2702 MICHELLE D GREGORY...RESIDENTIAL
 2702 MINDY FARMER...RESIDENTIAL

Part 2 of 2

2702 MIRNA CASAS...RESIDENTIAL
 2702 NATHAN SMITH...RESIDENTIAL
 2702 NEAL HARKLEROAD...RESIDENTIAL
 2702 NELSON MEDINA...RESIDENTIAL
 2702 PAUL S COOK...RESIDENTIAL
 2702 RAY STEVEN DRAKE...RESIDENTIAL
 2702 RICHARD READ...RESIDENTIAL
 2702 ROB BRAY...RESIDENTIAL
 2702 ROBIN LILE...RESIDENTIAL
 2702 RUFUS WAGNER...RESIDENTIAL
 2702 RUSSEL MALONE...RESIDENTIAL
 2702 S CARSON...RESIDENTIAL
 2702 S L FAZIO...RESIDENTIAL
 2702 SCOTT & BEVERLY ANDERSON...RESIDENTIAL
 2702 SCOTT SHADDIX...RESIDENTIAL
 2702 SEAN JONES...RESIDENTIAL
 2702 SHANNON HICKS...RESIDENTIAL
 2702 STACEY LYNN MASSEY...RESIDENTIAL
 2702 STACEY NEIGHBORS...RESIDENTIAL
 2702 STACY CHRISTIAN...RESIDENTIAL
 2702 STEVE CARTER...RESIDENTIAL
 2702 STEVEN WHITMORE...RESIDENTIAL
 2702 SUSIE DEAN...RESIDENTIAL
 2702 SUZIE MASSEY...RESIDENTIAL
 2702 TIMMY & BRENDA STURGEON...RESIDENTIAL
 2702 TODD JENKINS...RESIDENTIAL
 2702 TONY L SUDDATH...RESIDENTIAL
 2702 WAYNE UNDERWOOD...RESIDENTIAL
 2702 WILLIAM R JR PEVELER...RESIDENTIAL
 2730 ADVANCE BUSINESS EQUIPMENT
 2730 OFFICE EQUIPMENT MANAGEMENT

110 CARGO...AUTOMOTIVE SERVICING EQUIPMENT
 110 CARGO...RESIDENTIAL
 110 MILLER'S BOTTLED GAS INC

99 total records. Part 1 of 2
 2410 DAVID MRS WITTY...RESIDENTIAL
 2420 LOIS MRS GUYN...RESIDENTIAL
 2701 DESA INTERNATIONAL INC
 2702 AMY BETH COOPER...RESIDENTIAL
 2702 AMY HENDRIX...RESIDENTIAL
 2702 ANDY & ANN FARIS...RESIDENTIAL
 2702 ANGEL KELLY...RESIDENTIAL
 2702 ANGELJA BARNT...RESIDENTIAL
 2702 ANN MARIE FRIEDLY...RESIDENTIAL
 2702 APRIL ARBACH...RESIDENTIAL
 2702 B COOPER...RESIDENTIAL
 2702 BECKY MILLER...RESIDENTIAL
 2702 BRAD CUNNINGHAM...RESIDENTIAL
 2702 BRIAN LACEFIELD...RESIDENTIAL
 2702 BRYAN MILLER...RESIDENTIAL
 2702 C FISS...RESIDENTIAL
 2702 CHAD VEAL...RESIDENTIAL
 2702 DANNIE BRADLEY...RESIDENTIAL
 2702 DARREL W CARTER...RESIDENTIAL
 2702 DAVID CHRISTENSEN...RESIDENTIAL
 2702 DEAUNA ANTHONY...RESIDENTIAL
 2702 DEBBIE FRANCIS...RESIDENTIAL
 2702 DEWAYNE SHORT...RESIDENTIAL
 2702 DEWEY L HINES...RESIDENTIAL
 2702 DONNA R GAY...RESIDENTIAL
 2702 DONNA SLAVEN...RESIDENTIAL
 2702 DWIGHT DECKER...RESIDENTIAL
 2702 ETHAN BROWNING...RESIDENTIAL
 2702 GEORGE CHICHIZOLA...RESIDENTIAL
 2702 GERALDINE ATKINS...RESIDENTIAL
 2702 HEATHER HERRIN...RESIDENTIAL
 2702 HEATHER HOLMAN...RESIDENTIAL
 2702 HUMA AHSAN...RESIDENTIAL
 2702 J DRUY...RESIDENTIAL
 2702 J M MCMAHON...RESIDENTIAL
 2702 JAMIE DEVERE...RESIDENTIAL
 2702 JAMIE E HAWKINS...RESIDENTIAL
 2702 JASON BRACY...RESIDENTIAL
 2702 JEFFREY SIZEMORE...RESIDENTIAL
 2702 JOHN & SHAWN RICHARDSON...RESIDENTIAL
 2702 JOHN FRENCH...RESIDENTIAL
 2702 JOSH HENDRICK...RESIDENTIAL
 2702 JUDY HINCHCLIFF...RESIDENTIAL
 2702 JUDY YOUNG...RESIDENTIAL
 2702 KELLEY HUDSON...RESIDENTIAL
 2702 KELLI JO BAKER...RESIDENTIAL
 2702 KEVIN VANOVER...RESIDENTIAL
 2702 KIMBERLY ROBINSON...RESIDENTIAL
 2702 L & A PHELPS...RESIDENTIAL
 2702 L SALLEY...RESIDENTIAL
 2702 LAURA KIMBLER...RESIDENTIAL
 2702 LAVELLE HARDIN...RESIDENTIAL
 2702 LEE BARBER...RESIDENTIAL
 2702 LEIGH ANN KEETON...RESIDENTIAL
 2702 LISA POTTER...RESIDENTIAL
 2702 LLOYD H WILLIFORD...RESIDENTIAL
 2702 LYDIA SIMMONS...RESIDENTIAL
 2702 MANDY PICKETT...RESIDENTIAL
 2702 MARGIE CHAPMAN...RESIDENTIAL
 2702 MARTY TRAYLOR...RESIDENTIAL
 2702 MELANIE SAMUELS...RESIDENTIAL
 2702 MELINDA DAY...RESIDENTIAL
 2702 MELISSA CRAFT...RESIDENTIAL
 2702 MELYSSA MCLAUGHLIN...RESIDENTIAL
 2702 MICHAEL ROWE...RESIDENTIAL
 2702 MICHELLE D GREGORY...RESIDENTIAL
 2702 MINDY FARMER...RESIDENTIAL
 2702 MIRNA CASAS...RESIDENTIAL
 2702 NATHAN SMITH...RESIDENTIAL

Part 2 of 2

- 2702 NEAL HARKLEROAD...RESIDENTIAL
- 2702 NELSON MEDINA...RESIDENTIAL
- 2702 PAUL S COOK...RESIDENTIAL
- 2702 RAY STEVEN DRAKE...RESIDENTIAL
- 2702 RICHARD READ...RESIDENTIAL
- 2702 ROB BRAY...RESIDENTIAL
- 2702 ROBIN LILE...RESIDENTIAL
- 2702 RUFUS WAGNER...RESIDENTIAL
- 2702 RUSSEL MALONE...RESIDENTIAL
- 2702 S CARSON...RESIDENTIAL
- 2702 S L FAZIO...RESIDENTIAL
- 2702 SCOTT & BEVERLY ANDERSON...RESIDENTIAL
- 2702 SCOTT SHADDIX...RESIDENTIAL
- 2702 SEAN JONES...RESIDENTIAL
- 2702 SHANNON HICKS...RESIDENTIAL
- 2702 STACEY LYNN MASSEY...RESIDENTIAL
- 2702 STACEY NEIGHBORS...RESIDENTIAL
- 2702 STACY CHRISTIAN...RESIDENTIAL
- 2702 STEVE CARTER...RESIDENTIAL
- 2702 STEVEN WHITMORE...RESIDENTIAL
- 2702 SUSIE DEAN...RESIDENTIAL
- 2702 SUZIE MASSEY...RESIDENTIAL
- 2702 TIMMY & BRENDA STURGEON...RESIDENTIAL
- 2702 TODD JENKINS...RESIDENTIAL
- 2702 TOM MC BEE...RESIDENTIAL
- 2702 TONY L SUDDATH...RESIDENTIAL
- 2702 WAYNE UNDERWOOD...RESIDENTIAL
- 2702 WILLIAM R JR PEVELER...RESIDENTIAL
- 2702 WOOD'S EDGE APARTMENTS
- 2730 DOTSON ELECTRIC CO...ELECTRIC POWER SYSTEMS CONTRACTORS

CAMPBELL LN (BOWLING GREEN)-FROM
2445 NASHVILLE RD NORTHWEST
 • ZIP CODE 42101 CAR-RT C014
 110 CARGO auto home sppl str..... 782-2958
 MILLER'S BOTTLED GAS lqtd petro gas
 dtrs 842-9427

287 N Not Verified
 + **INDUSTRIAL DR INTERSECTS**
 + **RAILROAD CROSSES**
 + **RUSSELLVILLE RD INTERSECTS**
 • ZIP CODE 42104 CAR-RT C001
 780 CHILDRENS HOUSE MONTESSORI
 child day care svcs..... 842-3652
 807 CUMBERLAND PRESBYTERIAN
 CHURCH religious orgs..... 781-3295
 811 Not Verified
 + **THOROUGHBRED DR BEGINS**
 1010 Blackburn John D & Donna Dr

STREET NOT LISTED

ZIP CODE 42101

25

CAMPBELL LA -FROM 2409
RUSSELLVILLE RD EAST

ZIP CODE 42101

110 Miller's Bottled Gas Inc 842-9427
INDUSTRIAL DR INTERSECTS
NASHVILLE RD INTERSECTS

1

26

807 Cumberland Presbyterian Church
781-3295
811 Smith D Cordell Rev
THOROUGHBRED DR BEGINS
1010 Blackburn John P @ 842-0892

25

INDUSTRIAL DR -FROM 305 EMMETT DR SOUTH

ZIP CODE 42101

CAMPBELL LANE INTERSECTS
NUMBERED IRREGULAR

2410 Witty Ann Mrs © 843-8804

2420 Guyn Lewis D © 843-5612

2700 City Fire Dept (Industrial Drive Sub
Sta) 842-40972701 D E S A International Incorporated htg
apparatus 781-9600

INDUSTRIAL DR-Contd

2702 Mail Apartments 842-2620
101a No Return (Apts 101a-102a)
201a No Return
202a Vacant
104a★Payne Timothy
105a★Hossen Jeffery 782-9257
106a Gore Ronald K 782-8309
107a★Hinkle Linda
108a★Desimone Ann 842-0277
205a★Means Susan 781-0665
206a Vacant
207a★Webb Tommy 781-1834
208a Young Robt 782-2628
109b★Houck Chuck 678-6540
110b Naufus Marvin 781-9345
111b Stabler Carolyn L 843-3796
112b Thompson Juanita Mrs 842-5495
209b★Willis Glenda 843-8561
210b Le Sieur Donald B 842-8511
211b★Hartlage Dan 782-8542
212b★Motley Joe
113b★Dunville Dennis
114b Vacant
115b★Vinnick Mike 842-0868
116b★Odum Jane B
213b★Stone Pat L 729-4467
214b Morris Tamara L 781-0275
215b Vacant
216b★Casana Alfonso
120c Vacant
218c Vacant
219c★Law Sandra B 842-4067
220c★Garber Cath
123c Patterson David
124c Vacant
222c Fein Angie J 842-4062
223c★Allen Wm Jr 879-8234
125d★Free Allen 843-1428
126d Vacant
127d Buhl Cathy L 843-2104
128d Vacant
226d Vacant (Apts 226d-227d)
228d★Siddens Sandra 678-5461
129d★Quisenberry Neil 782-9620
130d Vacant (Apts 130d-132d)
229d Thomas Marcus K 842-3229
230d★Allen Claudine 842-2620
231d★Rossi Tracy
232d★Puckett Bryan 684-0504
133e★Mc Intyre Stephanie
134e★Logue Teresa
135e Vacant
136e★Smith Terri S 843-1387
233e Vacant
234e★Estes Kaye L 843-0115
235e Vacant
138e★Petett Max 842-8120
139e★Bruce Steve 842-4533
140e★Crow Carol E
237e★Williams Delores 782-1017

25-A

238e Vacant
239e★Patterson Ronal S
240e★Brenner Susan
141f Vacant
142f Carson Sue V 782-9704
143f Vacant
144f★Hurt Kevin
241f Vacant (Apts 241f-243f)
244f★Murphy Hugh 781-2291
145f Vacant
147f Stickels Cathy L 781-2921
148f★Wood Gwen
245f Vacant (Apts 245f-248f)
149g★Brigance Mary K
150g Vacant
151g★Bliss Geo 781-0834
249g Vacant
153g★Martin Wendell
154g Vacant (Apts 154g-156g)
155g★Hockersmith Chas
253g★Vacant
158h Waldron Janet 781-3051
159h★Frazer Sara
160h★Arnold Barbara
257h Vacant (Apts 257h-258h)
259h★Kirk Aline 842-1641
260h★Russell Debbie
161h Vacant
261h★Schreiber Kevin
262h★Mc Kay Robt
2730 Vacant

25

2901 Eaton Corporation (Industrial Power
Control Div) elec control apparatus
782-1555
2950 Bowling Green Rubber & Gasket Co
842-6105
3000 Southern Welding Supply Co Inc
842-9486
3060 Dynalectric Co contr 842-4208
3100 Howard Baer Trucking trucking co
3170 Key Oil Co-Texaco 781-2590
DISHMAN LA INTERSECTS
3302 Central Plumbing & Heating Co Inc
842-6559
3333 Bowling Green Truss Inc bldg materials
782-1970
3352 Performing Arts Center 781-5063
4301 Plastipak Packaging 782-9809
2730 Southern Kentucky Bldrs Exchange
782-3624

12

IRONWOOD DR -FROM 1520 FAIRVIEW AV 1 EAST OF SHERWOOD DR

ZIP CODE 42101
601 Clayton Eva 842-5754
WILLOW LA ENDS
619 Weaver Bill T © 842-6833
620 Hines James G © 843-8978
625 Ransdell Neal F © 842-3391

25

CAMPBELL LA —FROM 2409 RUSSELLVILLE RD EAST

ZIP CODE 42101

110 Miller's Bottled Gas Inc 842-9427

INDUSTRIAL DR INTERSECTS
NASHVILLE RD INTERSECTS

807 Cumberland Presbyterian Church
781-3295

811 Knight James Rev 781-6984
THOROUGHbred DR BEGINS

26

INDIANOLA ST—Contd

- 1★Ross Phillip
- 2 Vacant
- 3 Brown Robt 782-3409
- 4 Vacant
- 5 Vacant
- 6 Vacant
- 7 Shehane Patricia
- 1302 Paschal Albert Jr ©
- 1306 Bratcher Mary Mrs
Craig Eddie 782-1623
- 1307 Koenig Don 782-3608
- 1309 Kirby Reba E Mrs © 842-7579
- 1314 Meador Novice M © 843-8167
- 1318 English Ray R © 843-8297
- 1319 Flora James B © 842-9504
- 1322 Harman Wm © 843-3021
- 1325★Calvert Todd 781-2414
- 1330 Mc Cormick Ruth B © 842-4306
- 1331 Yeager Gladys Mrs © 842-7444
- 1334 Stricklin Imogene B Mrs © 843-8839
- 1337 Wilson Nina M Mrs © 843-9585
- 1340 Wilcox Wm 781-4638
- 1343★Grayson Alice M 842-5109
- 1346★Stone Ronnie L © 842-8307
- 1347 Hoffman James © 842-2781
- 1348 Miller Pearl 781-3046
- 1351 Loafman Lydia Mrs © 843-8037
- 1352 Walthall Darrell E © 842-2084
- 1354 Travis Vanus V © 843-4596
- 1357 Kinney Helen Mrs 842-1829
- 1360 Jordon Kevin 782-9033
- 1363 O'Brien Patk 843-3171
- 1367 Learning Tree The 781-1887
First Free Methodist Church (Sunday
School)
- 1371 First Free Methodist Church 781-1887
- 1372 Ingram Mark 782-8229
- 1372½ Wilma & Nita Beauty Salon 843-6128
E 14TH INTERSECTS
- 1400 Basham Tempie © 842-0484
- 1401★Simpson Larry 782-0866
- 1403★Wallace John
- 1404 Richards Beatrice Mrs © 843-9489
- 1409★Hednall Dorothy 842-2789
- 1411 Willoughby O © 842-0875
- 1415 Minor J T 842-4974
- 1424 Renick Cliff © 781-9081
- 1425 La Mastus Roscoe H © 842-5814
- 1426★Nethery James
- 1428 Logan Muriel Mrs © 781-1882
- 1435 Vacant
- 1437 Gordon Sheila R Mrs © 781-7036
- 1438 Williams Pete 781-3112
★Smith Madge 782-0384
- 1450 Vacant
- 1454 Adcox Lola Mrs © 843-3627
E 15TH INTERSECTS

