

**PHASE I ENVIRONMENTAL SITE ASSESSMENT
FOR THE
VROOMAN ROAD BRIDGE REPLACEMENT
LEROY AND PERRY TOWNSHIPS, LAKE COUNTY, OHIO**



PREPARED BY:

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FOR:

THE LAKE COUNTY ENGINEER
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JULY 22, 2008

Baker



OHIO DEPARTMENT OF TRANSPORTATION

DISTRICT 12, 5500 TRANSPORTATION BLVD. GARFIELD HEIGHTS, OHIO 44125-5396 (216) 581-2100

August 15, 2008

James R. Gills, P.E., P.S.
Lake County Engineer
550 Blackbrook Road
Painesville, Ohio 44077

**Re: LAK-Vrooman Road (PID 5669);
Phase II Environmental Site Assessment Authorization**

Dear Mr. Gills:

After reviewing the Phase I Environmental Site Assessment (ESA), the Ohio Department of Transportation's Office of Environmental Services has requested that Phase II ESA is required for the LAK-Vrooman Road Project. Please see the attached 8/11/08 IOC for Phase II ESA Sites. An ODOT pre-qualified environmental site assessment consultant will be required to perform Phase II Environmental Site Assessment for the two (2) locations listed on the attached IOC. Please submit **two (2)** copies of the survey to the District Environmental Office. An electronic copy is also required in Adobe Acrobat .PDF format.

If you have any questions, please contact me at (216) 584-2086 or Mark Carpenter at (216) 584-2089 or via e-mail: Tom.Sorge@dot.state.oh.us or Mark.Carpenter@dot.state.oh.us

Respectfully,

Thomas K Sorge Jr.
Environmental Specialist

DAS:MAC:TKS

encl: (as stated)

c: PID 5669
L. Ciborek Michael Baker & Assoc.



OHIO DEPARTMENT OF TRANSPORTATION INTER-OFFICE COMMUNICATION

Office of Environmental Services

TO: Bonnie Teeuwen, District 12 Deputy Director
Attn: Mark Alan Carpenter
DATE: August 11, 2008

FROM: *Timothy M. Hill*
Timothy M. Hill, Administrator, Office of Environmental Services

SUBJECT: Phase I Environmental Site Assessment

PROJECT: LAK – Vrooman Road **PID:** 5669

This office has reviewed the Phase I Environmental Site Assessment (ESA) for the above referenced project which was prepared by Michael Baker Jr., Inc.

Based on the information provided, we believe that a Phase II ESA is warranted for Northeast Auto Service at 2606 Madison Avenue, former Wickliffe Truss Manufacturing at 5188-5194 Lane Road, and the former Service Station at 5848 Vrooman Road. Once the preferred alternative is selected, a Phase II ESA Work Plan should be prepared only for the sites that will be impacted by projects

If you have any questions or concerns, please contact Craig Kerscher, Environmental Specialist, at (614) 752-2175.

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Reading file

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1.0 EXECUTIVE SUMMARY

Michael Baker Jr., Inc. (Baker) has completed a Phase I Environmental Site Assessment (ESA) for three properties of concern previously identified during a Phase I ESA Screening completed in July 2004 by TranSystems Corporation. The project consists of the replacement of the Vrooman Road Bridge over the Grand River in Lake County, Ohio. The purpose of this project is to alleviate the deficiencies along the roadway from Interstate 90 north to State Route 84. These problems include flooding, substandard curves and steep grades, retaining wall failure, and structural deficiencies of the existing bridge.

The project area is located in Leroy and Perry Townships, Lake County, Ohio (Figure 1), and is approximately 7,500 feet long and approximately 2,000 feet wide at the widest point near the northern project area (Figure 2). The width narrows to approximately 100 feet towards the southern project boundary. The project study area begins along State Route 84 (Riverside Drive/South Ridge Road). The southwestern boundary starts at the intersection of Madison Avenue and State Route 84 and travels to the northeast to the intersection of Lane Avenue and State Route 84. The project area continues to the south along Vrooman Road until ending just north of the Interstate 90 and Vrooman Road Interchange. Seeley Road extends to the east off of Vrooman Road approximately 1,200 feet to the south of the intersection of State Route 84 and Vrooman Road.

An Environmental Site Assessment Screening was completed in July 2004 by TranSystems Corporation and identified 3 properties that may contain potential environmental contamination. These parcels were advanced for a Phase I ESA and are identified below.

- Northeast Auto Service, located at 2606 Madison Avenue.
- Former Wickliffe Truss Manufacturing, located at 5188-5194 Lane Road.
- Former Service Station, located at 5848 Vrooman Road.

The Phase I ESA was performed in accordance with Ohio Department of Transportation (ODOT) Environmental Site Assessment Guidelines dated September 1, 1999. Activities conducted during this investigation included site reconnaissance, historic research, regulatory agency file reviews, and interviews with knowledgeable site personnel for each parcel. This report describes the research conducted to identify potential environmental concerns associated with each of the parcels of land needed for the proposed Vrooman Road bridge replacement.

Based on the findings of this Phase I ESA, additional follow-up investigation and/or coordination is recommended for the following properties:

- Northeast Auto Service (2606 Madison Avenue) is an auto repair facility and a former gasoline station located west of the intersection of State Route 84 and Madison Avenue. According to information in the Bureau of Underground Storage Tank Regulations (BUSTR) file, two 8,000-gallon and one 10,000-gallon

gasoline USTs were formerly located immediately east of the service building. One 550-gallon waste oil UST was formerly located west of the service building. The USTs and associated piping were removed in September 1995. Soil sampling was conducted and elevated levels of benzene were identified for one soil sample. It was determined that the petroleum impact is limited to the soils in the north-central portion of the site in the vicinity of the former dispensing island. Due to the absence of groundwater, no further work was warranted for the site. A “no further action” letter was issued for this site in July 1996. Current and historic activities at this facility have included the storage of petroleum products and other chemicals associated with auto repair. Based on the current and historic use of the property, a Phase II ESA is recommended for this property.

- Former Wickliffe Truss Manufacturing (5188-5194 Lane Road) is located northwest of the intersection of Lane Road and State Route 84. This facility is currently used for storage of miscellaneous materials. This facility has historically been occupied by industries including the Wickliffe Truss Company, American Building Components, American Millwork, American Pallet Company, and Lane Cycle Company since at least 1970. Miscellaneous debris piles were observed throughout the property. Information obtained from the BUSTR file reported a suspected release at the property in April 1992; however, the release was disproved. According to the property owner, there have never been any underground storage tanks at the property. The facility historically maintained two aboveground storage tanks; however, these were removed long ago. Two septic tanks are located west of the building at the property; however, according to the property owner, there have never been any problems associated with them. Based on the duration of property usage for light industrial purposes, a Phase II ESA is recommended for this property.
- Former Service Station (5848 Vrooman Road) is located at the northwest corner of the intersection of Vrooman Road and Interstate 90. The eastern portion of the site is currently vacant, while the western portion of the site appears to be occupied by an oil/gas well operation. This property was historically owned by Exxon. Baker was unable to confirm the presence of a gas station through interviews or regulatory reviews; however, information obtained from previous environmental investigations did confirm the presence of a service station. The gas station occupied the eastern portion of the site from approximately 1970 until 1994. This facility was not identified in the regulatory database report. Based on the historic ownership of the site by Exxon and lack of documentation regarding the removal of the underground storage tanks, a Phase II ESA is recommended for this property.

2.0 INTRODUCTION

2.1 Project Location

The project consists of the replacement of the Vrooman Road Bridge over the Grand River in Leroy and Perry Townships, in Lake County, Ohio. The purpose of this project is to alleviate the deficiencies along the roadway from Interstate 90 north to State Route 84. These problems include flooding, substandard curves and steep grades, retaining wall failure, and structural deficiencies of the existing bridge.

The project area is located in Leroy and Perry Townships, Lake County, Ohio and is approximately 7,500 feet long and approximately 2,000 feet wide at the widest point near the northern project area. The width narrows to approximately 100 feet towards the southern project boundary. The project study area begins along State Route 84 (Riverside Drive/South Ridge Road). The southwestern boundary starts at the intersection of Madison Avenue and State Route 84 and travels to the northeast to the intersection of Lane Avenue and State Route 84. The project area continues to the south along Vrooman Road until ending just north of the Interstate 90 and Vrooman Road Interchange. Seeley Road extends to the east off of Vrooman Road approximately 1,200 feet to the south of the intersection of State Route 84 and Vrooman Road. A project location map is included as Figure 1 in Appendix A.

The adjoining properties within the study area are primarily residential, commercial, and recreational. Minimal commercial establishments are situated along the north portion of the project area along Ridge Road between Madison Avenue and Lane Road. Residential properties are situated along Vrooman Road, south of the Grand River and along Ridge Road through the entire project area. Mason's Landing Park is located adjacent to the existing Vrooman Road bridge and along the banks of the Grand River. In addition, Lake County Metroparks owns the property east of Vrooman Road from the Grand River south to Interstate 90. According to the topographic map, the study area along Vrooman Road ranges from an elevation of approximately 630 feet above mean sea level (MSL) at the Grand River to approximately 830 feet above mean sea level at the southern portion of the project area at Interstate 90. From Interstate 90 to the Grand River along Vrooman Road, the topography generally slopes to the north.

2.2 Scope of Improvement

The project consists of the replacement of the Vrooman Road Bridge over the Grand River in Leroy and Perry Townships, in Lake County, Ohio. Two alternatives for the bridge replacement have been developed, along with the No Build option. Figure 2 in Appendix A details the proposed alternatives. The alternatives are described below:

- Alternative A – Madison Avenue Alternative – Alternative A involves replacing the existing bridge with a high-level bridge, spanning the Grand River and tying

into Madison Avenue. This alternative would alleviate the deficiencies at the current intersection.

- Alternative B – Lane Road Alternative – Alternative B involves replacing the existing bridge with a high level bridge, spanning the Grand River and tying into Lane Road at State Route 84. This alternative also realigns River Road to tie into State Route 84 east of the intersection with Lane Road and Vrooman Road.
- No Build Alternative – The no build alternative would involve routine maintenance, leaving the road in its current condition.

2.3 Previous Environmental Investigations

Baker reviewed an Environmental Site Assessment Screening report prepared by TranSystems Corporation in July 2004. This report identified properties of concern within the project area. Phase I Environmental Site Assessments were recommended for three properties identified in the ESA Screening report. The properties were identified as:

1. Northeast Auto Service Facility – 2606 Madison Road
2. Former Lane Auto Sales and Wickliffe Truss Manufacturing Facility 5188-5194 Lane Road
3. Former service station – 5848 Vrooman Road

Additionally, Baker reviewed a Phase I Environmental Site Assessment report prepared by HzW Environmental Consultants, Inc. in January 1991. This report recommended a Phase II Environmental Site Assessment for the Former Exxon gasoline service station located at 5848 Vrooman Road. At the time of the Phase I ESA, the property was occupied by a one-story building with two service bays. A concrete pad which formerly contained two pump islands was located approximately 50 feet west of the existing right-of-way. Three vent pipes were located near the southwest corner of the building. No permit or tank registration information was on-file for the property.