- 2702 Mall Apartments 843-1428
- 101a★Duvall Doug 782-3222
- 102a★Dicken Billy 782-0031
- 103a★Powell Teresa
- 104a★Kirby Ron 782-3662
- 201a★Murphy James 781-6293
- 202a★Hancock Robt E
- 203a Vacant
- 204a★Cullon Oliver 781-7703
- 204a★Cullon Wanda Mrs
- 105a★Booth Bill W 842-8011
- 106a★Franse Marilyn 842-9328
- 107a★Bowlin John 843-1428
- 108a Vacant
- 205a★Merredith Wayne
- 208a★Young Robt
- 109b★Fisher Barbara 782-2747
- 111b★Rutledge Rebecca 781-1803
- 112b★Thompson S Mrs 842-5495
- 209b★Davenport Brenda
- 210b★Le Sauer James
- 113b★Bowlin Kenneth
- 114b★Tuttle Diane
- 115b★Brumfield J
- 116b★Odom Jane
- 213b★New Kim
- 214b Vacant
- 215b Vance Phill 781-4149
- 216b★South Rhonda
- 216b★Arnold Joyce
- 216b★Herman Terri
- 117c Vacant
- 118c Vacant
- 119c★Childs Julie
- 120c★Sterchi Don 842-2115
- 217c★Guess Steve 782-8795
- 218c Vacant
- 219c★Cooper John J
- 220c★Vaughn Gregory
- 121c★Selems Margt 781-3826
- 122c Fredricks Linda S
- 123c Mansfield Ernest
- 124c Reeves Robin
- 221c Markham James 781-4791
- 222c Vacant
- 223c Hardin Larry
- 224c Allen Pam 782-3520
- 125d Roberts Debbie
- 126d Driver Carl F
- 127d Brewer Debbie
- 128d White Garfella Mrs 781-3988
- 225d Smith Robt 781-7840
- 226d Lowe Rondal
- 227d Alborno Estetian 782-2403
- 228d Orteale Amelia
- 129d Vacant
- 130d Dossett Angie 782-1578
- 131d Hayes Terry
- 132d Storm Mark 782-3299
- 229p Davis Erick
- 230d Clark Robt 782-8879
- 231d Knight Greg
- 232d Spiller Geo
- 133e Dodge Allen
- 134c Jones Raymond 782-7828
- 135e Vacant
- 136e Schwartz T
- 233e Waldron Janet
- 234e Alexander Chris 781-0222
- 235e Vacant
- 236e Dant Richd 842-0001

25

INDUSTRIAL DR —FROM 305 EMMETT DR SOUTH

- ZIP CODE 42101
- CAMPBELL LANE INTERSECTS
- NUMBERED IRREGULAR
- 2420 Guyn Lewis D © 842-8642
- 2700 City Fire Dept (Industrial Drive Sub
Sta) 842-4097
- 2701 Amca-Consumer Products Division
781-9600

INDUSTRIAL DR—Contd

137e Bollin John C 781-7954
 138e Bollinger Joe 782-1598
 139e James Denver R
 140e Clendenn Kay 843-3774
 237e Thurman Marc 842-2675
 238e Routt Victor 781-7437
 239e Wheeler Joey 842-4575
 240e Embry Elaine
 141f Grayhurst Scott
 142f Lewis Ken 842-8900
 143f Nonweider Ken 781-2511
 144f Vacant
 241f Westbrook Barry 782-0769
 242f Barnwell Alisa 782-8681
 242f Whittacker Teresa
 243f Paxton Susan
 244f Vacant
 145f Mays Charlotte
 146f Nall Tony
 147f Wallace Richd K
 148f Martin Johnny 781-0088
 245f Mc Cartney Lela 842-6841
 246f Allis Martha 782-7085
 247f Costa Cesar
 248f El Maghrabi Lord 781-4576
 149g Taylor Eric
 150g Wright Mike
 151g Bowlin Iwanda
 152g Wells Larry 782-9025
 249g Allen Brenda
 250g Whittle James L
 251g Barnes Rick 782-9128
 252g Boesseau Kay 782-0925
 153g White Barry 842-0490
 154g★Buckley Bob 782-0545
 155g Evans Kermit 782-1720
 156g Simmons David 781-8738
 255g Gray Sally Lou 843-9676
 253g Harrison Carla
 254g Bideau Brent 782-2330
 256g Ford Ronald
 157h Kirby Anthony 781-6449
 158h Tonemy Lee
 158h Barbee Roger
 159h Willis Jeff
 160h★Schooley Skip 781-7967
 257h★Cole Bill
 258h★Logan Rebecca
 259h★Toms Hal 782-7593
 260h★Bush Steve
 161h★Reeder Steve
 162h★Brenner Thos
 163h★Donahue Debra 842-2152
 164h★Baker Lisa 781-2380
 261h★Alemparle Jorge 782-9980
 262h★Lessman Lou 781-4844
 263h★Hendricks Patty
 264h Vacant
 2901 Eaton Corporation (Standard Power
 Control Div) elec control apparatus
 782-1555

25

CAMPBELL LA —FROM 2409
 RUSSELLVILLE RD EAST

ZIP CODE 42101

110 Miller's Bottled Gas Inc 842-9427
 INDUSTRIAL DR INTERSECTS
 NASHVILLE RD INTERSECTS

26

807 Cumberland Presbyterian Church
 781-3295
 THOROUGHbred DR BEGINS
 842-419K

- 11 1360 Vacant
1363 Vacant
1367 First Free Methodist Church (Sunday School)
1371 First Free Methodist Church 781-1887
1372*Takayama Kanzi 781-4936
*Strawn Larry 781-4936
7 1372½ Wilma & Nita Beauty Salon 843-6128
E 14TH INTERSECTS
1400 Student Housing
1404 Richards Beatrice Mrs @ 843-9489
1409*Humphreys Randy
1411 Comer Tana M 781-7454
1415 Vacant
1424 Renick Cliff @
1425 La Mastus Roscoe H @ 842-6814
1426 Coleman Carol 842-8094
1428 Logan Muriel Mrs @ 781-1882
1435 Whittle Betty J Mrs 842-7593
1437*Gordon Sheila R Mrs @ 781-7036
1438 Oates Tony R 843-7553
1450 Peanut House The play school
1454 Adcox Lola Mrs @ 843-3627
E 15TH INTERSECTS

INDUSTRIAL DR —FROM 306 EMMETT DR SOUTH

- ZIP CODE 42101
CAMPBELL LANE INTERSECTS
2420*Guyn Lewis D @ 842-8642
2700 City Fire Dept (Industrial Drive Sub Sta) 842-4097
2701 Atomaster Div Of Koehring heater mfrs 781-9600
2702 Mall Apartments 842-6907
101a*Ross Christine 781-5171
102a Bastin Jane 781-8803
103a Martin Betty M Mrs 781-1296
104a Hulsey Deana D
105a Bates James 781-5335
106a Vacant
107a Mc Knight Christine Mrs 842-6907
108a Vacant
109b*Thompson Eliz 842-7091
110b*Nafus Marvin 781-9346
111b Carter Mary
112b*Monroe David C 781-8812
113b*Latham Jan K
114b Vacant
115b*Goodwin Dale 781-0461
118c Bough Gaylen 842-8018
201a*Bryant Darlene
202a Hancock Robt E 781-3402
203a Vacant
204a*Slayton Thos 782-1757
205a*Hepp Jan 781-2235
206a Conway Sheila M 843-1901
207a Shannon David W 781-3588
208a*Scott Barbara 781-0761
209b*Burton Thos
210b Le Sieur Donald B 842-8511
211b*Feingold Alan 843-4706
212b*Albright Claude 781-5390
213b Crouch R L
214b*Baughn Dennis 842-8018
215b*Barnes Douglas
216b Owens Gary 781-9569
117c*Fairehild Margie 781-7692
119c*Barrett Judy A 781-7341

INDUSTRIAL DR—Contd

- 120c Vacant
121c*Henley Richd 782-1151
122c*Willard Louise Mrs 843-8121
123c Vacant
124c*Taber Guin 781-7683
217c*Stull Edw 842-1888
218c Burgess Marvin
219c*Crabtree Matthew
220c*Rutherford Sam J Jr 781-4465
221c Vacant
222c Vacant
223c*Britt Martha
224c*Maya Loretta 843-4972
2601 Apartments
125d*Amonett Phyllis B Mrs 842-8921
126d Driver Carl F 781-4633
127d*Talbot Robt
128d White Robt Mrs
129d Vacant
130d*Doyal Larry 781-0169
131d*Goetzinger Herbert
132d*Vernon D H
133e*Miles Penny
134*Brown Geo
135*Miller Mary K 781-0326
136c*Miller J D
137e*Bowles Mary Susan
138c*Thomas Chas
139e*Vaughn Harold R 843-1722
140e*Pisdale James
141f*Magünger Sheila 781-3383
142f*Owen Craig
143f*Collins Jeff 782-1501
144f*Hood Jeffery A 781-6198
145f Hughes Sheril
146f Lawrence James L 842-7041
147f*Pulehis Mac
148f Mc Kay Tyrone
149g Elscorn Mary L 782-1451
150g*Eakridge John 781-6646
151g*Van Haderbeke David 781-7746
152g*Harris Terry W 781-9453
153g*Ely Albert
154g*Hudson Becky
155g Zimmer Thos E 842-7754
156g Vacant
157h Best Gary L 842-8306
158h No Return
159h*Jolly Gary L 781-0354
160h*Ferriell J E
161h*Inman C T 780-1776
162h*Bowlin John
163h*Brewer Larry D 781-6391
164h Dennis Ollie 781-4553
225d*Smith Robt
226d*Landreth Helen
227d*Norris Randall
228d*Wilson Murell 781-4519
229d*Jones Bill 782-1879
230d Clark Robt
231d Cecil Thos 781-9778
232d*Allen Kim
233e*Rhea Betay L 781-3523
234e*Bowles Sharon 781-0642
235f*Dean Danny
236e Brown Geo
237e Graff Wm 781-9464
238e*Phillips Richd 842-8552
239e*Farmer Mary
240e*Smith Michl 781-8029

- 241f*Kirby Debathor Ann
242f*Smith Bruce 781-9919
243f*Miles Edw
244f*Wright Mary K 781-0648
245f*Byrley Bill J 781-5304
246f*Bell Anthony 781-5040
247f*Mc Guire Ed 842-4989
248f*Self Jessie
249g*Bryant Helen
250g*Padgett Tom
251g Schellenberger Carl
252g*Hankins Mark 781-3960
253g Walden Pat 781-0247
254g*Creek J A
255g*Royse Henry 781-6732
256g*Collins Don
257h*Carter Dale 781-5729
258h*Ostendorf Gregory 842-8990
259h*Thomas Cindy 781-7369
260h*Coots Gary 781-7151
261h*Spacht Roger 781-8219
262h*Thurston Eliz
263h*Umbarger Shelley Jean 781-9785
264h Dennis Geo 781-4553
2901 Cutler-Hammer Inc elec control apparatus 782-1555

CABELL DR—Contd

- MC ELROY AV INTERSECTS
 1300 Jones Mattie Mrs ©
 843-9608
 1301 Mc Cown Dorothy B Mrs ©
 842-1801
 1302 Jones Shirley O Mrs ©
 781-2541
 1303 White J Ray © 843-4201
 1304 Vacant
 1305 Woodall Wm H © 842-5116
 Sears Kenneth
 1307 Allen Bernice Mrs ©
 1308 Miller Bruce L © 842-0943
 1309 Shoultz Otis M © 843-1353
 1310 Roberson C Earl 842-5594
 1311 Smith Louie G © 843-8964
 ROSELAWN INTERSECTS

**CAMPBELL LA E —FROM
 NASHVILLE RD EAST**

ZIP CODE 42101
 110 Miller's Bottled Gas 842-9427

**CANTON DR —FROM
 LOUDEN DR EAST AND
 WEST**

- ZIP CODE 42101
 1704 * Downard Daniel 781-5382
 1705 * Osborne Anliza Mrs
 843-6195
 1708 * Wozniak Paul
 1711 * Duncan Duane Mrs
 1715 * Clarke Ray Mrs 842-1909
 * Williams Morris 781-4996

**CAMBRIDGE DR —FROM
 DORCHESTER DR EAST**

- ZIP CODE 42101
 WINFIELD INTERSECTS
 1570 * Cooper E Wayne ©
 781-5217
 1576 Faulkner James © 781-2376
 1580 Hockenbury Murrel Jr ©
 781-4175
 1584 * Veach J Michl © 781-1798
 1588 No Return

**CAMPBELL LA —FROM 3025
 SMALLHOUSE RD WEST TO
 NASHVILLE RD**

- ZIP CODE 42101
 807 Cumberland Presbyterian
 Church
 1010 Blackburn John P ©
 843-4125
 1011 Parker Gene E ©

**CARDINAL DR —FROM
 COLLETT LA EAST TO
 DEAD END 1 SOUTH OF
 RICHLAND DR**

- ZIP CODE 42101
 1305 Hicks John L © 842-7602
 1306 Poindexter Howard E ©
 842-7194
 1310 Hollingsworth Joe N ©
 842-0075
 1309 Boston Geo B Hon ©
 842-1524
 1313 * Gillespie Nelson O ©
 842-0641
 1314 Painter Frank M © 842-2641
 1317 Mc Lellan Robt C ©
 842-7694
 1318 Harmon B F © 781-2215
 1321 Covington Herbert H ©
 842-3575
 1322 Sauer Theo M © 842-0717
 1325 Magruder Joseph A ©
 842-7182
 1326 Phelps Hubert M ©
 842-5806

**Breon Helen
 Bunch Norman
 E 14TH INTERSECTS**

- 1400 * Hudson Wm A © 842-1117
 1401 H & H Market 843-9184
 1401½ Vacant
 1404 Richards Beatrice Mrs ©
 843-9489
 1409 Cassetty Bertie M Mrs ©
 843-6955
 1411 Winkenhofer Robt 842-8063
 1415 * Moses Earl D Rev 842-8984
 1424 * Schulman Steve A 781-2472
 1425 La Mastus Roscoe ©
 1426 * May Alva
 1428 Logan Muriel Mrs ©
 781-1882
 1435 Whittle Betty J Mrs
 842-7593
 1437 * Fridy Charles 842-1852
 1438 * Turner John 781-3692
 1450 * Harris Martha Mrs
 1454 Adcox Lola Mrs © 843-3627
 E 15TH INTERSECTS

**INDUSTRIAL DR —FROM 305
 EMMETT DR SOUTH**

- ZIP CODE 42101
 2410 * Page Leonard B 842-6208
 2420 Guyn Lewis D © 842-8642
 CAMPBELL LA INTERSECTS
 2701 Bowling Green Division
 Master Consolidated Inc
 heater mfrs 842-4261
 2702 Mall Apartments 842-6907
 101a * Galloway Joseph W
 781-3952
 102a * Cherry Wm Jr 842-5218
 103a Martin Betty M Mrs
 781-1296
 104a * Lacefield Richd S
 781-5539
 105a * Bean Jerry A 843-8546
 106a Higdon Wm D 843-3665
 A Mc Knight Christine Mrs
 842-6907
 108a * Patterson Kenneth W
 843-1203
 109b Smith E K 781-3982
 110b Vacant
 111b * Walls Wm 842-6917
 112b * Levkoff James D
 843-1613
 113b * Collins Earl 843-3716

INDUSTRIAL DR—Contd

- 114b Vacant
 115b * Burnette John C
 842-1451
 116b Haverstick Richd
 118c Vacant
 201a * Catlett Regina A
 781-3477
 202a * Hancock Robt
 781-3402
 203a Vacant
 204a Keller Patricia A
 781-2968
 205a * Conkling Helen
 781-3909
 206a * Conway Sheila M
 843-1901
 207a Shannon David W
 781-3588
 208a * Mills Michl 843-1203
 209b * Toops Amelia S
 842-7091
 210b Le Sieur Donald B
 842-8511
 211b * Ivan Ruth Mrs
 842-8443
 212b * Anderson John T
 842-5325
 213b * Cossey Charles D
 842-2262
 214b Du Bose Richd A Jr
 215b * Jones Gary
 216b Stevenson Dulcie L
 781-2259
 117c * Davenport Michl T
 781-1327
 119c Crowe David D 781-4829
 120c * Coleman Tyler S
 781-5466
 121c * Haskins Lou
 122c Vacant
 123c * Baker Ralph E
 781-4540
 124c * Mecomber L C 843-8403
 217c * Tabb James
 218c * Lewis Thos R 843-1585
 219c * Bunch Royce 842-4982
 220c Vacant
 221c * Buttermore Robt T
 222c * Hagemeyer Duncan
 223c * Hall James A Jr
 224c * Adams Stewart
 2801 Under Constn
 2801 Cutler-Hammer Inc elec
 control apparatus 842-6511

6

CAMPBELL LA -FROM 3025
SMALLHOUSE RD WEST TO
NASHVILLE RD

---ZIP CODE 42101
1322 VANHOOK CURTIS •
842-9123

99

INDIANOLA ST--CONTD

1360 VACANT
1363 BOUCHER MITCHELL C
WASHING MACH SERV
842-2250
1367 JOHNSTON WELDON J
REV 842-6723
1371 FREE METHODIST
CHURCH
1372 FISHER ROBT
1372½ VACANT
---E 14TH INTERSECTS
1400 KITE CLYDE REV
1401 M & H MARKET GRO
843-3854
REAR ELMORE KENNETH R
1404 RICHARDS BEATRICE
MRS • 843-9489
1409 CASSETTY BIRDIE MRS
• 843-6955
1411 LYON RUFUS D •
843-6528
1415 BEVORS RONALD
842-0085
1424 JOHNSON VIRGINIA MRS
• 842-4523
1425 LA MASTUS ROSCOE H •
1426 VACANT
1428 BELK LUCY C MRS •
843-9719
1435 BILL CHARLES
1437 LOYAN MURIEL G MRS
1438 ANDERSON EVESTA MRS
1450 HARRIS CLAY 843-8409
1454 ADCOX JAMES D •
843-3627
---E 15TH INTERSECTS