A Phase II Environmental Site Assessment was completed for the Former Exxon gasoline service station by HzW Environmental Consultants, Inc. in December 1992. Two borings were installed along the western edge of the proposed right-of-way with soil samples collected at two foot intervals to a terminal depth of ten feet. The one sample from each boring exhibiting the highest concentration of volatile organic compounds was analyzed for volatile organic compounds via EPA Method 8010/8020, semi-volatile organic compounds via EPA Method 8270, total lead by EPA Method 7420, and total petroleum hydrocarbons via EPA Method 418.1/9071. Analytical data from Boring B installed in the proposed right-of-way adjacent to the former service station indicated the presence of TPH in excess of the Bureau of Underground Storage Tank Regulations (BUSTR) regulatory standards.

A letter dated March 23, 1993 was sent from HzW to ODOT to clarify the TPH concentration identified in the Phase II ESA. In March 1993, correspondence between ODOT's Bureau of Environmental Services (BES) and HzW regarding the concentration of TPH in the single soil sample had taken place. ODOT's concern was that the TPH concentration was related to asphalt contamination, since the sample analyzed (0-2 feet) was near the surface beneath the paved asphalt driveway. During the latter part of 1992, BUSTR implemented a regulatory scoring system to determine specific action levels for TPH and other petroleum constituents in soils. ODOT requested that HzW re-evaluate the site under BUSTR's new scoring system. Based on the new scoring system, the former Exxon station scored 65 points which places the site within Category 3 of BUSTR's regulatory action levels. No action is required in this category unless TPH concentrations exceed 450 mg/kg.

An inter-office communication from ODOT dated May 12, 1993 indicated that no further environmental site assessment was necessary for the Former Exxon gasoline station parcel.

3.0 GEOGRAPHICAL/GEOLOGICAL SETTING MAPPING

3.1 Topographic Mapping

The United States Geological Society (USGS) topographic map of Painesville, Ohio dated 1994 was reviewed for the existence of potentially environmentally sensitive areas. The general slope of the topography in the project area is towards the Grand River. The northern portion of the project area slopes to the south and is approximately 750 above mean sea level. The southern portion of the project area is approximately 800 feet above mean sea level and slopes to the north. The Grand River is located at an elevation of approximately 630 feet above mean sea level at the center of the project area. A copy of the USGS map is included as Figure 3 in Appendix A.

3.2 Natural Resources Mapping

According to the Physiographic Regions of Ohio Map (Ohio Department of Natural Resources, 1998), the project area is located within the Erie Lake Plain region. The Erie Lake Plain region is characterized as the edge of very low relief ice-age lake basin separated from modern Lake Erie by shoreline cliffs. Major streams are located in deep gorges at elevations between 570 feet to 800 feet. Geology of the area consists of Pleistocene-age lacustrine sand, silt, clay and wave-planed till over Devonian and Mississippian age shales and sandstones.

According to the Groundwater Resources Map of Lake County, Ohio, the project area lies within an area where water wells typically yield less than 3 gallons of water per minute. The northern portion of the project area (north of the Grand River) is made up of very shallow permeable silt, fine sand, and sand with some gravel overlying thick clay or shale with yields less than 2 gallons per minute. The southern portion of the project area (south of the Grand River) consists on non-water bearing glacial deposits of clay overlying shale or shaly sandstones.

The Lake County Soil Survey was reviewed to determine soil types located in the project area. According to the General Soil Map for Lake County, Ohio, soils located north of the Grand River in the project area consist of the Conneaut-Painesville Association. These soils consist of nearly level and gently sloping soils that formed in silty glacial till on the lake plain. Soils located immediately adjacent to the Grand River consist of the Tioga-Euclid-Orrville Association. These soils are nearly level, well-drained soils that formed in alluvial deposits on the flood plains. Soils located south of the Grand River in the project area consist of the Darien-Mahoning Association. These soils are nearly level, poorly drained soils that formed in silty or loamy glacial till on the till plains. Specific soil types identified throughout the project area include: Gosport silty clay loam (GoF), Tioga loam (Tg), Darien silt loam (DaB), Glenford silt loam (GfB), Platea silt loam (PsB), and Pierpont silt loam (PeC2).

3.3 Preliminary Project Mapping

Base Project Mapping for the study area was reviewed as part of this project. No obvious environmental concerns were identified in the immediate vicinity of the project area.

3.4 Regulatory Database Review

Due to the duration of time between the previous TranSystems Corporation Environmental Site Assessment Screening Report dated July 2004 and the current investigation, Baker conducted an updated regulatory database review. Information maintained by regulatory agencies was reviewed to identify potential environmental concerns that may affect the project area. The regulatory database review conducted by EDR is provided in Appendix B. The database search meets the government records search requirements of the American Society for Testing and Materials' (ASTM) Standard Practice for Environmental Site Assessments, E 1527-05 and those of the ODOT guidelines. Sources included the following: USEPA; regional EPA; Ohio EPA; USDOT; and the Ohio Department of Commerce. Specifically, Baker reviewed the database report for the three facilities being studied in this Phase I ESA.

The Northeast Auto Facility (identified as Cumberland Gulf in the regulatory database report) was listed as a Leaking Underground Storage Tank as well as an Underground Storage Tank facility in the database. This facility has been issued a "no further action" status with the USTs removed from the facility. A file review was conducted for this facility and is included in Section 4.2.

An abandoned industrial warehouse located at 5194 Lane Road was listed as a LUST and UST facility in the database. The release reported for this facility was disproved. A file review was conducted for this facility and is included in Section 5.2.