5

INDUSTRIAL DR -FROM 305
EMMETT DR SOUTH

---ZIP CODE 42101
2410 EDEN CONTRACTORS
EXCAVATING 842-7167
EDEN ROY • 842-7167
2420 GOYN L D •
2701 BOWLING GREEN
DIVISION MASTER
CONSOLIDATED INC
HEATER MFRS
842-4261
2702 MALL APARTMENTS
842-6907
HERALD MICHL L
843-3857
101A HART EARL R
842-8429
103A BEALL C DUDLEY
842-8694

106A STRANGE NORMAN
842-3328
108A DILLINGHAM W H
842-8990
109B ELDRIDGE HOWARD
842-5430
112B SCRUGGS JACK
842-6907
116B DURSTON JAS M
842-6844
BRIGGS ELMER H
842-8317
204A REARDON MIKE
842-3527
205A NEWTON CHARLES W
842-3253
207A YEAGER RANDOLPH
D 842-1820
208A MC CARTHY EDW
843-6329
209B LYNN ROBT
213B SHANK LOWELL W
842-9068
214B BARNING JOE G
842-3427
215B OWEN JAMES D
842-8806
216B HALL SAM H
842-7041
220B STILL JACK D
842-6424
117C KEDOWN MICHL
843-4540
118C BOGGS VERLIN
842-3497
119C HINTON JOYCE F
MRS 842-6218
BEELER HUGH S
842-4681
121C LE SIEUR DONALD
B 842-8511
122C HAYES CHAS T
842-1251
123C BEAZLEY SAM W
124C POTTER PATRICIA
M 843-4232
218C CABLE JOHN N
219C ARMSTRONG MIKE
842-0382
220C MORRIS ROY J
842-1238
222C ISSA AHMAD D
843-8126
3060 GRIFFIN ELECTRIC CO
INC CONTR 842-4208
12
IRONWOOD DR -FROM
CEMETERY RD SOUTH, 1
EAST OF SHERWOOD DR
---ZIP CODE 42101

1964

CAMPBELL LA

SOURCE: CARONS

2111 Smith Louis G 810-0504

CAMPBELL LANE — From
3025 Smallhouse rd west to
Nashville rd
Massey Fred J 842-0413

1964

INDUSTRIAL DR

SOURCE: CARONS

STREET NOT LISTED

1959

CAMPBELL LA

SOURCE: CARONS

STREET NOT LISTED

1959

INDUSTRIAL DR

SOURCE: CARONS

STREET NOT LISTED

1954

CAMPBELL LA

SOURCE: CARONS

STREET NOT LISTED

1954

INDUSTRIAL DR

SOURCE: CARONS

STREET NOT LISTED

1949

CAMPBELL LA

SOURCE: CARONS

STREET NOT LISTED

1949

INDUSTRIAL DR

SOURCE: CARONS

STREET NOT LISTED

1947

CAMPBELL LA

SOURCE: CARONS

STREET NOT LISTED

1947

INDUSTRIAL DR

SOURCE: CARONS

STREET NOT LISTED

1941

CAMPBELL LA

SOURCE: CARONS

STREET NOT LISTED

1941

INDUSTRIAL DR

SOURCE: CARONS

STREET NOT LISTED

1934

CAMPBELL LA

SOURCE: CARONS

STREET NOT LISTED

1934

INDUSTRIAL DR

SOURCE: CARONS

STREET NOT LISTED

1927

CAMPBELL LA

SOURCE: BALDWINS

STREET NOT LISTED

1927

INDUSTRIAL DR

SOURCE: BALDWINS

STREET NOT LISTED



—
FIRE
INSURANCE
MAPS

Project Property: AU Associates Campbell Lane Phase I
110 Campbell Lane
Bowling Green KY 42101

Project No: 001395-0007.00

Requested By: ALL4 LLC

Order No: 24071700644

Date Completed: July 18, 2024

Please note that no information was found for your site or adjacent properties.



Property Information

Order Number:	24071700644p
Date Completed:	July 18, 2024
Project Number:	001395-0007.00
Project Property:	AU Associates Campbell Lane Phase I 110 Campbell Lane Bowling Green KY 42101
Coordinates:	
Latitude:	36.96680456
Longitude:	-86.47582844
UTM Northing:	4091318.25155 Meters
UTM Easting:	546659.173067 Meters
UTM Zone:	UTM Zone 16S
Elevation:	539.93 ft
Slope Direction:	E

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Geologic Information.....	9
Soil Information.....	11
Wells and Additional Sources.....	20
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Detail Report.....	23
Radon Information.....	32
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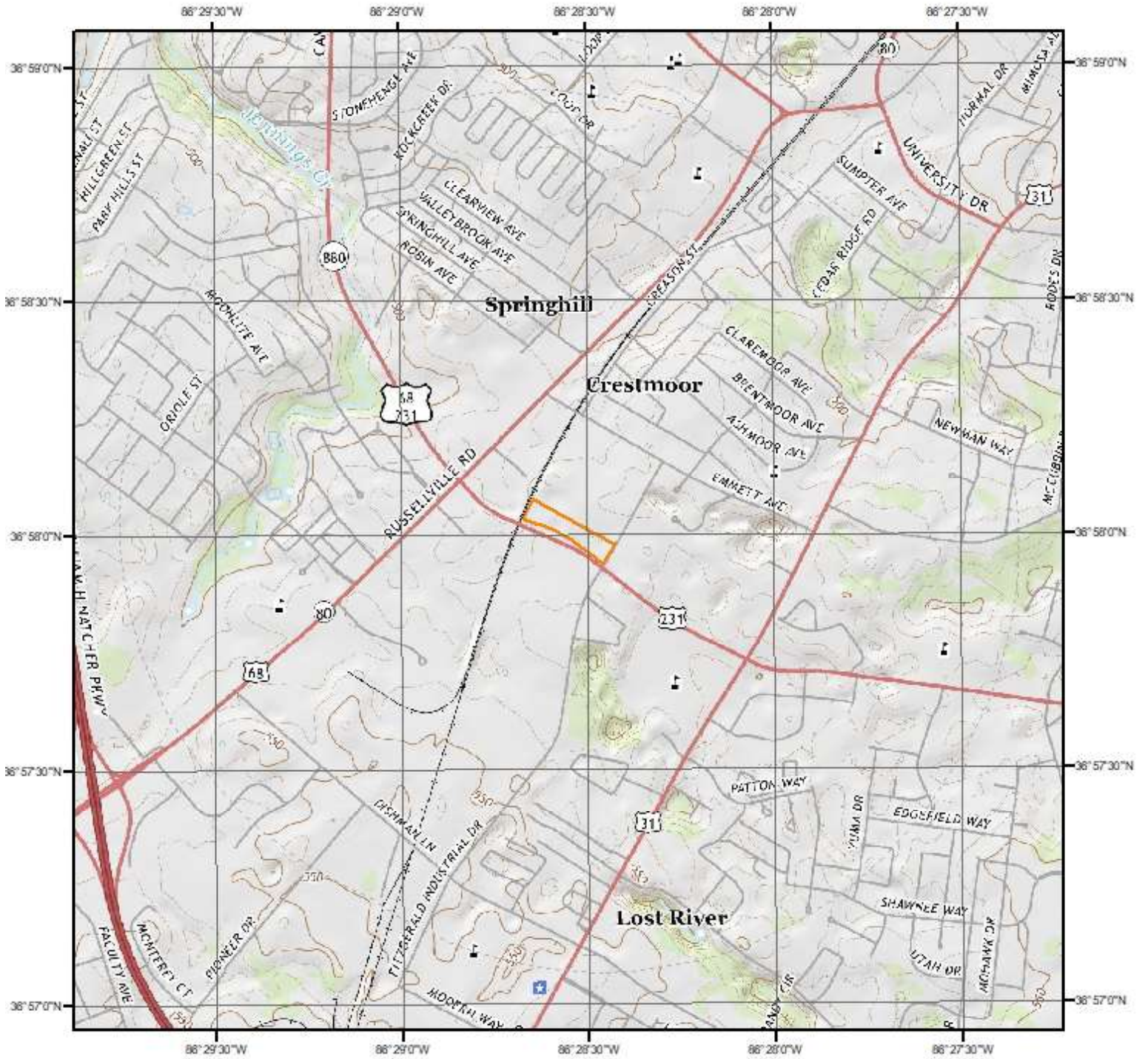
The ERIS **Physical Setting Report - PSR** provides comprehensive information about the physical setting around a site and includes a complete overview of topography and surface topology, in addition to hydrologic, geologic and soil characteristics. The location and detailed attributes of oil and gas wells, water wells, public water systems and radon are also included for review.

The compilation of both physical characteristics of a site and additional attribute data is useful in assessing the impact of migration of contaminants and subsequent impact on soils and groundwater.

Disclaimer

This Report does not provide a full environmental evaluation for the site or adjacent properties. Please see the terms and disclaimer at the end of the Report for greater detail.

Topographic Information



Current USGS Topo (2019)

Quadrangle(s): Bowling Green South, KY

Source: USGS 7.5 Minute Topographic Map

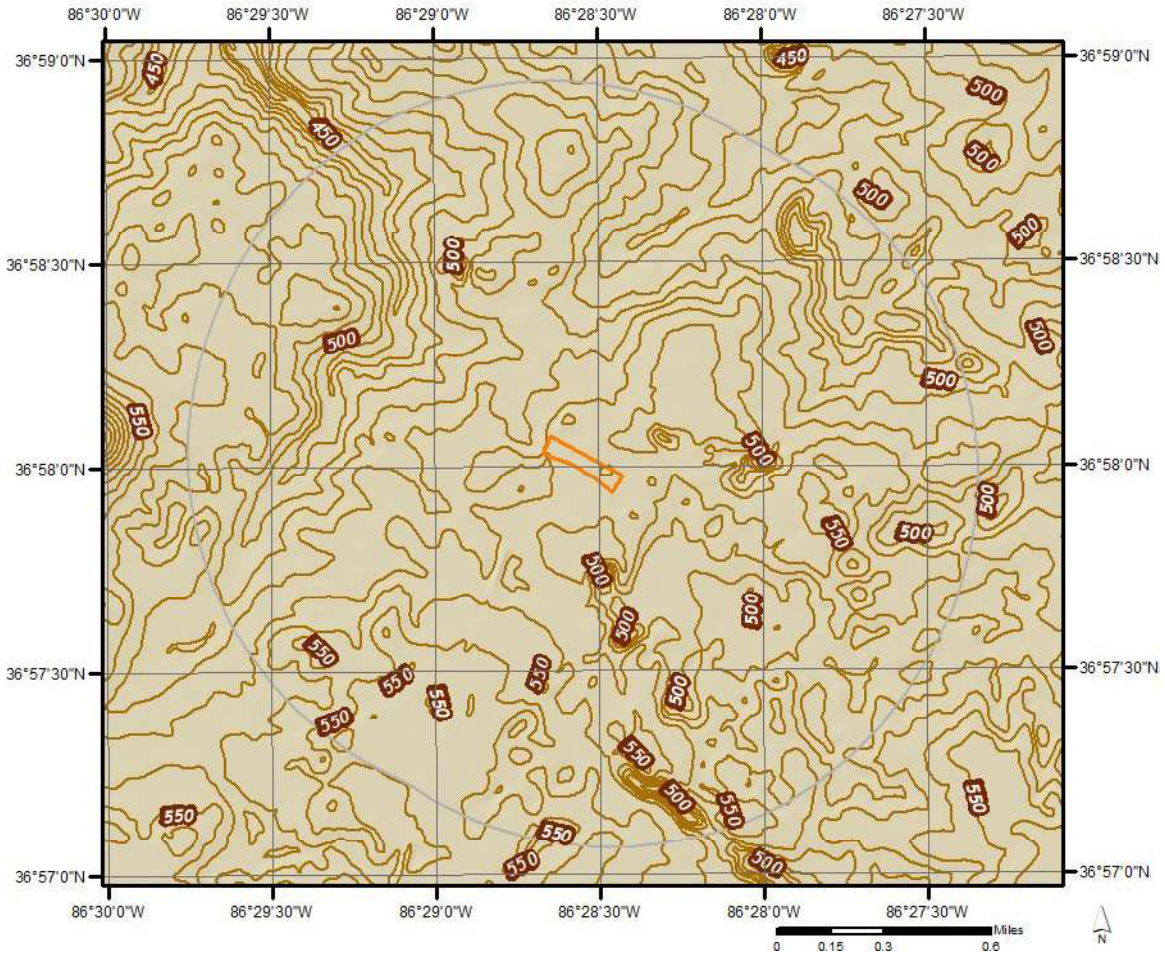


Topographic Information

The previous topographic map(s) are created by seamlessly merging and cutting current USGS topographic data. Below are shaded relief map(s), derived from USGS elevation data to show surrounding topography in further detail.

Topographic information at project property:

Elevation: 539.93 ft
Slope Direction: E

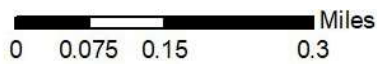


Hydrologic Information



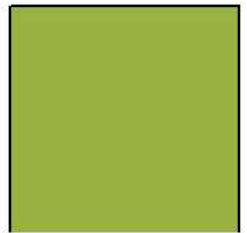
Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

Wetland

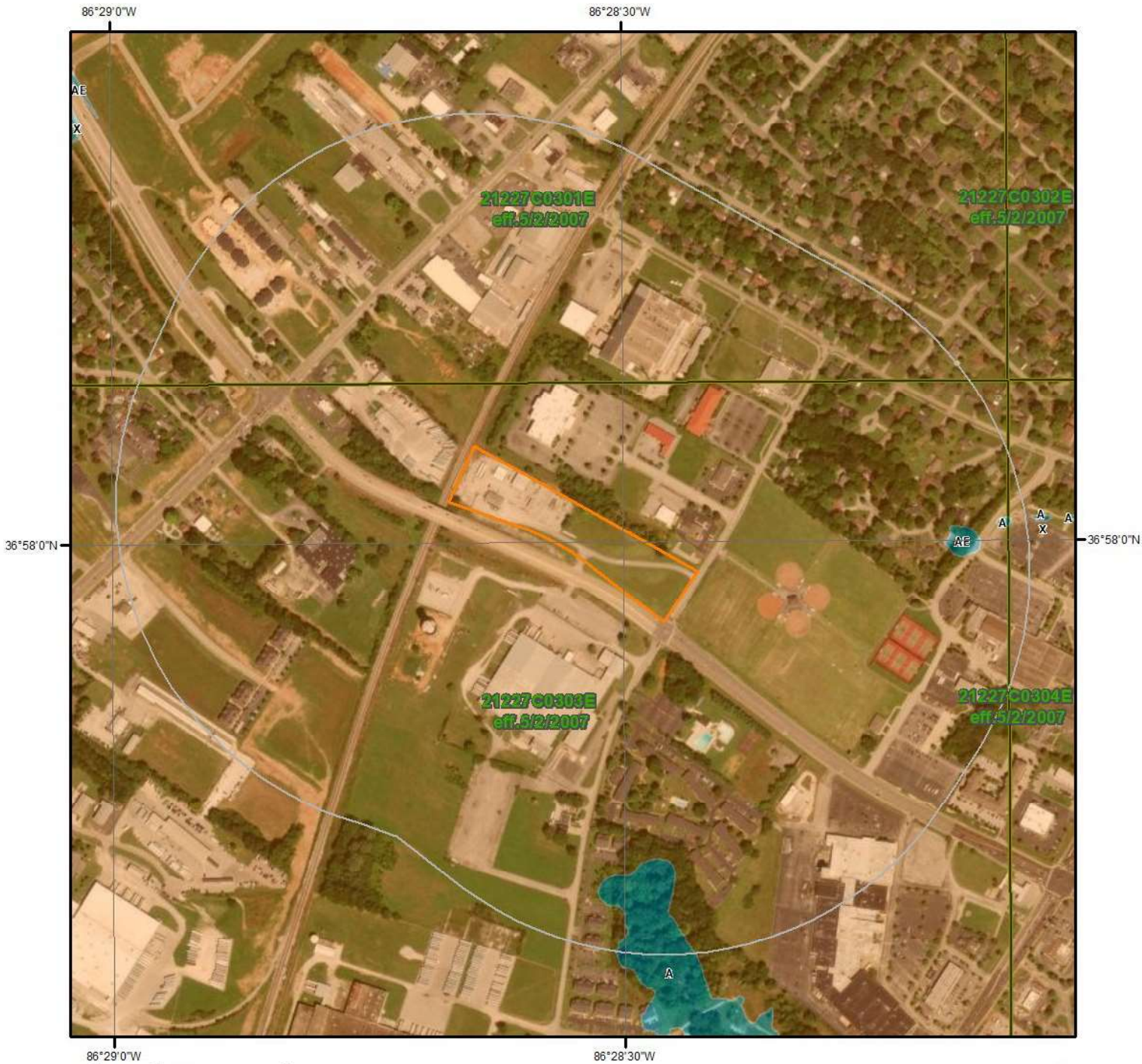


This map shows wetland existence using data from US Fish & Wildlife. Data coverage is shown to the right. Gray indicates no data available in the area.

- | | |
|---|---|
|  Estuarine and Marine Deepwater |  Freshwater Pond |
|  Estuarine and Marine Wetland |  Lake |
|  Freshwater Emergent Wetland |  Other |
|  Freshwater Forested/Shrub Wetland |  Riverine |












Hydrologic Information

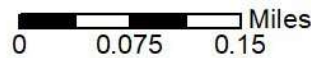


Flood Hazard Zones

This map shows FEMA flood hazard zones based on FEMA's National Flood Hazard Layer. FIRM Panels are overlaid. An absent FIRM panel represents no data available.

-  1% Annual Chance Flood Hazard
-  Regulatory Floodway
-  Special Floodway
-  Area of Undetermined Flood Hazard

-  0.2% Annual Chance Flood Hazard
-  Future Conditions 1% Annual Chance Flood Hazard
-  Area with Reduced Risk Due to Levee
-  Area with Risk Due to Levee
-  Open Water



Quadrangle(s): Bowling Green South, KY



Hydrologic Information

The Wetland Type map shows wetland existence overlaid on an aerial imagery. The Flood Hazard Zones map shows FEMA flood hazard zones overlaid on an aerial imagery. Relevant FIRM panels and detailed zone information is provided below. For detailed Zone descriptions please click the link: <https://floodadvocate.com/fema-zone-definitions>

Available FIRM Panels in area: 21227C0304E(effective:2007-05-02) 21227C0301E(effective:2007-05-02)
21227C0303E(effective:2007-05-02)

Flood Zone A-01

Zone: A
Zone subtype:

Flood Zone AE-01

Zone: AE
Zone subtype:

Flood Zone X-12

Zone: X
Zone subtype: AREA OF MINIMAL FLOOD HAZARD

Hydrologic Information

FEMA Flood Zone Definitions

Special Flood Hazard Areas – High Risk

Special Flood Hazard Areas represent the area subject to inundation by 1-percent-annual chance flood. Structures located within the SFHA have a 26-percent chance of flooding during the life of a standard 30-year mortgage. Federal floodplain management regulations and mandatory flood insurance purchase requirements apply in these zones.

ZONE	DESCRIPTION
A	Areas subject to inundation by the 1-percent-annual-chance flood event. Because detailed hydraulic analyses have not been performed, no Base Flood Elevations (BFEs) or flood depths are shown.
AE, A1-A30	Areas subject to inundation by the 1-percent-annual-chance flood event determined by detailed methods. BFEs are shown within these zones. (Zone AE is used on new and revised maps in place of Zones A1–A30.)
AH	Areas subject to inundation by 1-percent-annual-chance shallow flooding (usually areas of ponding) where average depths are 1–3 feet. BFEs derived from detailed hydraulic analyses are shown in this zone.
AO	Areas subject to inundation by 1-percent-annual-chance shallow flooding (usually sheet flow on sloping terrain) where average depths are 1–3 feet. Average flood depths derived from detailed hydraulic analyses are shown within this zone.
AR	Areas that result from the decertification of a previously accredited flood protection system that is determined to be in the process of being restored to provide base flood protection.
A99	Areas subject to inundation by the 1-percent-annual-chance flood event, but which will ultimately be protected upon completion of an under-construction Federal flood protection system. These are areas of special flood hazard where enough progress has been made on the construction of a protection system, such as dikes, dams, and levees, to consider it complete for insurance rating purposes. Zone A99 may be used only when the flood protection system has reached specified statutory progress toward completion. No BFEs or flood depths are shown.

Coastal High Hazard Areas – High Risk

Coastal High Hazard Areas (CHHA) represent the area subject to inundation by 1-percent-annual chance flood, extending from offshore to the inland limit of a primary front al dune along an open coast and any other area subject to high velocity wave action from storms or seismic sources. Structures located within the CHHA have a 26-percent chance of flooding during the life of a standard 30-year mortgage. Federal floodplain management regulations and mandatory purchase requirements apply in these zones.

ZONE	DESCRIPTION
V	Areas along coasts subject to inundation by the 1-percent-annual-chance flood event with additional hazards associated with storm-induced waves. Because detailed coastal analyses have not been performed, no BFEs or flood depths are shown.
VE, V1-V30	Areas along coasts subject to inundation by the 1-percent-annual-chance flood event with additional hazards due to storm-induced velocity wave action. BFEs derived from detailed hydraulic coastal analyses are shown within these zones. (Zone VE is used on new and revised maps in place of Zones V1–V30.)

Hydrologic Information

Moderate and Minimal Risk Areas

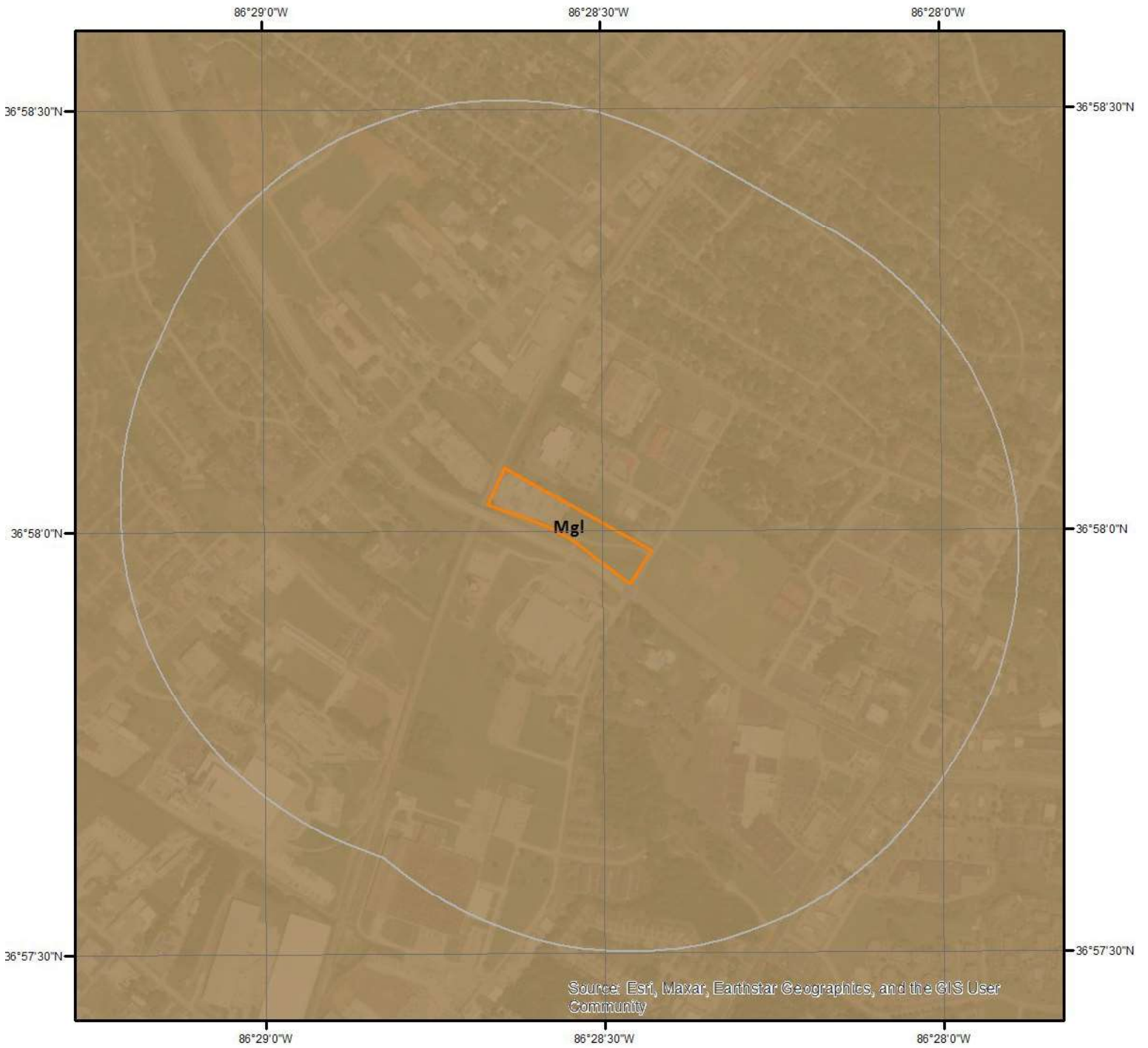
Areas of moderate or minimal hazard are studied based upon the principal source of flood in the area. However, buildings in these zones could be flooded by severe, concentrated rainfall coupled with inadequate local drainage systems. Local stormwater drainage systems are not normally considered in a community's flood insurance study. The failure of a local drainage system can create areas of high flood risk within these zones. Flood insurance is available in participating communities, but is not required by regulation in these zones. Nearly 25-percent of all flood claims filed are for structures located within these zones.

ZONE	DESCRIPTION
B, X (shaded)	Moderate risk areas within the 0.2-percent-annual-chance floodplain, areas of 1-percent-annual-chance flooding where average depths are less than 1 foot, areas of 1-percent-annual-chance flooding where the contributing drainage area is less than 1 square mile, and areas protected from the 1-percent-annual-chance flood by a levee. No BFEs or base flood depths are shown within these zones. (Zone X (shaded) is used on new and revised maps in place of Zone B.)
C, X (unshaded)	Minimal risk areas outside the 1-percent and .2-percent-annual-chance floodplains. No BFEs or base flood depths are shown within these zones. (Zone X (unshaded) is used on new and revised maps in place of Zone C.)

Undetermined Risk Areas

ZONE	DESCRIPTION
D	Unstudied areas where flood hazards are undetermined, but flooding is possible. No mandatory flood insurance purchase requirements apply, but coverage is available in participating communities.

Geologic Information



Geologic Units

This maps shows geologic units in the area. Please refer to the report for detailed descriptions.



Geologic Information

The previous page shows USGS geology information. Detailed information about each unit is provided below.

Geologic Unit Mgl

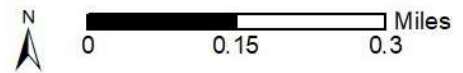
Unit Name:	Ste. Genevieve and St. Louis Limestones, undivided
Unit Age:	Mississippian
Primary Rock Type:	Limestone
Secondary Rock Type:	
Unit Description:	Ste. Genevieve and St. Louis Limestones, undivided; includes Salem Limestone west of Christian County

Soil Information



SSURGO Soils

This maps shows SSURGO soil units around the target property. Please refer to the report for detailed soil descriptions.



Soil Information

The previous page shows a soil map using SSURGO data from USDA Natural Resources Conservation Service. Detailed information about each unit is provided below.

Map Unit CuB (6.68%)

Map Unit Name:	Crider-Urban land complex, 2 to 6 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.

Major components are printed below

Crider(55%)	
horizon H1(0cm to 23cm)	Silt loam
horizon H2(23cm to 71cm)	Silty clay loam
horizon H3(71cm to 127cm)	Silty clay loam
horizon H4(127cm to 203cm)	Clay

Component Description:

Minor map unit components are excluded from this report.

Map Unit: CuB - Crider-Urban land complex, 2 to 6 percent slopes

Component: Crider (55%)

The Crider component makes up 55 percent of the map unit. Slopes are 2 to 6 percent. This component is on ridges on karst uplands. The parent material consists of thin fine-silty noncalcareous loess over clayey residuum weathered from cherty limestone. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. This soil does not meet hydric criteria.

Component: Urban land (35%)

Generated brief soil descriptions are created for major soil components. The Urban land is a miscellaneous area.

Component: Nicholson (2%)

Generated brief soil descriptions are created for major components. The Nicholson soil is a minor component.

Component: Newark (2%)

Generated brief soil descriptions are created for major components. The Newark soil is a minor component.

Component: Udorthents (2%)

Generated brief soil descriptions are created for major components. The Udorthents soil is a minor component.

Component: Nolin (1%)

Generated brief soil descriptions are created for major components. The Nolin soil is a minor component.

Component: Caneyville (1%)

Generated brief soil descriptions are created for major components. The Caneyville soil is a minor component.

Component: Fredonia (1%)

Generated brief soil descriptions are created for major components. The Fredonia soil is a minor component.

Component: Vertrees (1%)

Generated brief soil descriptions are created for major components. The Vertrees soil is a minor component.

Map Unit FnB (14.87%)

Soil Information

Map Unit Name:	Fredonia-Vertrees-Urban land complex, 2 to 6 percent slopes, rocky
Bedrock Depth - Min:	94cm
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.

Major components are printed below

Fredonia(37%)

horizon H1(0cm to 13cm)	Silt loam
horizon H2(13cm to 56cm)	Silty clay
horizon H3(56cm to 94cm)	Clay
horizon R(94cm to 119cm)	Bedrock

Vertrees(30%)

horizon H1(0cm to 15cm)	Silt loam
horizon H2(15cm to 38cm)	Silty clay loam
horizon H3(38cm to 203cm)	Silty clay

Component Description:

Minor map unit components are excluded from this report.

Map Unit: FnB - Fredonia-Vertrees-Urban land complex, 2 to 6 percent slopes, rocky

Component: Fredonia (37%)

The Fredonia component makes up 37 percent of the map unit. Slopes are 2 to 6 percent. This component is on ridges on karst uplands. The parent material consists of clayey residuum weathered from limestone. Depth to a root restrictive layer, bedrock, lithic, is 20 to 40 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. This soil does not meet hydric criteria.

Component: Vertrees (30%)

The Vertrees component makes up 30 percent of the map unit. Slopes are 2 to 6 percent. This component is on ridges on karst uplands. The parent material consists of clayey residuum weathered from limestone, sandstone, and shale. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 2 percent. This soil does not meet hydric criteria.

Component: Urban land (25%)

Generated brief soil descriptions are created for major soil components. The Urban land is a miscellaneous area.

Component: Crider (3%)

Generated brief soil descriptions are created for major components. The Crider soil is a minor component.

Component: Nicholson (2%)

Generated brief soil descriptions are created for major components. The Nicholson soil is a minor component.

Component: Pembroke (2%)

Generated brief soil descriptions are created for major components. The Pembroke soil is a minor component.

Component: Rock outcrop (1%)

Generated brief soil descriptions are created for major components. The Rock outcrop soil is a minor component.

Map Unit FnC (1.63%)

Map Unit Name:	Fredonia-Vertrees-Urban land complex, 6 to 12 percent slopes, very rocky
Bedrock Depth - Min:	94cm
Watertable Depth - Annual Min:	null

Soil Information

Drainage Class - Dominant: Well drained
Hydrologic Group - Dominant: C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.

Major components are printed below

Fredonia(37%)

horizon H1(0cm to 13cm)	Silt loam
horizon H2(13cm to 56cm)	Silty clay
horizon H3(56cm to 94cm)	Clay
horizon R(94cm to 119cm)	Bedrock

Vertrees(27%)

horizon H1(0cm to 15cm)	Silt loam
horizon H2(15cm to 38cm)	Silty clay loam
horizon H3(38cm to 203cm)	Silty clay

Component Description:

Minor map unit components are excluded from this report.

Map Unit: FnC - Fredonia-Vertrees-Urban land complex, 6 to 12 percent slopes, very rocky

Component: Fredonia (37%)

The Fredonia component makes up 37 percent of the map unit. Slopes are 6 to 12 percent. This component is on ridges on karst uplands. The parent material consists of clayey residuum weathered from limestone. Depth to a root restrictive layer, bedrock, lithic, is 20 to 40 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. This soil does not meet hydric criteria.

Component: Vertrees (27%)

The Vertrees component makes up 27 percent of the map unit. Slopes are 6 to 12 percent. This component is on ridges on karst uplands. The parent material consists of clayey residuum weathered from limestone, sandstone, and shale. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 2 percent. This soil does not meet hydric criteria.

Component: Urban land (25%)

Generated brief soil descriptions are created for major soil components. The Urban land is a miscellaneous area.

Component: Rock outcrop (8%)

Generated brief soil descriptions are created for major components. The Rock outcrop soil is a minor component.

Component: Baxter (2%)

Generated brief soil descriptions are created for major components. The Baxter soil is a minor component.

Component: Crider (1%)

Generated brief soil descriptions are created for major components. The Crider soil is a minor component.

Map Unit FnC2 (4.18%)

Map Unit Name:	Fredonia-Vertrees-Urban land complex, 6 to 12 percent slopes, eroded, rocky
Bedrock Depth - Min:	94cm
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.

Major components are printed below

Fredonia(37%)

horizon H1(0cm to 8cm)	Silt loam
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Soil Information

horizon H2(8cm to 56cm)	Silty clay
horizon H3(56cm to 94cm)	Clay
horizon R(94cm to 119cm)	Bedrock
Vertrees(30%)	
horizon H1(0cm to 8cm)	Silt loam
horizon H2(8cm to 38cm)	Silty clay
horizon H3(38cm to 203cm)	Clay

Component Description:

Minor map unit components are excluded from this report.

Map Unit: FnC2 - Fredonia-Vertrees-Urban land complex, 6 to 12 percent slopes, eroded, rocky

Component: Fredonia (37%)

The Fredonia component makes up 37 percent of the map unit. Slopes are 6 to 12 percent. This component is on ridges on karst uplands. The parent material consists of clayey residuum weathered from limestone. Depth to a root restrictive layer, bedrock, lithic, is 20 to 40 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. This soil does not meet hydric criteria.

Component: Vertrees (30%)

The Vertrees component makes up 30 percent of the map unit. Slopes are 6 to 12 percent. This component is on ridges on karst uplands. The parent material consists of clayey residuum weathered from limestone, sandstone, and shale. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. This soil does not meet hydric criteria.

Component: Urban land (25%)

Generated brief soil descriptions are created for major soil components. The Urban land is a miscellaneous area.

Component: Baxter (4%)

Generated brief soil descriptions are created for major components. The Baxter soil is a minor component.

Component: Crider (3%)

Generated brief soil descriptions are created for major components. The Crider soil is a minor component.

Component: Rock outcrop (1%)

Generated brief soil descriptions are created for major components. The Rock outcrop soil is a minor component.