4.0 NORTHEAST AUTO SERVICE PROPERTY REVIEW

A site visit of the Northeast Auto Service facility located at 2606 Madison Avenue was conducted on March 24, 2008. This facility is located west of the intersection of State Route 84 (Madison Avenue) and Vrooman Road. This facility is currently an auto repair facility. Potential right-of-way may need to be acquired from portions of this property, should the Madison Avenue Alternative be chosen as the preferred alternative. The facility abuts the existing State Route 84 right-of-way on the north side. The facility currently maintains one 1,000-gallon used oil aboveground storage tank.

4.1 Parcel History

Baker attempted to review historic Sanborn Maps at the Painesville Public Library in Painesville, Ohio. Sanborn Map coverage was not available for the project area. Baker was able to review the Haines City Directories for Lake County at the Painesville Public Library. City Directories for the years 1973 through 2006 were reviewed. The property address, 2606 Madison Avenue was listed as 2606 Riverside Drive in the directories reviewed. The site was identified as Carl's Gulf Station in the 1973 through 1977 directories. The site was identified as Glenn's Gulf Station in the 1982 through 1987 directories. The site was vacant in the 1992 directory. The 1997 directory identified the site as Imperial Auto Service. The 2001 directory identified the site as Country Market, and the 2006 directory identified the site as the Northeast Automotive Service Center. Historic ownership of this property by several gas station entities is considered a potential environmental concern for the property.

Historic aerial photography providing coverage of the study area was obtained from the Lake County Soil and Water Conservation District in Painesville, Ohio. Aerial photography of the study area was reviewed for the years 1937, 1951, 1959, 1973, 1978, 1991, and 1994. The 1937, 1951, and 1959 aerial photograph depicts the Northeast Auto Service property as part of an undeveloped agricultural field. Adjacent properties to the north and west appear undeveloped as well. Residential properties are depicted east and south of the property along State Route 84. The 1973, 1978, 1991, and 1994 aerial photographs depict the Northeast Auto Service property developed with what appears to be a gas station facility. Additional residential development has occurred to the north, east and southwest of the property. Copies of the aerial photographs are included in Appendix C.

Baker reviewed property tax maps for the Northeast Auto Service property. According to the tax map the site has been owned by Tremarco Corp in 1956. Cumberland Farms, Inc. purchased the property in 1986. Scott Morin purchased the property in 1995, and Alan Dynes purchased the property in 1999. A copy of the tax map is included in Appendix D.

4.2 Regulatory Records Review

Baker requested regulatory records regarding this facility's Leaking Underground Storage Tank (LUST) and Underground Storage Tank (UST) listings from the Bureau of Underground Storage Tank Regulations regarding a LUST incident reported for this

facility. According to information in the Bureau of Underground Storage Tank Regulations (BUSTR) file, two 8,000-gallon and one 10,000-gallon gasoline USTs were formerly located immediately east of the service building. One 550-gallon waste oil UST was formerly located west of the service building. The USTs and associated piping were removed in September 1995. Soil sampling was conducted and elevated levels of benzene were identified for one soil sample. It was determined that the petroleum impact is limited to the soils in the north-central portion of the site in the vicinity of the former dispensing island. Due to the absence of groundwater, no further work was warranted for the site. A “no further action” letter was issued for this site in July 1996. Regulatory file review documentation is included in Appendix D.

4.3 Interviews

Baker interviewed Mr. Alan Dynes, property owner of 2606 Madison Avenue on April 29, 2008. Mr. Dynes has owned the property since November 2000. Mr. Dynes leases the property to Mr. Bob Gardner who operates the Northeast Auto Service Center. According to Mr. Dynes, the USTs were removed from the property by Cumberland Farms prior to his purchase in 2000. Cumberland Farms provided the “No Further Action” letter for the property to Mr. Dynes upon his purchase. Mr. Dynes indicated that sewer and water service were provided to the property after he purchased it. Mr. Dynes also installed an approximately 5,000-gallon grease trap adjacent to the west of the building. Mr. Dynes was not aware of any environmental concerns associated with the property.

Baker interviewed Mr. Bob Gardner, operator of the Northeast Auto Service Center to determine current operations at the facility. According to Mr. Gardner, several 20 to 55-gallon containers of miscellaneous auto service chemicals (i.e. antifreeze, brake cleaner, gear lube, motor oil, transmission fluid, coolant, and grease) are stored on-site. In addition, a 1,000-gallon used oil tank is located outside the building along with a 275-gallon tote of antifreeze. The used oil is reused on-site for heating purposes. Northeast Auto Service maintains one parts washer which is serviced every other month by Quick Clean. Mr. Gardner had no information regarding historic USTs at the site.

Baker requested information regarding any emergency responses, violations, chemical spills, and hazardous materials information from the Perry Township Fire Department. According to Captain Michael King, Northeast Auto Service currently has four underground storage tanks registered for the property. Two of these tanks were installed in 1989. The fire department also has record of a leak in a storage tank that was reported in May 1993. Captain King was not aware of any additional emergency responses for this facility.

4.4 Parcel Reconnaissance

Baker conducted a site visit of the Northeast Auto Service facility on March 24, 2008. Baker observed one 1,000-gallon used oil aboveground storage tank located immediately adjacent to the west of the building. Baker also observed one 275-gallon tote and several miscellaneous containers ranging in size from 5 to 30-gallons of automotive chemicals

along the western edge of the building. Evidence of spillage was observed near these containers. No evidence of current underground storage tanks was observed during the site visit; however, patched concrete, indicative of historic USTs was observed on the eastern portion of the property. No evidence of current on-site monitoring wells was observed on the property. A site plan and photographs for the Northeast Auto Service property are included in Appendix D.

4.5 Proposed Right-of-Way and Construction Activities

Proposed right-of-way acquisition and construction activities for the Northeast Auto Service property are not known at this time. However, it is anticipated that any construction or right-of-way acquisition would be immediately adjacent to the existing Madison Avenue and State Route 84 right-of-ways.