Map Unit No (0.61%)

Map Unit Name:	Nolin silt loam, frequently flooded
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.

Major components are printed below

Nolin(90%)	
horizon H1(0cm to 23cm)	Silt loam
horizon H2(23cm to 165cm)	Silt loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: No - Nolin silt loam, frequently flooded

Soil Information

Component: Nolin (90%)

The Nolin, frequently flooded component makes up 90 percent of the map unit. Slopes are 0 to 2 percent. This component is on flood plains on river valleys. The parent material consists of mixed fine-silty alluvium. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is very high. Shrink-swell potential is low. This soil is frequently flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 2w. This soil does not meet hydric criteria.

Component: Lindside (4%)

Generated brief soil descriptions are created for major components. The Lindside soil is a minor component.

Component: Newark (4%)

Generated brief soil descriptions are created for major components. The Newark soil is a minor component.

Component: Elk (1%)

Generated brief soil descriptions are created for major components. The Elk soil is a minor component.

Component: Grigsby (1%)

Generated brief soil descriptions are created for major components. The Grigsby soil is a minor component.

Map Unit Np (0.06%)

Map Unit Name:	Nolin silt loam, ponded
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.

Major components are printed below

Nolin(90%)	
horizon H1(0cm to 23cm)	Silt loam
horizon H2(23cm to 165cm)	Silt loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: Np - Nolin silt loam, ponded

Component: Nolin (90%)

The Nolin, ponded component makes up 90 percent of the map unit. Slopes are 0 to 2 percent. This component is on basin in closed depressions on karst uplands. The parent material consists of mixed fine-silty alluvium. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is very high. Shrink-swell potential is low. This soil is not flooded. It is frequently ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 3w. This soil does not meet hydric criteria.

Component: Lindside (5%)

Generated brief soil descriptions are created for major components. The Lindside soil is a minor component.

Component: Newark (5%)

Generated brief soil descriptions are created for major components. The Newark soil is a minor component.

Map Unit UaC (0.68%)

Map Unit Name:	Udorthents, 0 to 20 percent slopes
No more attributes available for this map unit	

Component Description:

Soil Information

Minor map unit components are excluded from this report.

Map Unit: UaC - Udorthents, 0 to 20 percent slopes

Component: Udorthents (95%)

The Udorthents component makes up 95 percent of the map unit. Slopes are 0 to 20 percent. Depth to a root restrictive layer is greater than 60 inches. Available water to a depth of 60 inches (or restricted depth) is very low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. This soil does not meet hydric criteria.

Component: Crider (3%)

Generated brief soil descriptions are created for major components. The Crider soil is a minor component.

Component: Pembroke (1%)

Generated brief soil descriptions are created for major components. The Pembroke soil is a minor component.

Component: Vertrees (1%)

Generated brief soil descriptions are created for major components. The Vertrees soil is a minor component.

Map Unit UaD (0.07%)

Map Unit Name: Udorthents, refuse substratum, 0 to 25 percent slopes

No more attributes available for this map unit

Component Description:

Minor map unit components are excluded from this report.

Map Unit: UaD - Udorthents, refuse substratum, 0 to 25 percent slopes

Component: Udorthents (95%)

The Udorthents, refuse substratum component makes up 95 percent of the map unit. Slopes are 0 to 25 percent. This component is on dumps. Depth to a root restrictive layer is greater than 60 inches. Available water to a depth of 60 inches (or restricted depth) is very low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. This soil does not meet hydric criteria.

Component: Crider (3%)

Generated brief soil descriptions are created for major components. The Crider soil is a minor component.

Component: Vertrees (1%)

Generated brief soil descriptions are created for major components. The Vertrees soil is a minor component.

Component: Pembroke (1%)

Generated brief soil descriptions are created for major components. The Pembroke soil is a minor component.

Map Unit Uc (3.54%)

Map Unit Name: Urban land-Udorthents complex, clayey substratum, hard bedrock 0-5 feet, 0 to 12 percent slopes

Bedrock Depth - Min: 122cm

Watertable Depth - Annual Min: null

Drainage Class - Dominant: null

Hydrologic Group - Dominant: null

Major components are printed below

Udorthents(30%)

horizon H1(0cm to 122cm)	Clay
horizon R(122cm to 147cm)	Bedrock

Component Description:

Soil Information

Minor map unit components are excluded from this report.

Map Unit: Uc - Urban land-Udorthents complex, clayey substratum, hard bedrock 0-5 feet, 0 to 12 percent slopes

Component: Urban land (50%)

Generated brief soil descriptions are created for major soil components. The Urban land is a miscellaneous area.

Component: Udorthents (30%)

The Udorthents, clayey substratum, hard bedrock <5 feet component makes up 30 percent of the map unit. Slopes are 0 to 12 percent. The parent material consists of clayey residuum weathered from limestone. Depth to a root restrictive layer, bedrock, lithic, is 12 to 60 inches. Water movement in the most restrictive layer is low. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 0 percent. This soil does not meet hydric criteria.

Component: Baxter (8%)

Generated brief soil descriptions are created for major components. The Baxter soil is a minor component.

Component: Vertrees (6%)

Generated brief soil descriptions are created for major components. The Vertrees soil is a minor component.

Component: Crider (4%)

Generated brief soil descriptions are created for major components. The Crider soil is a minor component.

Component: Caneyville (2%)

Generated brief soil descriptions are created for major components. The Caneyville soil is a minor component.

Map Unit Ud (2.3%)

Map Unit Name:	Urban land-Udorthents complex, clayey substratum, hard bedrock > 5 feet, 0 to 12 percent slopes
Bedrock Depth - Min:	177cm
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	null
Hydrologic Group - Dominant:	null

Major components are printed below

Udorthents(20%)

horizon H1(0cm to 177cm)	Clay
horizon R(177cm to 202cm)	Bedrock

Component Description:

Minor map unit components are excluded from this report.

Map Unit: Ud - Urban land-Udorthents complex, clayey substratum, hard bedrock > 5 feet, 0 to 12 percent slopes

Component: Urban land (75%)

Generated brief soil descriptions are created for major soil components. The Urban land is a miscellaneous area.

Component: Udorthents (20%)

The Udorthents, clayey substratum, hard bedrock> 5 feet component makes up 20 percent of the map unit. Slopes are 0 to 12 percent. The parent material consists of clayey residuum weathered from cherty limestone. Depth to a root restrictive layer, bedrock, lithic, is 60 to 80 inches. Water movement in the most restrictive layer is low. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 0 percent. This soil does not meet hydric criteria.

Component: Baxter (2%)

Generated brief soil descriptions are created for major components. The Baxter soil is a minor component.

Component: Vertrees (1%)

Generated brief soil descriptions are created for major components. The Vertrees soil is a minor component.

Soil Information

Component: Crider (1%)

Generated brief soil descriptions are created for major components. The Crider soil is a minor component.

Component: Caneyville (1%)

Generated brief soil descriptions are created for major components. The Caneyville soil is a minor component.

Map Unit Us (65.39%)

Map Unit Name:

Urban land-Udorthents complex, smoothed, 0 to 15 percent slopes

No more attributes available for this map unit

Component Description:

Minor map unit components are excluded from this report.

Map Unit: Us - Urban land-Udorthents complex, smoothed, 0 to 15 percent slopes

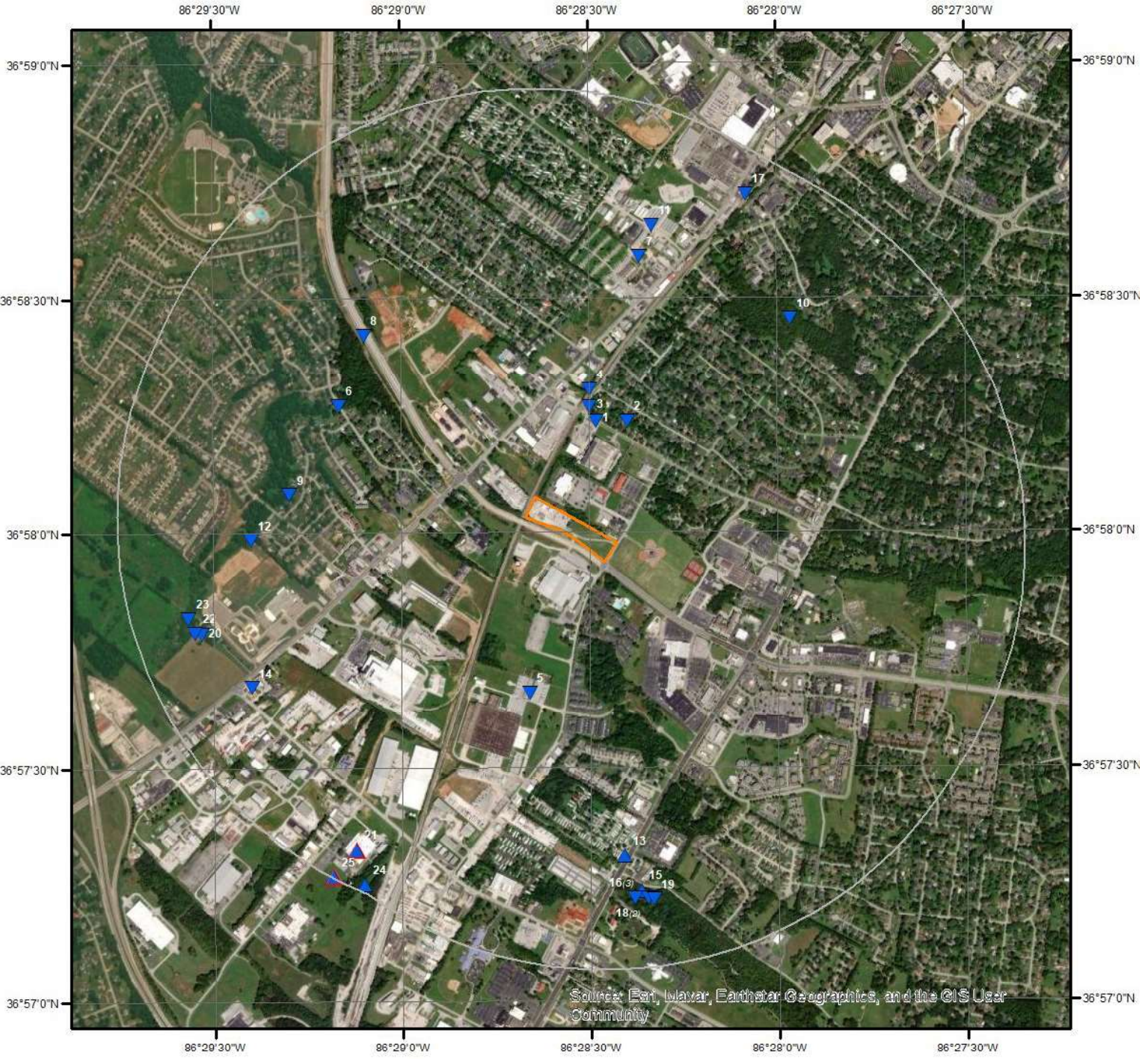
Component: Urban land (60%)

Generated brief soil descriptions are created for major soil components. The Urban land is a miscellaneous area.

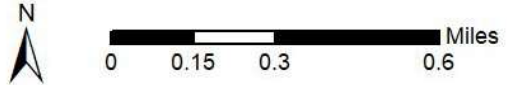
Component: Udorthents (40%)

The Udorthents, smoothed component makes up 40 percent of the map unit. Slopes are 0 to 15 percent. This component is on road beds. The parent material consists of mine spoil or earthy fill. Depth to a root restrictive layer is greater than 60 inches. Available water to a depth of 60 inches (or restricted depth) is very low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. This soil does not meet hydric criteria.

Wells and Additional Sources



Wells & Additional Sources



- | | |
|--------------------------------|------------------------------------|
| ▲ Sites with Higher Elevation | ▲ OGW Sites with Higher Elevation |
| ■ Sites with Same Elevation | ■ OGW Sites with Same Elevation |
| ▼ Sites with Lower Elevation | ▼ OGW Sites with Lower Elevation |
| ○ Sites with Unknown Elevation | ● OGW Sites with Unknown Elevation |



Wells and Additional Sources Summary

Federal Sources

Public Water Systems Violations and Enforcement Data

Map Key	ID	Distance (ft)	Direction
No records found			

Safe Drinking Water Information System (SDWIS)

Map Key	ID	Distance (ft)	Direction
No records found			

USGS National Water Information System

Map Key	Site No	Distance (ft)	Direction
6	USGS-03314610	2788.82	WNW
10	USGS-365827086275801	3661.61	NE
11	USGS-365839086282001	3814.33	NNE
14	USGS-365740086292401	4170.74	WSW
16	USGS-365713086282301	4370.76	S
18	USGS-03314670	4387.65	SSE
18	USGS-365713086282103	4387.65	SSE

State Sources

Kentucky Groundwater Data Repository

Map Key	AKGWA No	Distance (ft)	Direction
1	70000077	1237.22	NNE
2	70000079	1437.28	NNE
3	90000865	1357.01	N
4	70000078	1548.10	N
5	30003607	1959.64	SSW
7	70000084	3379.36	NNE
8	70000075	3032.98	NW
9	90002494	3057.82	W
12	90002822	3558.64	W
13	00064295	3814.68	S
15	70000065	4277.93	S
16	70000521	4370.76	S
16	40008120	4370.76	S
17	70000080	4748.67	NNE
19	90000053	4413.19	SSE
20	00015989	4457.57	WSW
22	70000099	4527.21	WSW
23	90000460	4548.78	WSW
24	80013326	5179.63	SSW

Oil and Gas Wells

Map Key	API	Distance (ft)	Direction
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Wells and Additional Sources Summary

21	16227028840000	4822.70	SSW
25	16227028850000	5271.69	SW

Public Water Supply Wells

Map Key	ID	Distance (ft)	Direction
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No records found

Wells and Additional Sources Detail Report

USGS National Water Information System

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	WNW	0.53	2,788.82	477.15	FED USGS

Site No: USGS-03314610
Site Type: Stream
Formation Type:
Date Drilled:
Well Depth:
Well Depth Unit:
Well Hole Depth:
Well Hole Depth Unit:
Reporting Agency: USGS Kentucky Water Science Center
Station Name: JENNINGS CREEK NEAR LOST RIVER, KY
Latitude: 36.97115280000000
Longitude: -86.48610290000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
10	NE	0.69	3,661.61	511.74	FED USGS

Site No: USGS-365827086275801
Site Type: Well
Formation Type:
Date Drilled: 19550101
Well Depth: 98.0
Well Depth Unit: ft
Well Hole Depth:
Well Hole Depth Unit:
Reporting Agency: USGS Kentucky Water Science Center
Station Name: J14A0017
Latitude: 36.97420850000000
Longitude: -86.46610240000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
11	NNE	0.72	3,814.33	492.85	FED USGS

Site No: USGS-365839086282001
Site Type: Well
Formation Type:
Date Drilled:
Well Depth: 89.0
Well Depth Unit: ft
Well Hole Depth:

Wells and Additional Sources Detail Report

Well Hole Depth Unit:

Reporting Agency: USGS Kentucky Water Science Center
 Station Name: J14A0028
 Latitude: 36.97754184000000
 Longitude: -86.4722136000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
14	WSW	0.79	4,170.74	530.72	FED USGS

Site No: USGS-365740086292401
 Site Type: Well
 Formation Type:
 Date Drilled:
 Well Depth: 77.0
 Well Depth Unit: ft
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Kentucky Water Science Center
 Station Name: J14A0011
 Latitude: 36.96115268000000
 Longitude: -86.4899920000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
16	S	0.83	4,370.76	503.76	FED USGS

Site No: USGS-365713086282301
 Site Type: Spring
 Formation Type: Ste. Genevieve Limestone
 Date Drilled:
 Well Depth:
 Well Depth Unit:
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Kentucky Water Science Center
 Station Name: J14AS003
 Latitude: 36.95365275000000
 Longitude: -86.4730473000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
18	SSE	0.83	4,387.65	521.83	FED USGS

Site No: USGS-03314670
 Site Type: Stream
 Formation Type:
 Date Drilled:

Wells and Additional Sources Detail Report

Well Depth:
 Well Depth Unit:
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Kentucky Water Science Center
 Station Name: LOST RIVER BLUE HOLE NEAR BOWLING GREEN, KY
 Latitude: 36.95365275000000
 Longitude: -86.4724917000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
18	SSE	0.83	4,387.65	521.83	FED USGS

Site No: USGS-365713086282103
 Site Type: Spring
 Formation Type:
 Date Drilled:
 Well Depth:
 Well Depth Unit:
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Kentucky Water Science Center
 Station Name: LOST RIVER BLUE HOLE SPRING NEAR BOWLING GREEN, KY
 Latitude: 36.95365275000000
 Longitude: -86.4724917000000

Kentucky Groundwater Data Repository

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
1	NNE	0.23	1,237.22	521.72	WATER WELLS

AKGWA No: 70000077 Quad Name: Bowling Green South
 ALT ID: County: Warren
 Physiograph Region: Latitude: 36.970596
 Surface Elevation: 523 Longitude: -86.474716
 Type: S
 Type Desc: Spring Wells
 Usage:
 Lat Long Method:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
2	NNE	0.27	1,437.28	532.80	WATER WELLS

AKGWA No: 70000079 Quad Name: Bowling Green South
 ALT ID: County: Warren
 Physiograph Region: Latitude: 36.970596
 Surface Elevation: 530 Longitude: -86.473328

Wells and Additional Sources Detail Report

Type: S
 Type Desc: Spring Wells
 Usage:
 Lat Long Method:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	N	0.26	1,357.01	519.85	WATER WELLS

AKGWA No:	90000865	Quad Name:	Bowling Green South
ALT ID:		County:	Warren
Physiograph Region:		Latitude:	36.971111
Surface Elevation:	500	Longitude:	-86.475
Type:	S		
Type Desc:	Spring Wells		
Usage:			
Lat Long Method:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
4	N	0.29	1,548.10	514.56	WATER WELLS

AKGWA No:	70000078	Quad Name:	Bowling Green South
ALT ID:		County:	Warren
Physiograph Region:		Latitude:	36.97171
Surface Elevation:	512	Longitude:	-86.474991
Type:	S		
Type Desc:	Spring Wells		
Usage:			
Lat Long Method:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SSW	0.37	1,959.64	534.99	WATER WELLS

AKGWA No:	30003607	Quad Name:	Bowling Green South
ALT ID:		County:	Warren
Physiograph Region:		Latitude:	36.960941
Surface Elevation:		Longitude:	-86.477692
Type:	S		
Type Desc:	Spring Wells		
Usage:			
Lat Long Method:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
7	NNE	0.64	3,379.36	487.22	WATER WELLS

Wells and Additional Sources Detail Report

AKGWA No:	70000084	Quad Name:	Bowling Green South
ALT ID:		County:	Warren
Physiograph Region:		Latitude:	36.976433
Surface Elevation:	489	Longitude:	-86.472771
Type:	S		
Type Desc:	Spring Wells		
Usage:			
Lat Long Method:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
8	NW	0.57	3,032.98	467.97	WATER WELLS

AKGWA No:	70000075	Quad Name:	Bowling Green South
ALT ID:		County:	Warren
Physiograph Region:		Latitude:	36.973652
Surface Elevation:	475	Longitude:	-86.484993
Type:	S		
Type Desc:	Spring Wells		
Usage:			
Lat Long Method:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	W	0.58	3,057.82	489.25	WATER WELLS

AKGWA No:	90002494	Quad Name:	Bowling Green South
ALT ID:		County:	Warren
Physiograph Region:		Latitude:	36.968
Surface Elevation:	490	Longitude:	-86.488278
Type:	S		
Type Desc:	Spring Wells		
Usage:			
Lat Long Method:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
12	W	0.67	3,558.64	488.82	WATER WELLS

AKGWA No:	90002822	Quad Name:	Bowling Green South
ALT ID:		County:	Warren
Physiograph Region:		Latitude:	36.966389
Surface Elevation:	490	Longitude:	-86.49
Type:	S		
Type Desc:	Spring Wells		
Usage:			
Lat Long Method:			

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
13	S	0.72	3,814.68	542.86	WATER WELLS

AKGWA No:	00064295	Quad Name:	Bowling Green South
ALT ID:		County:	Warren
Physiograph Region:	Mississippian Plateau	Latitude:	36.955156
Surface Elevation:	540	Longitude:	-86.473503
Type:	W		
Type Desc:	Water Wells		
Usage:			
Lat Long Method:	Handheld GPS - Differentially Corrected		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
15	S	0.81	4,277.93	549.27	WATER WELLS

AKGWA No:	70000065	Quad Name:	Bowling Green South
ALT ID:		County:	Warren
Physiograph Region:		Latitude:	36.95393
Surface Elevation:	500	Longitude:	-86.472771
Type:	S		
Type Desc:	Spring Wells		
Usage:			
Lat Long Method:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
16	S	0.83	4,370.76	503.76	WATER WELLS

AKGWA No:	70000521	Quad Name:	Bowling Green South
ALT ID:		County:	Warren
Physiograph Region:		Latitude:	36.953651
Surface Elevation:		Longitude:	-86.473045
Type:	S		
Type Desc:	Spring Wells		
Usage:			
Lat Long Method:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
16	S	0.83	4,370.76	503.76	WATER WELLS

AKGWA No:	40008120	Quad Name:	Bowling Green South
ALT ID:	365713086282301	County:	Warren
Physiograph Region:	Western Pennyroyal	Latitude:	36.953652
Surface Elevation:		Longitude:	-86.473047
Type:	W		

Wells and Additional Sources Detail Report

Type Desc: Water Wells
 Usage:
 Lat Long Method:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
17	NNE	0.90	4,748.67	477.71	WATER WELLS

AKGWA No:	70000080	Quad Name:	Bowling Green South
ALT ID:		County:	Warren
Physiograph Region:		Latitude:	36.978653
Surface Elevation:	476	Longitude:	-86.468048
Type:	S		
Type Desc:	Spring Wells		
Usage:			
Lat Long Method:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
19	SSE	0.84	4,413.19	512.21	WATER WELLS

AKGWA No:	90000053	Quad Name:	Bowling Green South
ALT ID:		County:	Warren
Physiograph Region:		Latitude:	36.953611
Surface Elevation:	440	Longitude:	-86.472222
Type:	S		
Type Desc:	Spring Wells		
Usage:			
Lat Long Method:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
20	WSW	0.84	4,457.57	507.58	WATER WELLS

AKGWA No:	00015989	Quad Name:	Bowling Green South
ALT ID:		County:	Warren
Physiograph Region:	Mississippian Plateau	Latitude:	36.963056
Surface Elevation:	510	Longitude:	-86.492222
Type:	W		
Type Desc:	Water Wells		
Usage:	Domestic - Single Household		
Lat Long Method:	Paper or Internet Map Interpolation		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	WSW	0.86	4,527.21	505.87	WATER WELLS

AKGWA No:	70000099	Quad Name:	Bowling Green South
-----------	----------	------------	---------------------

Wells and Additional Sources Detail Report

ALT ID:	County:	Warren
Physiograph Region:	Latitude:	36.963097
Surface Elevation: 502	Longitude:	-86.492493
Type: S		
Type Desc: Spring Wells		
Usage:		
Lat Long Method:		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
23	WSW	0.86	4,548.78	499.82	WATER WELLS

AKGWA No: 90000460	Quad Name:	Bowling Green South
ALT ID:	County:	Warren
Physiograph Region:	Latitude:	36.963611
Surface Elevation: 500	Longitude:	-86.492778
Type: S		
Type Desc: Spring Wells		
Usage:		
Lat Long Method:		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
24	SSW	0.98	5,179.63	552.99	WATER WELLS

AKGWA No: 80013326	Quad Name:	Bowling Green South
ALT ID: MW-04	County:	Warren
Physiograph Region: Mississippian Plateau	Latitude:	36.954167
Surface Elevation: 550	Longitude:	-86.485
Type: M		
Type Desc: Monitoring Wells		
Usage: Monitoring Well - Ambient Monitoring		
Lat Long Method: Paper or Internet Map Interpolation		

Oil and Gas Wells

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
21	SSW	0.91	4,822.70	556.21	OGW

KGS Rec No: 83328	USGS Quad:	BOWLING GREEN SOUTH
KGS Permit: N1345	FNS:	1950
API: 16227028840000	NS:	S
ORG Well No: 1	FEW:	600
Bore Type Code: V	EW:	E
No: 37	County:	WARREN
ELOG:	Rec Lat NAD1927:	36.955355
Letter: F	Rec Lon NAD1927:	-86.485386
Section: 15	Latitude:	36.955397

Wells and Additional Sources Detail Report

Surface Elevation: 550.0 Longitude: -86.485379
 ORG Operator: UNKNOWN
 ORG Farm: BANDO AMERICAN, INC
 Bore Type: Conventional vertical well bore (not intentionally deviated)
 Images: <https://kgs.uky.edu/kygeode/services/oilgas/wellReport.asp?id=83328>

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
25	SW	1.00	5,271.69	550.00	OGW

KGS Rec No:	83329	USGS Quad:	BOWLING GREEN SOUTH
KGS Permit:	N1346	FNS:	1600
API:	16227028850000	NS:	S
ORG Well No:	2	FEW:	900
Bore Type Code:	V	EW:	E
No:	37	County:	WARREN
ELOG:		Rec Lat NAD1927:	36.954394
Letter:	F	Rec Lon NAD1927:	-86.486413
Section:	15	Latitude:	36.954436
Surface Elevation:	556.0	Longitude:	-86.486405
ORG Operator:	UNKNOWN		
ORG Farm:	BANDO AMERICAN, INC		
Bore Type:	Conventional vertical well bore (not intentionally deviated)		
Images:	https://kgs.uky.edu/kygeode/services/oilgas/wellReport.asp?id=83329		

Radon Information

This section lists any relevant radon information found for the target property.

Federal EPA Radon Zone for *WARREN* County: **1**

Zone 1: Counties with predicted average indoor radon screening levels greater than 4 pCi/L

Zone 2: Counties with predicted average indoor radon screening levels from 2 to 4 pCi/L

Zone 3: Counties with predicted average indoor radon screening levels less than 2 pCi/L

Federal Area Radon Information for *WARREN* County

No Measures/Homes:	25
Geometric Mean:	4.3
Arithmetic Mean:	7.6
Median:	5.4
Standard Deviation:	8
Maximum:	31.7
% >4 pCi/L:	60
% >20 pCi/L:	8
Notes on Data Table:	TABLE 1. Screening indoor radon data from the EPA/State Residential Radon Survey of Kentucky conducted during 1986-87. Data represent 2-7 day charcoal canister measurements from the lowest level of each home tested.

Federal Sources

FEMA National Flood Hazard Layer

FEMA FLOOD

The National Flood Hazard Layer (NFHL) data incorporates Flood Insurance Rate Map (FIRM) databases published by the Federal Emergency Management Agency (FEMA), and any Letters Of Map Revision (LOMRs) that have been issued against those databases since their publication date. The FIRM Database is the digital, geospatial version of the flood hazard information shown on the published paper FIRMs. The FIRM Database depicts flood risk information and supporting data used to develop the risk data. The FIRM Database is derived from Flood Insurance Studies (FISs), previously published FIRMs, flood hazard analyses performed in support of the FISs and FIRMs, and new mapping data, where available.

Indoor Radon Data

INDOOR RADON

Indoor radon measurements tracked by the Environmental Protection Agency(EPA) and the State Residential Radon Survey.

Public Water Systems Violations and Enforcement Data

PWSV

This list of drinking water violations and enforcement actions is sourced from the U.S Environmental Protection Agency's (EPA) Enforcement and Compliance History Online (ECHO) system that incorporates Public Water Systems data from EPA's Safe Drinking Water Information System (SDWIS) database, as part of the national download of Safe Drinking Water Act (SDWA) data. SDWIS contains information on public water systems from the Public Water System Supervision (PWSS) Program, including monitoring, enforcement, and violation data related to requirements established by the SWDA. Address information provided in SWDIS may correspond either with the physical location of the water system, or with a contact address.

Radon Zone Level

RADON ZONE

Areas showing the level of Radon Zones (level 1, 2 or 3) by county. This data is maintained by the Environmental Protection Agency (EPA).

Safe Drinking Water Information System (SDWIS)

SDWIS

This national download of Safe Drinking Water Act (SDWA) data is sourced from the U.S Environmental Protection Agency's (EPA) Enforcement and Compliance History Online (ECHO) system that incorporates Public Water Systems data from EPA's Safe Drinking Water Information System (SDWIS) database. SDWIS contains information on public water systems from the Public Water System Supervision (PWSS) Program related to requirements established by the Safe Drinking Water Act (SDWA). Address information provided in SWDIS may correspond either with the physical location of the water system, or with a contact address.

Soil Survey Geographic database

SSURGO

The Soil Survey Geographic database (SSURGO) contains information about soil as collected by the National Cooperative Soil Survey at the Natural Resources Conservation Service (NRCS). Soil maps outline areas called map units. The map units are linked to soil properties in a database. Each map unit may contain one to three major components and some minor components.

U.S. Fish & Wildlife Service Wetland Data

US WETLAND

The U.S. Fish & Wildlife Service Wetland layer represents the approximate location and type of wetlands and deepwater habitats in the United States.

USGS Current Topo

US TOPO

US Topo topographic maps are produced by the National Geospatial Program of the U.S. Geological Survey (USGS). The project was launched in late 2009, and the term "US Topo" refers specifically to quadrangle topographic maps published in 2009 and later.

USGS Geology

US GEOLOGY

Seamless maps depicting geological information provided by the United States Geological Survey (USGS).

USGS National Water Information System

FED USGS

The U.S. Geological Survey's (USGS) National Water Information System (NWIS) is the nation's principal repository of water resources data. The data includes comprehensive information of well-construction details, time-series data for gage height, streamflow, groundwater level, and precipitation and water use data. This NWIS database information is obtained through the Water Quality Data Portal (WQP). The WQP

Appendix

is a cooperative service sponsored by the USGS, the Environmental Protection Agency (EPA), and the National Water Quality Monitoring Council (NWQMC).

State Sources

Kentucky Groundwater Data Repository

List of records in the Kentucky Geological Survey's Water Well & Spring Records database. The Kentucky Groundwater Data Repository was initiated in 1990 by the Kentucky Geological Survey under mandate from the Kentucky legislature (KRS 151:035). The repository was established to archive and disseminate groundwater data collected by State agencies, other organizations, and independent researchers.

WATER WELLS

Oil and Gas Wells

This oil and gas well data is made available by the University of Kentucky through the Kentucky Geological Survey's Oil and Gas Data Search.

OGW

Public Water Supply Wells

The Public Water Supply Wells (PWSW) data consist of community water supply wells in Kentucky. This data was made available by Kentucky Department for Environmental Protection, Division of Water.

PWSW

Liability Notice

Reliance on information in Report: The Physical Setting Report (PSR) DOES NOT replace a full Phase I Environmental Site Assessment but is solely intended to be used as a review of environmental databases and physical characteristics for the site or adjacent properties.

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**APPENDIX D -
REGULATORY CONTACTS AND INFORMATION**

From: [Delk, Pamela G \(EEC\)](#)
To: [Jason Moore](#)
Subject: FOIA Request Bowling Green, KY
Date: Wednesday, July 24, 2024 2:53:42 PM
Attachments: [110 Campbell Ln, Bowling Green, KY.PNG](#)

Good afternoon,

The Energy and Environment Cabinet has received your July 24, 2024 request regarding 110 Campbell Ln, Bowling Green, KY, however we do not have any UST records/files regarding this site. I have attached a site map of the area for your review.

If we can assist further, or you have any questions or concerns, please let us know.

If you wish to appeal this decision, you may do so by filing a complaint with the Attorney General's Office, Open Records/Open Meetings Division, The Capitol, 700 Capitol Avenue, Suite 118, Frankfort, KY 40601, pursuant to KRS 61.880(2), or by filing an original civil action in the appropriate circuit court under KRS 61.882. If you first appeal to the Attorney General but are dissatisfied with the Attorney General's decision, you may further appeal to circuit court pursuant to KRS 61.880(5).

Thank you,

Pamela Delk
Office of Administrative Services
300 Sower BLVD, 1st Floor
Frankfort, KY 40601
Email: Pamela.Delk@ky.gov
Email Open Records Request to:
ECC.KORA@ky.gov
Phone: 502-782-3121T

From: [CityClerkOpenRecords](#)
To: [Jason Moore](#)
Subject: RE: Open Records Request
Date: Friday, July 26, 2024 10:15:00 AM
Attachments: [image001.png](#)
[2018-006298.pdf](#)
[Bowling Green Fire Department 2023-1673.pdf](#)
[Bowling Green Fire Department 2019-2214.pdf](#)

Good morning,

The BGFD sent 3 incident reports that fit the parameters of your request. Please see attached.

Thank you,

Jen Edwards
Records Management Coordinator
City of Bowling Green
1001 College Street
P.O. Box 430
Bowling Green, KY 42102-0430
270-393-3694

From: Jason Moore <jmoore@all4inc.com>
Sent: Wednesday, July 24, 2024 1:47 PM
To: CityClerkOpenRecords <CityClerkOpenRecords@bgky.org>
Subject: [EXT] Open Records Request

Warning: This email is from an external source. Review carefully before clicking links or attachments.

Hello,

ALL4 LLC is requesting any records of responses to fires, spills, or other environmental issues at the following location in Bowling Green, Kentucky:

· 110 Campbell Lane, Bowling Green, KY 42101

Please inform me of the results of your review. If possible, please send any electronically. (See attached City of Bowling Green Open Records Request Form)

Regards,



Jason Moore / Consulting Engineer
859.785.0389 / [Profile](#) / [LinkedIn](#)



www.all4inc.com / [Locations](#) / [Articles](#) / [Podcast](#) / [Training](#)

ALL4 // STRATEGY WITH SOLUTION. PARTNERSHIP WITH A PURPOSE.