4.6 Conclusions and Recommendations

Based on the parcel reconnaissance, historic reviews, regulatory reviews, and interviews conducted for the Northeast Auto Service property, additional investigation of this property is warranted. Current and historic activities at this facility have included the storage and use of petroleum products. Based on this usage, a Phase II ESA is recommended for this property. Specifically, Phase II ESA work should involve the following protocol:

- Prior to initiation of the Phase II ESA a site specific health and safety plan should be prepared. In addition, a location for temporary storage of drilling supplies and investigation derived waste drums will need to be identified.
- Utility clearance activities will need to be performed using the Ohio Utility Protection Service, information from the property owners, surface geophysical methods and/or vacuum excavation services.
- Four (4) soil borings should be drilled using direct push technology to a terminal soil boring depth of 16' or until probe refusal, whichever is shallower.
- One (1) additional soil boring should be drilled approximately five feet below the water table, until probe refusal, or to a maximum depth of 40 feet (whichever is shallower).
- Continuous soil samples should be collected at four-foot intervals from the five borings using Geoprobe's closed piston Macrocore sampling device. The soil samples should be logged by a qualified geologist.
- The soil samples should be field screened with a photoionization detector (PID) at one-foot intervals. Small holes should be drilled through the sampling tubes to facilitate collection of the PID readings with minimal disturbance to the soil samples.

- Two samples should be selected for soil testing including: one shallow sample (within the upper three feet of the ground surface), and a second sample based on the PID readings, staining or other observations (with a default depth in the range of 12 to 16 feet below the ground surface if no staining and/or PID readings are observed).
- One groundwater grab sample should be collected (if groundwater is encountered) near the top of the uppermost aquifer. The sample should be collected using a Geoprobe groundwater sampler.
- Non-disposable sampling equipment should be decontaminated between samples with a soapy water wash, tap water rinse and a final distilled water rinse.
- Laboratory analyses of the soil and groundwater samples should include: the target compound list volatile organic compounds (VOCs) by Method 8260B, polynuclear aromatic hydrocarbons (PAHs) by Method 8310, lead by Method 6010, and Total Petroleum Hydrocarbons (TPH) by Method 8015B (with a break down between C10-C20 and C20-C34).
- QA/QC samples should include one duplicate sample and one trip blank (if a groundwater sample is collected).
- The borings should be backfilled with cement bentonite grout, granular bentonite and/or bentonite chips. Any damage to pavement must be repaired with dry patch or other appropriate materials.
- Excess soil cuttings and decontamination water should be containerized and appropriately disposed. This may require additional sampling for waste characterization parameters, based on the requirements of the facility identified to receive the waste.
- The sample results should be compared to the BUSTR UST Closure requirements and Voluntary Action Program (VAP) requirements to determine if any additional investigation, remedial actions or special health and safety precautions may be warranted prior to or during construction.

5.0 FORMER WICKLIFFE TRUSS COMPANY PROPERTY REVIEW

A site visit of the Former Wickliffe Truss Company located at 5188-5194 Lane Road was conducted on March 20, 2008. This facility is located northwest of the intersection of State Route 84 and Lane Road. This facility is currently used for storage of miscellaneous equipment. This facility has historically been occupied by industries including the Wickliffe Truss Company, American Building Components, American Millwork, American Pallet Company, and Lane Cycle Company since at least 1970. Potential right-of-way may need to be acquired from the eastern portion of this property adjacent to the Lane Road right-of-way. A site plan and photographs of the Former Wickliffe Truss Company property are included in Appendix E.

5.1 Parcel History

Baker attempted to review historic Sanborn Maps at the Painesville Public Library in Painesville, Ohio. Sanborn Map coverage was not available for the project area. Baker was able to review the Haines City Directories for Lake County at the Painesville Public Library. City Directories for the years 1973 through 2006 were reviewed. The property address (5188/5194 Lane Road) was identified as American Building Components, American Millwork, American Pallet Company, and Wickliffe Truss Company in the 1973 directory. The site was identified as the Wickliffe Truss Company and Lane Cycle Company in the 1977 through 1982 directories. The 1987 directory identified the site as the Wickliffe Truss Company. The 1992 Directory identified the site as the Wickliffe Truss Company and Swiss Haus. The 1997 through 2006 directories identified the site as the Wickliffe Truss Company as well as Input Systems, and Chris Weiss in the 2001 directory. Historic ownership of this property by several industrial entities is considered a potential environmental concern for the property.

Historic aerial photography providing coverage of the study area was obtained from the Lake County Soil and Water Conservation District in Painesville, Ohio. Aerial photography of the study area was reviewed for the years 1937, 1951, 1959, 1973, 1978, 1991, and 1994. The 1937, 1951, and 1959 aerial photograph depicts the former Wickliffe Truss Company property as part of an undeveloped agricultural field. Adjacent properties to the north, south, and west appear undeveloped as well. Lane Road is located adjacent to the east of the site followed by a cemetery. The 1973, 1978, 1991, and 1994 aerial photographs depict the Wickliffe Truss Company property developed with what appears to be two industrial buildings. A pond has been created west of the building. Additional residential development has occurred to the north and southeast of the property. Copies of the aerial photographs are included in Appendix C.

Baker reviewed property tax maps for the former Wickliffe Truss Company. According to the tax map the site has previously been owned by William E. Fox, M & F Investors Inc., Lesser Development Corp, and John C. Coyne, prior to Chris Weiss' acquisition of the property in 1968. A copy of the tax map is included in Appendix E.