**APPENDIX E -
HISTORICAL DOCUMENTATION**

NFIRS-1 Basic 	A Bowling Green Fire Department Fire Department	07/19/2018 11:20:54 2018-006298 00 Date Time Incident Number Exposure	
	B Street address 110 CAMPBELL LN Bowling Green, KY 42101 Census Tract		

C Incident Type: 142 Brush or brush-and-grass mixture fire	E₁ Dates and Times Alarm Time 07/19/2018 11:20:54 Time Out 07/19/2018 11:22:05 Arrival 07/19/2018 11:26:20 Controlled Cleared 07/19/2018 11:40:10	E₂ Shift and Alarms <table border="1"> <tr> <td>A</td> <td>1</td> <td>S-3</td> <td>S-3</td> </tr> <tr> <td>Shift</td> <td>Alarm</td> <td>District</td> <td>Alarm Box</td> </tr> </table>	A	1	S-3	S-3	Shift	Alarm	District	Alarm Box
A	1	S-3	S-3							
Shift	Alarm	District	Alarm Box							
D Mutual Aid: None Their FDID State Incident Responding Departments (Press Other)		E₃ Special Studies								

F Actions Taken 1. Extinguishment by fire service personnel	G₁ Resources <table border="1"> <thead> <tr> <th></th> <th>Apparatus</th> <th>Personnel</th> </tr> </thead> <tbody> <tr> <td>Suppression</td> <td>1</td> <td>4</td> </tr> <tr> <td>EMS</td> <td>0</td> <td>0</td> </tr> <tr> <td>Other</td> <td>0</td> <td>0</td> </tr> <tr> <td>Personnel Not on Apparatus</td> <td></td> <td>0</td> </tr> <tr> <td>Total Personnel</td> <td></td> <td>4</td> </tr> </tbody> </table>		Apparatus	Personnel	Suppression	1	4	EMS	0	0	Other	0	0	Personnel Not on Apparatus		0	Total Personnel		4	G₂ Estimated Dollar Losses Losses Property Unknown Contents Unknown Pre Incident Value Property Unknown Contents Unknown
	Apparatus	Personnel																		
Suppression	1	4																		
EMS	0	0																		
Other	0	0																		
Personnel Not on Apparatus		0																		
Total Personnel		4																		

H₁ Casualties <table border="1"> <thead> <tr> <th></th> <th>Deaths</th> <th>Injuries</th> </tr> </thead> <tbody> <tr> <td>Fire Service</td> <td>0</td> <td>0</td> </tr> <tr> <td>Civilian</td> <td>0</td> <td>0</td> </tr> </tbody> </table>		Deaths	Injuries	Fire Service	0	0	Civilian	0	0	H₃ Hazardous Materials Release	J Property Use Railroad right-of-way
	Deaths	Injuries									
Fire Service	0	0									
Civilian	0	0									


H₂ Detector	I Mixed Property Use
-------------------------------	-----------------------------

K₁ Person Entity Involved MILLERS BOTTLED GAS CO INC Preston Miller 110 CAMPBELL LN Bowling Green, KY 42101 270-842-9427	K₂ Owner null 110 CAMPBELL LN Bowling Green, KY 42101 - - -
---	---

L Remarks
 E3 dispatched to a brush/grass fire that is getting close to propane tanks in the Miller Gas yard. Upon arrival Miller Gas employees had sprayed several fire extinguishers on the fire and it appeared to be extinguished. E3 crew sprayed down the area and put out hot spots. E3 crew available.
 User: REESJ22 07/20/2018 06:25:15

M JUSTIN A REESY Officer in Charge	PROBATIONARY FIRE OFFICE IN CHARGE Rank Assignment	07/20/2018 Date
JUSTIN A REESY Member Making Report	PROBATIONARY FIRE OFFICE IN CHARGE Rank Assignment	07/20/2018 Date

R

NFIRS-2 Fire 	B Property Details B₁ Not Residential Estimated number of residential living units in building of origin whether or not all units	C On-Site Materials or Products LP gas, butane, propane On-site material (1)	Bulk storage or warehousing Storage Code
	B₂ Buildings not Involved Number of buildings involved.	On-site material (2)	Storage Code
	B₃ Less than one acre Acres burned (outside fires).	On-site material (3)	Storage Code

D Ignition*Open area - outside; included are farmland, field*

Area of Fire Origin

Undetermined

Heat Source

Confined to object of origin

Item First Ignited

Undetermined

Type of Material First Ignited

E₁ Cause of Ignition*Unintentional***E₂ Factors Contributing to Ignition**1. *None***E₃ Human Factors***None***F Equipment Involved in Ignition****G Fire Suppression Factors****H Mobile Property Involved**



Bowling Green Fire Department

Station: **3**
Shifts Or Platoon: **A**

Location: Miller Gas 110 CAMPBELL LN BOWLING GREEN KY 42101	Incident Type: 412 - Gas leak (natural gas or LPG)
Lat/Long: N 36° 58' 0.51" W 86° 28' 32.94"	FDID: B3580 Incident #: 2019-2214 Exposure ID: 39482486 Exposure #: 0 Incident Date: 04/21/2019 Dispatch Run #: 2019-03462
Zone: 3 - District 3 Location Type: 1 - Street address Map Page: 40C	

Report Completed by:	CARTAS , CHRISTOPHER	ID: 2651	Date: 04/22/2019
Report Reviewed by:	MORRIS , DOUGLAS	ID: 2156	Date: 04/22/2019
Report Printed by:	JONKER, ELYSE C	ID: 4360	Date: 7/25/2024 Time: 13:06

Structure Type:	Property Use: 644 - Gas distribution, gas pipeline		
Automatic Extinguishment System Present:	<input type="checkbox"/>	Detectors Present:	<input type="checkbox"/> Cause of Ignition:
Aid Given or Received:	None	Primary action taken:	86 - Investigate
Losses	Pre-Incident Values		
Property:	Property:	Civilian Injuries:	0 Fire Service Injuries: 0
Contents:	Contents:	Civilian Fatalities:	0 Fire Service Fatalities: 0
Total:	Total:	Total Casualties:	0 Total Fire Service Casualties: 0
Total # of apparatus on call:	1	Total # of personnel on call:	4

NARRATIVE (2)
Narrative Title: n/a Narrative Author: CARTAS, CHRISTOPHER Narrative Date: 04/22/2019 06:18:19 Narrative Apparatus ID: E3 Narrative: E3 knocked out to location for a gas rupture/leak. Car1 received information earlier this morning of operations at this location. Car1 cancelled E3 before response was made. Call complete. E3 available.

APPARATUS	
Unit	E3
Type:	Engine
Use:	Suppression
Response Mode:	No Lights or Sirens
# of People	4
Alarm	04 /21/2019 09:30:36
Dispatched	04 /21/2019 09:31:35
Enroute	-- /-- /-- -- : -- : --
Arrived	-- /-- /-- -- : -- : --
Cancelled	04 /21/2019 09:32:38
Cleared Scene	04 /21/2019 09:32:38
In Quarters	-- /-- /-- -- : -- : --
In Service	04 /21/2019 09:32:38
Number Of People not on apparatus: 0	

CUSTOM FIELDS FORM	
Response Reliability	In District
EMS Response	
EMS - Number of patients	
EMS - Assisted EMS w/ loading patient?	
EMS - Checked Pt Vital Signs (BP, SPO2, etc)	
EMS - Specific Patient Complaint/Problem Found	
EMS - Controlled Bleeding/Other first aid	
EMS - CPR performed/AED used	
EMS - Other Medication Administered (Albuterol, Aspirin, Glucose, etc)	
EMS - Oxygen applied?	
Hydrant water used? (___gallons flowed from hydrant # ___ or location)	
Loss Control Trailer Used?	
Billable?	
Effective Response Force? (Fire attack, search, water supply, ventilation, etc performed on a fire)	

Member Making Report (Sergeant CHRISTOPHER CARTAS): _____

Incident Reviewer (Assistant Chief DOUGLAS MORRIS): _____



Bowling Green Fire Department
 Station: 4
 Shifts Or Platoon: A

Location: 110 CAMPBELL LN BOWLING GREEN KY 42101 2700 INDUSTRIAL DR RAILROAD	Incident Type: 561 - Unauthorized burning
Lat/Long: N 36° 58' 1.77" W 86° 28' 37.64"	FDID: B3580 Incident #: 2023-1673 Exposure ID: 72281376 Exposure #: 0 Incident Date: 03/19/2023 Dispatch Run #: 2023-02555
Zone: 40C - 40C Location Type: 1 - Street address Map Page: 3 Cross Street, Directions or National Grid: 2700 INDUSTRIAL DR RAILROAD	

Report Completed by:	BUCHANON , CHRISTOPHER	ID: 2477	Date: 03/22/2023
Report Reviewed by:	BUCHANON , CHRISTOPHER	ID: 2477	Date: 03/22/2023
Report Printed by:	JONKER, ELYSE C	ID: 4360	Date: 7/25/2024 Time: 13:06

Structure Type:	Property Use: 951 - Railroad right-of-way		
Automatic Extinguishment System Present: <input type="checkbox"/>	Detectors Present: <input type="checkbox"/>	Cause of Ignition:	
Aid Given or Received:	None	Primary action taken: 85 - Enforce codes	
Losses	Pre-Incident Values		
Property:	Property:	Civilian Injuries: 0	Fire Service Injuries: 0
Contents:	Contents:	Civilian Fatalities: 0	Fire Service Fatalities: 0
Total:	Total:	Total Casualties: 0	Total Fire Service Casualties: 0
Total # of apparatus on call:		1	Total # of personnel on call: 4

NARRATIVE (2)
Narrative Title: n/a Narrative Author: BUCHANON, CHRIS Narrative Date: 03/22/2023 19:28:29 Narrative Apparatus ID: T4 Narrative: Dispatched to smoke coming from under the bridge of the railroad/Campbell Ln, Arrived on location and noticed moderate amount of smoke coming from under the bridge. T4 was positioned in Blossman Gas parking lot and access made under bridge on foot. Upon getting to the location under the bridge, a homeless camp was located and they were burning a large section of an old utility pole. They were advised they were only allowed to have cooking fires or small warming fires, and that since they were burning a pole and it was putting off alot of smoke to the street above we would have to extinguish. AOW was used to extinguish. T4 became available and refilled AOW once back at station.

APPARATUS	
Unit	T4
Type:	Truck or aerial
Use:	Suppression
Response Mode:	No Lights or Sirens
# of People	4
Alarm	03 /19/2023 21:58:56
Dispatched	03 /19/2023 21:59:12
Enroute	03 /19/2023 21:59:16
Arrived	03 /19/2023 22:05:02
Cancelled	-- / -- / -- -- : -- : --
Cleared Scene	03 /19/2023 22:17:49
In Quarters	-- / -- / -- -- : -- : --
In Service	03 /19/2023 22:17:49
Number Of People not on apparatus: 0	

CUSTOM FIELDS FORM	
Response Reliability	In District
Critical Incident - Incident that could overwhelm a firefighter's usual coping strategies. (Example could be anything including but not limited to: MCI's, Patient Death, Serious injury or loss of a juvenile patient, etc...)	
EMS Response	
EMS - Number of patients	
EMS - Assisted EMS w/ loading patient?	
EMS - Checked Pt Vital Signs (BP, SPO2, etc)	
EMS - Specific Patient Complaint/Problem Found	
EMS - Controlled Bleeding/Other first aid	
EMS - CPR performed/AED used	
EMS - Narcan Administered.	
EMS - Other Medication Administered (Albuterol, Aspirin, Glucose, etc)	
EMS - Oxygen applied?	
Hydrant water used? (___ gallons flowed from hydrant # ___ or location)	
Loss Control Trailer Used?	
Billable?	
Effective Response Force? (Fire attack, search, water supply, ventilation, etc performed on a fire)	
Technical Rescue?	
Did you install Smoke alarms in the residence during this run. (If YES please complete the next question)	
SMOKE DETECTORS INSTALLED. Select how many smoke detectors were installed and or maintained (batteries installed).	
SMOKE DETECTORS CHECKED. Select how many Smoke Detectors were present and operating correctly. (Example Runs: Smell of smoke, fire alarms, Structure Fires,, etc.. If this was an EMS run and therefore not appropriate to check detectors please choose N/A.)	

Member Making Report (Captain CHRISTOPHER BUCHANON): _____

Incident Reviewer (Captain CHRISTOPHER BUCHANON): _____

**APPENDIX F -
REFERENCES**

References

U.S. Geological Survey, Bowling Green, KY, 2017 Topographic Quadrangle Map, Figure 1.

United States Department of Agriculture, 2020 Aerial Photograph, Figure 2.

Environmental Database Report obtained from ERIS, Appendix C.

**APPENDIX G -
QUALIFICATIONS / ENVIRONMENTAL PROFESSIONAL**



CREDENTIALS

- ◆ *B.S., Chemical Engineering with Biomedical Engineering Minor, The Pennsylvania State University, 2022*
- ◆ *OSHA 40HR HAZWOPER Training*
- ◆ *Method 9 Certified*

PROFESSIONAL EXPERIENCE

- ◆ **Consulting Engineer:** ALL4 LLC, Lexington, KY – July 2024 to Present
- ◆ **Project Engineer:** ALL4 LLC, Lexington, KY – July 2023 to June 2024
- ◆ **Staff Engineer:** ALL4 LLC, Lexington, KY – June 2022 to June 2023
- ◆ **Industrial Engineering Intern:** Carlisle Construction Materials, Carlisle, PA – May 2021 to April 2022

TECHNICAL EXPERTISE

- ✓ *Major/Minor Source Air Permitting*
- ✓ *National Pollutant Discharge Elimination System (NPDES) Permitting and Reporting*
- ✓ *Semi-annual and Annual Compliance Reporting*
- ✓ *Emissions Inventory Development*
- ✓ *Prevention of Significant Deterioration (PSD) Applicability Analysis*
- ✓ *New Source Review (NSR) applicability analyses and permitting*
- ✓ *Air Emissions Modeling via Emission Master*
- ✓ *Toxic Release Inventory (TRI) Development and Reporting*
- ✓ *Industrial Hygiene (IH) Sampling*
- ✓ *Stormwater Pollution Prevention Plan (SWPPP) Development*
- ✓ *Spill Prevention Control and Countermeasure (SPCC) Plan Development*
- ✓ *Emergency Planning and Community Right-to-Know Act (EPCRA) Tier II Reporting*
- ✓ *Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Reporting*
- ✓ *Stormwater and Groundwater Monitoring*
- ✓ *Multimedia Audits and Gap Evaluations for Environmental, Health, and Safety*
- ✓ *Environmental Remediation*

PROFESSIONAL OVERVIEW

Jason Moore is a Project Engineer at ALL4 where he started after obtaining a Bachelor of Science in Chemical Engineering from The Pennsylvania State University in May 2022. While at Penn State, Mr. Moore was an active member of the university's American Institute of Chemical Engineers (AIChE).

Prior to working at ALL4, Mr. Moore served as an Industrial Engineering Intern at Carlisle Construction Materials in their EPDM rubber plant. Mr. Moore's projects included drafting and editing standard operating procedures (SOPs), facilitating the idea generation process, conducting hazard rating number (HRN) and ergonomic audits, and completing continuous improvement projects to increase plant throughput and reduce scrap amounts.

Since joining ALL4, Mr. Moore has assisted with the preparation and development of emissions inventories, air construction permit applications, semi-annual compliance reporting, New Source Review (NSR) and Prevention of Significant Deterioration (PSD) permitting, Toxic Release Inventories (TRI), Tier II reports, Stormwater Pollution Prevention Plan (SWPPP) and Spill Prevention, Control, and Countermeasure (SPCC) plan preparation, and Emissions modeling via Emission Master. Mr. Moore has completed projects in the following industries: distilled spirits, portland cement, chemical manufacturing, hospitals, food and beverage, military munitions manufacturing, hazardous waste recycling, automotive parts manufacturing, automotive parts recycling, pulp and paper, and other miscellaneous manufacturing facilities.



DANIEL R. HARDIN MANAGING CONSULTANT

CREREDENTIALS

- ◆ M.E. Chemical Engineering / Certificate in Environmental Engineering, University of Louisville
- ◆ B.S. Chemical Engineering, University of Louisville
- ◆ Professional Engineer: Kentucky #30161
- ◆ OSHA 40-Hour Hazardous Waste Site Worker
- ◆ MSD Qualified Post-Construction Inspector #2022113

PROFESSIONAL EXPERIENCE

- ◆ **2020-Present:** ALL4 LLC, KY – Project Manager / Managing Consultant
- ◆ **2007-2020:** Smith Management Group, KY – Project Engineer
- ◆ **2004-2007:** Kentucky Dept of Env Protection, Division of Water - Permit Writer & Combined Sewer Overflow Coordinator

TECHNICAL EXPERTISE

- ✓ Environmental Compliance Auditing for Industrial and Manufacturing Facilities
- ✓ Wastewater and Stormwater Permitting
- ✓ Air Quality Permitting
- ✓ Solid Waste and RCRA Permitting
- ✓ Preparation and Revision of Spill Prevention, Control & Countermeasure Plans (SPCC) and Groundwater Protection Plans
- ✓ Develop Stormwater Pollution Prevention Plans (SWPPP) & Best Management Practices (BMP) Plans.
- ✓ Preparation of Hazardous Material Use and Spill Prevention Control Plans to comply with Regulations in Jefferson County, KY
- ✓ Air Emissions Inventory Reporting
- ✓ Analysis and Revision of Environmental Acceptability Demonstration to comply with Air Toxics Regulations of local Air Pollution Control District
- ✓ Greenhouse Gases Emissions Reporting
- ✓ SARA Title III EPCRA Section 312 Tier 2 Chemical Inventory & EPCRA Section 313 Toxic Release Inventory Reporting
- ✓ Environmental Compliance Audits for Industrial and Manufacturing Facilities
- ✓ Integrated Contingency Environmental and Facility Response Planning
- ✓ Compliance Audit Assistance of CAA 112 Risk Management Plan & Process Safety Management
- ✓ Operate and maintain pump-and-treat system to reduce chlorinated volatiles in groundwater
- ✓ Asset Inventory for Wastewater Systems
- ✓ NPDES Permit Development for Municipal Wastewater Treatment Plants
- ✓ Coordination of Compliance with Combined Sewer Overflow (CSO) Regulations: Assisted Division of Water with CSO Strategy for KY
- ✓ Provided Technical Direction to Division of Enforcement for Non-Compliance Cases

PROFESSIONAL OVERVIEW

Daniel Hardin has 15+ years of experience working with a variety of air quality, and stormwater / wastewater issues as an Environmental Engineer. He continues to apply his engineering abilities to numerous regulatory issues and media, participating in ALL4's permitting and engineering practice.