5.2 Regulatory Records Review

Baker requested regulatory records regarding this facility's Leaking Underground Storage Tank (LUST) listing from the Bureau of Underground Storage Tank Regulations regarding a LUST incident reported for this facility. Information obtained from the BUSTR file reported a suspected release at the property in April 1992; however, the release was disproved. According information obtained by BUSTR from the property owner, there have never been any underground storage tanks at the property. The facility historically maintained two aboveground storage tanks; however, these were removed long ago. Regulatory file review documentation is included in Appendix E.

5.3 Interviews

Baker conducted a telephone interview with Mr. Chris Weiss, property owner of the former Wickliffe Truss Manufacturing Facility. Mr. Weiss has owned the property since 1967. Currently the property is used mainly for storage; however, the property historically manufactured pre-engineered roofing systems from approximately 1962 until 1995. The property also was occupied by several machine shops during that time. According to Mr. Weiss, there have never been any underground storage tanks on-site. One aboveground storage tank is on-site for furnace oil. Mr. Weiss indicated that an incident identified by the Perry Township Fire Department pertained to the unauthorized open burning of brush located on the property. Mr. Weiss was not aware of any hazardous materials used or stored on-site.

Baker requested information regarding any emergency responses, violations, chemical spills, and hazardous materials information from the Perry Township Fire Department. According to Captain Michael King, the former Wickliffe Truss Company has no records of any underground storage tanks. There have been several emergency responses to 5194 Lane Road since 2005. There has been an unauthorized opening burning incident in 2005, a vehicle fire in 2005, and a trash fire in 2006. Captain King was not aware of any additional emergency responses for this facility.

5.4 Parcel Reconnaissance

Baker conducted a site visit of the former Wickliffe Truss Company property on March 20, 2008. No evidence of surface contamination, distressed vegetation, USTs, suspected buried waste, surface lagoons, or other features indicative of hazardous material handling storage or disposal was observed on the exterior portions of the site. Miscellaneous debris piles were observed on the northern portion of the property, as well as several abandoned vehicles. A pond was observed west of the two on-site buildings. Portions of the property located immediately adjacent to Lane Road were observed to be either landscaped or part of the gravel parking area. It should be noted that visual observations of portions of the property were obscured due to the presence of approximately 4 inches of snow.

5.5 Proposed Right-of-Way and Construction Activities

Proposed right-of-way acquisition and construction activities for the Wickliffe Truss Company property are not known at this time. However, it is anticipated that any construction or right-of-way acquisition would be immediately adjacent to the existing Lane Road right-of-way with no building takes.

5.6 Conclusions and Recommendations

Based on the parcel reconnaissance, historic reviews, regulatory reviews, and interviews conducted for the Wickliffe Truss Company property, additional investigation of this property is warranted. Historic activities at this facility have included industrial operations for approximately 30 years. In addition, miscellaneous debris piles and abandoned vehicles on-site indicate poor housekeeping practices at the property. Based on the long duration of property usage for light industrial purposes, a Phase II ESA is recommended for this property. Specifically, Phase II ESA work should involve the following protocol:

- Prior to initiation of the Phase II ESA a site specific health and safety plan should be prepared. In addition, a location for temporary storage of drilling supplies and investigation derived waste drums will need to be identified.
- Utility clearance activities will need to be performed using the Ohio Utility Protection Service, information from the property owners, surface geophysical methods and/or vacuum excavation services.
- Two (2) soil borings should be drilled using direct push technology to a terminal soil boring depth of 16' or until probe refusal, whichever is shallower.
- One (1) additional soil boring should be drilled approximately five feet below the water table, until probe refusal, or to a maximum depth of 40 feet (whichever is shallower).
- Continuous soil samples should be collected at four-foot intervals from the three borings using Geoprobe's closed piston Macrocore sampling device. The soil samples should be logged by a qualified geologist.
- The soil samples should be field screened with a photoionization detector (PID) at one-foot intervals. Small holes should be drilled through the sampling tubes to facilitate collection of the PID readings with minimal disturbance to the soil samples.
- Two samples should be selected for soil testing including: one shallow sample (within the upper three feet of the ground surface), and a second sample based on the PID readings, staining or other observations (with a default depth in the range

of 12 to 16 feet below the ground surface if no staining and/or PID readings are observed).

- One groundwater grab sample should be collected (if groundwater is encountered) near the top of the uppermost aquifer. The sample should be collected using a Geoprobe groundwater sampler.
- Non-disposable sampling equipment should be decontaminated between samples with a soapy water wash, tap water rinse and a final distilled water rinse.
- Laboratory analyses of the soil and groundwater samples should include: the target compound list volatile organic compounds (VOCs) by Method 8260B, polynuclear aromatic hydrocarbons (PAHs) by Method 8310, lead by Method 6010, and Total Petroleum Hydrocarbons (TPH) by Method 8015B (with a break down between C10-C20 and C20-C34).
- QA/QC samples should include one duplicate sample and one trip blank (if a groundwater sample is collected).
- The borings should be backfilled with cement bentonite grout, granular bentonite and/or bentonite chips. Any damage to pavement must be repaired with dry patch or other appropriate materials.
- Excess soil cuttings and decontamination water should be containerized and appropriately disposed. This may require additional sampling for waste characterization parameters, based on the requirements of the facility identified to receive the waste.
- The sample results should be compared to the Voluntary Action Program (VAP) requirements to determine if any additional investigation, remedial actions or special health and safety precautions may be warranted prior to or during construction.

6.0 FORMER SERVICE STATION PROPERTY REVIEW

A site visit of the former service station located at the northwest corner of the intersection of Vrooman Road and Interstate 90 (5848 Vrooman Road) was conducted on March 19, 2008. The easternmost portion of this facility located adjacent to Vrooman Road is currently vacant. The western portion of this facility appears to be developed with a natural gas production facility. Miscellaneous drilling equipment as well as several aboveground storage tanks was observed on the western portion of the property. Potential right-of-way may need to be acquired from the eastern portion of this property adjacent to the Vrooman Road right-of-way. No evidence of hazardous materials storage or mismanagement was observed near the Vrooman Road right-of-way. A Site Plan and photographs of the former service station property are included in Appendix F.