Dan has assisted industrial and manufacturing firms with facility audits to document compliance with federal, state, and local environmental regulations. He has developed air permit modifications, initial air permit applications, air quality compliance reports and Title V permit applications including potential-to-emit calculations to quantify air emissions and annual emissions inventories. He has also helped prepare EPCRA Section 312 Tier II chemical inventory reports and Section 313 Toxic Release Inventory reports, and has assisted facilities with solid waste permitting and compliance. Additionally, he has performed operational maintenance and continues to coordinate a dependable team to perform semiannual sampling of groundwater monitoring wells and maintain a continuous groundwater pump-and-treat system at a closed RCRA landfill in Ohio County, KY.



DANIEL R. HARDIN
PROJECT MANAGER

Dan has over a decade of experience as both a project engineer and manager of stormwater/wastewater projects and helping clients comply with Kentucky Division of Water (DOW) and Louisville & Jefferson County Metropolitan Sewer District regulations. He has participated in preparation of discharge permit modifications, initial discharge permit applications, and stormwater permits for construction projects. He has developed wastewater pretreatment strategies to help industries comply with local sewer regulations. He has performed post-construction inspections of installed treatment devices and basins for control of stormwater runoff. He has prepared asset inventories for development of initial asset management programs for municipal water/wastewater utilities. He has investigated sources of pollution, reviewed best management practices and developed remedial measures for clients to address state enforcement actions related to compliance with effluent discharge permit limits, and he continues to provide compliance solutions and reporting assistance for municipalities dealing with wet-weather related wastewater/stormwater issues.

Dan routinely assists with development and update of SPCC Plans required for bulk storage of oil products at manufacturing and industrial facilities such as cement plants, quarries, and paper mills. He reviews and updates best management practices plans, groundwater protection plans based on changes to facility operations, materials storage, or site topography. He has also helped with updating integrated contingency plans for major industrial facilities, incorporating SPCC and/or facility response planning, groundwater protection and stormwater management practices into one comprehensive and functional operating plan.

Dan's workload includes managing multiple teams of technical staff to meet client deadlines associated with preparation of and technical review of annual emissions inventory, annual and semi-annual permit compliance reports, Tier II and TRI reports since annual compliance is a constant service provided by the ALL4 team. Also, he helps coordinate environmental compliance audits on 3-yr to 5-yr cycles which cover multiple programs including but not limited to air, water, and waste management programs.

During his tenure with DOW, his responsibilities included permit writing for wastewater treatment plants throughout the Commonwealth of Kentucky. In addition, Dan coordinated compliance inspections and activities for municipal wastewater treatment plants with combined sewer systems. In the course of a significant enforcement effort by U.S. EPA, Dan became DOW's primary technical contributor to issues related to municipal combined sewer overflow and sanitary sewer overflow issues. Dan participated in the development of consent agreements between two KY cities (Louisville & Lexington) and EPA and DOW to plan corrective actions to be implemented over a 20-year timeline. He was also responsible for analysis of discharge monitoring reports and for developing permit limitations consistent with water quality regulations. Dan has significant experience with water modeling (e.g. Steady State Wasteload Allocation Model (SSTWAM)) to determine water quality criteria for stream segments at wastewater discharge points.

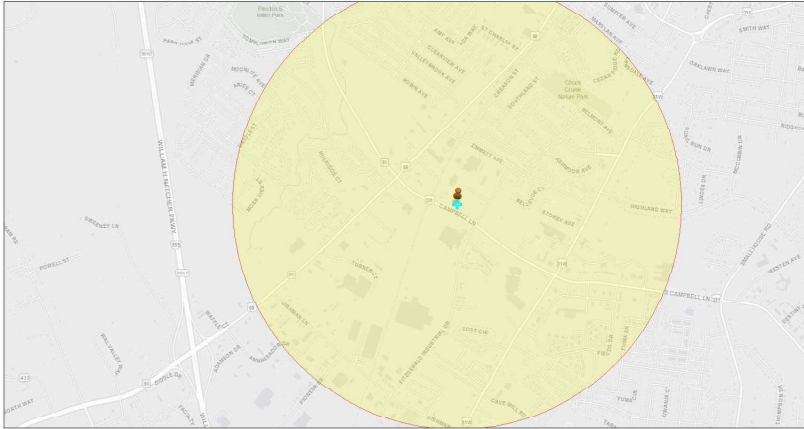
SOURCE DOCUMENTATION – STATUTORY CHECKLIST #14
ENVIRONMENTAL JUSTICE

EJScreen Community Report

This report provides environmental and socioeconomic information for user-defined areas, and combines that data into environmental justice and supplemental indexes.

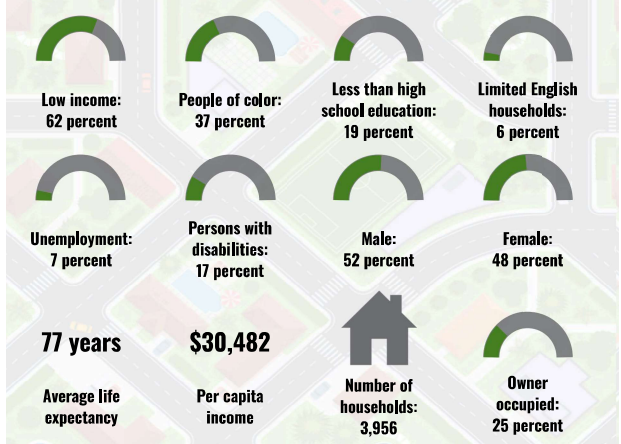
Bowling Green, KY

1 mile Ring Centered at 36.966785,-86.475828
 Population: 9,505
 Area in square miles: 3.14

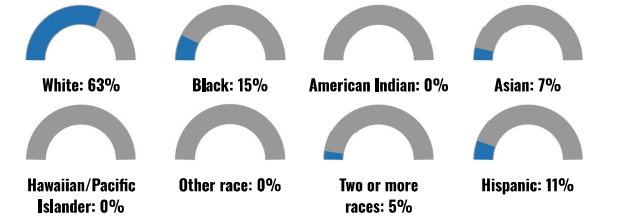


August 29, 2024
 Project 1
 Search Result (point)
 1:18,056
 0 0.17 0.35 0.7 mi
 0 0.28 0.55 1.1 km
 Esri, HERE, DeLorme, Swire, Esri, HERE, Garmin, GeoTechnologies, Inc., USGS, EPA

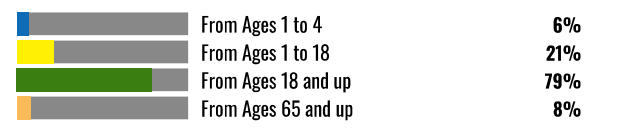
COMMUNITY INFORMATION



BREAKDOWN BY RACE



BREAKDOWN BY AGE



LIMITED ENGLISH SPEAKING BREAKDOWN



Notes: Numbers may not sum to totals due to rounding. Hispanic population can be of any race. Source: U.S. Census Bureau, American Community Survey (ACS) 2018-2022. Life expectancy data comes from the Centers for Disease Control.

LANGUAGES SPOKEN AT HOME

LANGUAGE	PERCENT
English	81%
Spanish	6%
Russian, Polish, or Other Slavic	3%
Other Indo-European	1%
Other Asian and Pacific Island	7%
Arabic	1%
Total Non-English	19%

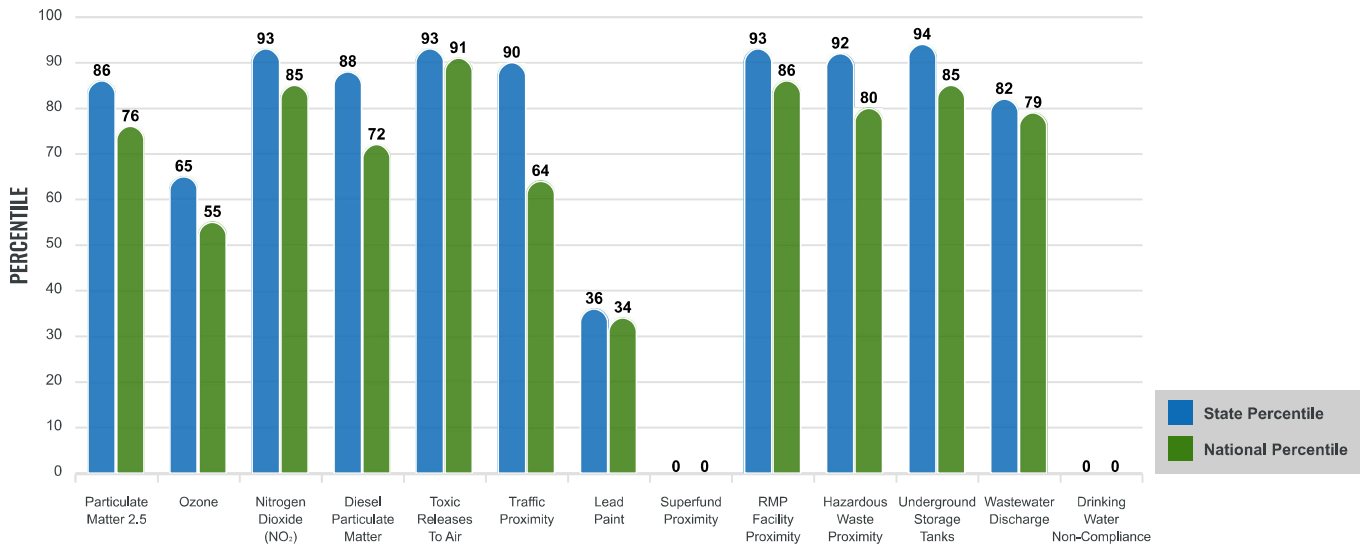
Environmental Justice & Supplemental Indexes

The environmental justice and supplemental indexes are a combination of environmental and socioeconomic information. There are thirteen EJ indexes and supplemental indexes in EJScreen reflecting the 13 environmental indicators. The indexes for a selected area are compared to those for all other locations in the state or nation. For more information and calculation details on the EJ and supplemental indexes, please visit the [EJScreen website](#).

EJ INDEXES

The EJ indexes help users screen for potential EJ concerns. To do this, the EJ index combines data on low income and people of color populations with a single environmental indicator.

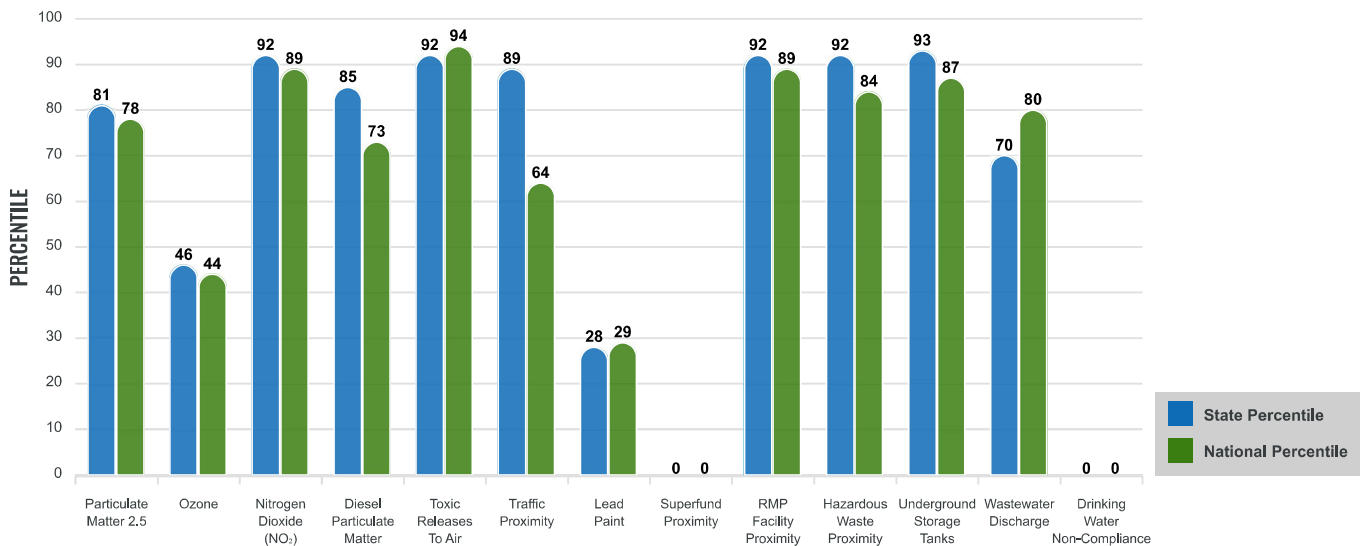
EJ INDEXES FOR THE SELECTED LOCATION



SUPPLEMENTAL INDEXES

The supplemental indexes offer a different perspective on community-level vulnerability. They combine data on percent low income, percent persons with disabilities, percent less than high school education, percent limited English speaking, and percent low life expectancy with a single environmental indicator.

SUPPLEMENTAL INDEXES FOR THE SELECTED LOCATION



Report for 1 mile Ring Centered at 36.966785,-86.475828

Report produced August 29, 2024 using EJScreen Version 2.3

EJScreen Environmental and Socioeconomic Indicators Data

SELECTED VARIABLES	VALUE	STATE AVERAGE	PERCENTILE IN STATE	USA AVERAGE	PERCENTILE IN USA
ENVIRONMENTAL BURDEN INDICATORS					
Particulate Matter 2.5 ($\mu\text{g}/\text{m}^3$)	8.27	8.25	52	8.45	54
Ozone (ppb)	55.7	58.9	27	61.8	26
Nitrogen Dioxide (NO_2) (ppbv)	10	7.1	86	7.8	76
Diesel Particulate Matter ($\mu\text{g}/\text{m}^3$)	0.151	0.133	63	0.191	47
Toxic Releases to Air (toxicity-weighted concentration)	6,100	7,500	80	4,600	88
Traffic Proximity (daily traffic count/distance to road)	490,000	530,000	70	1,700,000	39
Lead Paint (% Pre-1960 Housing)	0.08	0.24	29	0.3	32
Superfund Proximity (site count/km distance)	0	0.021	0	0.39	0
RMP Facility Proximity (facility count/km distance)	0.99	0.39	87	0.57	80
Hazardous Waste Proximity (facility count/km distance)	2.5	1.4	83	3.5	64
Underground Storage Tanks (count/ km^2)	3.6	1.1	91	3.6	73
Wastewater Discharge (toxicity-weighted concentration/m distance)	130	960	47	700000	57
Drinking Water Non-Compliance (points)	0	0.59	0	2.2	0
SOCIOECONOMIC INDICATORS					
Demographic Index USA	2.04	N/A	N/A	1.34	78
Supplemental Demographic Index USA	2.29	N/A	N/A	1.64	84
Demographic Index State	2.45	1.3	91	N/A	N/A
Supplemental Demographic Index State	2.21	1.69	78	N/A	N/A
People of Color	37%	16%	87	40%	56
Low Income	62%	37%	87	30%	90
Unemployment Rate	7%	6%	69	6%	69
Limited English Speaking Households	7%	1%	93	5%	79
Less Than High School Education	19%	13%	77	11%	81
Under Age 5	6%	6%	59	5%	61
Over Age 64	8%	18%	11	18%	17

*Diesel particulate matter index is from the EPA's Air Toxics Data Update, which is the Agency's ongoing, comprehensive evaluation of air toxics in the United States. This effort aims to prioritize air toxics, emission sources, and locations of interest for further study. It is important to remember that the air toxics data presented here provide broad estimates of health risks over geographic areas of the country, not definitive risks to specific individuals or locations. More information on the Air Toxics Data Update can be found at: <https://www.epa.gov/haps/air-toxics-data-update>.

Sites reporting to EPA within defined area:

Superfund	0
Hazardous Waste, Treatment, Storage, and Disposal Facilities	0
Water Dischargers	55
Air Pollution	1
Brownfields	0
Toxic Release Inventory	7

Other community features within defined area:

Schools	3
Hospitals	0
Places of Worship	0

Other environmental data:

Air Non-attainment	No
Impaired Waters	No

Selected location contains American Indian Reservation Lands*	No
Selected location contains a "Justice40 (CEJST)" disadvantaged community	Yes
Selected location contains an EPA IRA disadvantaged community	Yes

Report for 1 mile Ring Centered at 36.966785,-86.475828

Report produced August 29, 2024 using EJScreen Version 2.3

EJScreen Environmental and Socioeconomic Indicators Data

HEALTH INDICATORS

INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Low Life Expectancy	21%	22%	35	20%	67
Heart Disease	5	7	11	5.8	35
Asthma	12.3	11.6	75	10.3	90
Cancer	4.7	6.8	4	6.4	16
Persons with Disabilities	17.4%	18.6%	47	13.7%	76

CLIMATE INDICATORS

INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Flood Risk	16%	12%	80	12%	81
Wildfire Risk	0%	3%	0	14%	0

CRITICAL SERVICE GAPS

INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Broadband Internet	11%	15%	42	13%	55
Lack of Health Insurance	12%	6%	90	9%	75
Housing Burden	No	N/A	N/A	N/A	N/A
Transportation Access Burden	Yes	N/A	N/A	N/A	N/A
Food Desert	Yes	N/A	N/A	N/A	N/A

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