6.1 Parcel History

Baker attempted to review historic Sanborn Maps at the Painesville Public Library in Painesville, Ohio. Sanborn Map coverage was not available for the project area. Baker was able to review the Haines City Directories for Lake County at the Painesville Public Library. City Directories for the years 1973 through 2006 were reviewed. The property address (5848 Vrooman Road) was not identified in any of the city directories reviewed.

Historic aerial photography providing coverage of the study area was obtained from the Lake County Soil and Water Conservation District in Painesville, Ohio. Aerial photography of the study area was reviewed for the years 1937, 1951, 1959, 1973, 1978, 1991, and 1994. The 1937, 1951, and 1959 aerial photograph depicts the former service station property as part of an undeveloped agricultural field. Adjacent properties in all directions appear to be agricultural. The 1959 aerial photograph shows Interstate 90 being constructed to the south of the property. The 1973 aerial photo depicts the eastern portion of the property developed with a building. Exact use of the site cannot be determined. Adjacent properties to the north, east, and west appear unchanged from the 1959 aerial photograph. Interstate 90 has been completed south of the site. The 1978, 1991, and 1994 aerial photographs depict the site and adjacent properties unchanged from the 1973 photograph. The eastern portion of the property appears to be developed with a building. Copies of the aerial photographs are included in Appendix C.

Baker reviewed property tax maps for the former service station property. According to the tax map the site has previously been owned by Exxon Corp from 1970 until 1980. In 1980 the site was acquired by Victor Hugo Bouse who sold it to Grand River Properties in 1984. The property was acquired by Vrooman Road Development Ltd in 1997. Historic ownership of this property by an oil company is considered a potential environmental concern for the property. A copy of the tax map is included in Appendix F.

6.2 Regulatory Records Review

This facility was not identified in any of the regulatory databases reviewed during the ESA Screening or during the updated regulatory database review; therefore, additional regulatory records review was not conducted.

6.3 Interviews

Baker attempted to conduct a telephone interview with Mr. Richard Osborne, owner of 5848 Vrooman Road. However, Mr. Osborne was unwilling to provide any pertinent information regarding current and historic uses of the facility.

Baker requested information regarding any emergency responses, violations, chemical spills, and hazardous materials information from the Leroy Township Fire Department. According to Chief Huffman, no records of any emergency responses or hazardous chemical spills were on file for 5848 Vrooman Road. He was not aware of any operations at the site in the last 10 years. He did note that the property may have been occupied by a gas station in the past.

6.4 Parcel Reconnaissance

Baker conducted a site visit of the former service station property on March 19, 2008. No evidence of surface contamination, distressed vegetation, USTs, ASTs, suspected buried waste, drums, surface lagoons, or other features indicative of hazardous material handling storage or disposal was observed on the site. No buildings were located adjacent to the right-of-way; however, a concrete disturbed area was observed in the area where the former dispenser islands may have been located adjacent to Vrooman Road. A building was observed approximately 500 feet west of Vrooman Road. Several aboveground storage tanks were associated with this building. Additionally, Baker observed several dewatering tanks and a roll-off dumpster near the central portion of the property. All visual observations were made from the Vrooman Road right-of-way, as requested by the owner.

6.5 Proposed Right-of-Way and Construction Activities

Proposed right-of-way acquisition and construction activities for the former service station property are not known at this time. However, it is anticipated that any construction or right-of-way acquisition would be immediately adjacent to the existing Vrooman Road right-of-way with no building takes.

6.6 Conclusions and Recommendations

Historic activities at this facility have included a gas station. Based on the parcel reconnaissance, the historic ownership of the property by Exxon, as well as a disturbed area adjacent to the right-of-way (consistent with aerial photos depicting a building), a Phase II ESA is recommended for this property. Specifically, Phase II ESA work should involve the following protocol:

- Prior to initiation of the Phase II ESA a site specific health and safety plan should be prepared. In addition, a location for temporary storage of drilling supplies and investigation derived waste drums will need to be identified.
- Utility clearance activities will need to be performed using the Ohio Utility Protection Service, information from the property owners, surface geophysical methods and/or vacuum excavation services.
- Two (2) soil borings should be drilled using direct push technology to a terminal soil boring depth of 16' or until probe refusal, whichever is shallower.
- One (1) additional soil boring should be drilled approximately five feet below the water table, until probe refusal, or to a maximum depth of 40 feet (whichever is shallower).
- Continuous soil samples should be collected at four-foot intervals from the three borings using Geoprobe's closed piston Macrocore sampling device. The soil samples should be logged by a qualified geologist.
- The soil samples should be field screened with a photoionization detector (PID) at one-foot intervals. Small holes should be drilled through the sampling tubes to facilitate collection of the PID readings with minimal disturbance to the soil samples.
- Two samples should be selected for soil testing including: one shallow sample (within the upper three feet of the ground surface), and a second sample based on the PID readings, staining or other observations (with a default depth in the range of 12 to 16 feet below the ground surface if no staining and/or PID readings are observed).
- One groundwater grab sample should be collected (if groundwater is encountered) near the top of the uppermost aquifer. The sample should be collected using a Geoprobe groundwater sampler.
- Non-disposable sampling equipment should be decontaminated between samples with a soapy water wash, tap water rinse and a final distilled water rinse.
- Laboratory analyses of the soil and groundwater samples should include: the target compound list volatile organic compounds (VOCs) by Method 8260B, polynuclear aromatic hydrocarbons (PAHs) by Method 8310, lead by Method 6010, and Total Petroleum Hydrocarbons (TPH) by Method 8015B (with a break down between C10-C20 and C20-C34).

- QA/QC samples should include one duplicate sample and one trip blank (if a groundwater sample is collected).
- The borings should be backfilled with cement bentonite grout, granular bentonite and/or bentonite chips. Any damage to pavement must be repaired with dry patch or other appropriate materials.
- Excess soil cuttings and decontamination water should be containerized and appropriately disposed. This may require additional sampling for waste characterization parameters, based on the requirements of the facility identified to receive the waste.
- The sample results should be compared to the BUSTR and Voluntary Action Program (VAP) requirements to determine if any additional investigation, remedial actions or special health and safety precautions may be warranted prior to or during construction.

7.0 REFERENCES

The Bureau of Underground Storage Tank Regulations (BUSTR) web site
<https://www.com.state.oh.us/odoc/sfm/bustr/PublicInquiryResults.asp>

Environmental Data Resources, Inc. March 19, 2008. The EDR-DataMap Area Study Vrooman Road Bridge Replacement Corridor, Painesville, OH 44077. Inquiry Number 2171234.1s, Prepared for Michael Baker Jr., Inc.

Environmental Site Assessment Screening – Vrooman Road Study, Lake County, Ohio. July 2004. TranSystems Corporation.

Ohio Department of Natural Resources. *Physiographic Regions of Ohio Map*, 1998.

USEPA. Test Methods for Evaluating Solid Waste, Physical/Chemical Methods (SW-846), latest Edition.

USGS 7.5 Minute Topographic Map, Painesville, Ohio Quadrangle Topographic Maps, 1994.

Lake County Soil and Water Conservation District, Painesville, Ohio. Aerial Photographs dated 1937, 1951, 1959, 1973, 1978, 1991, and 1994.

APPENDIX A

FIGURES

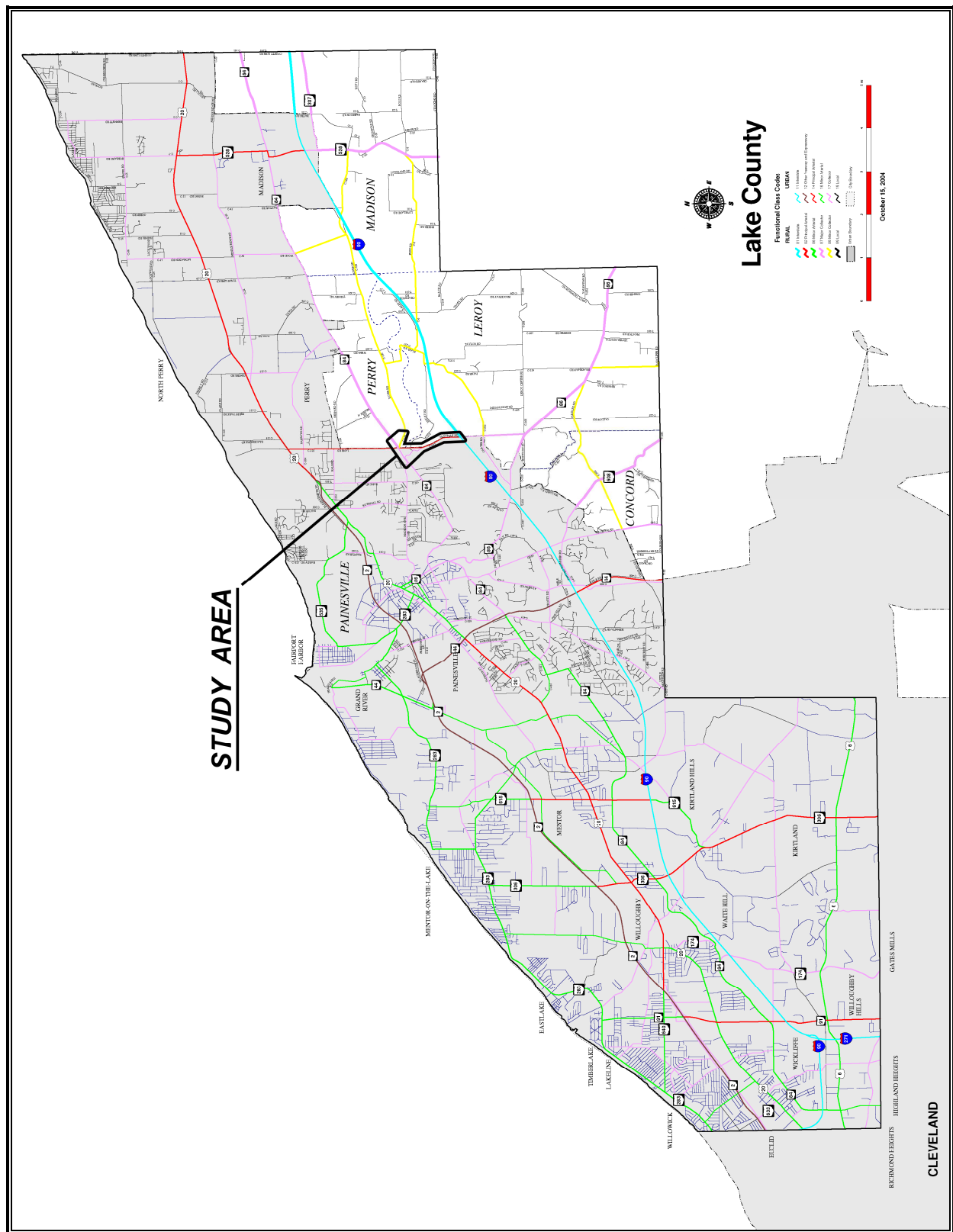
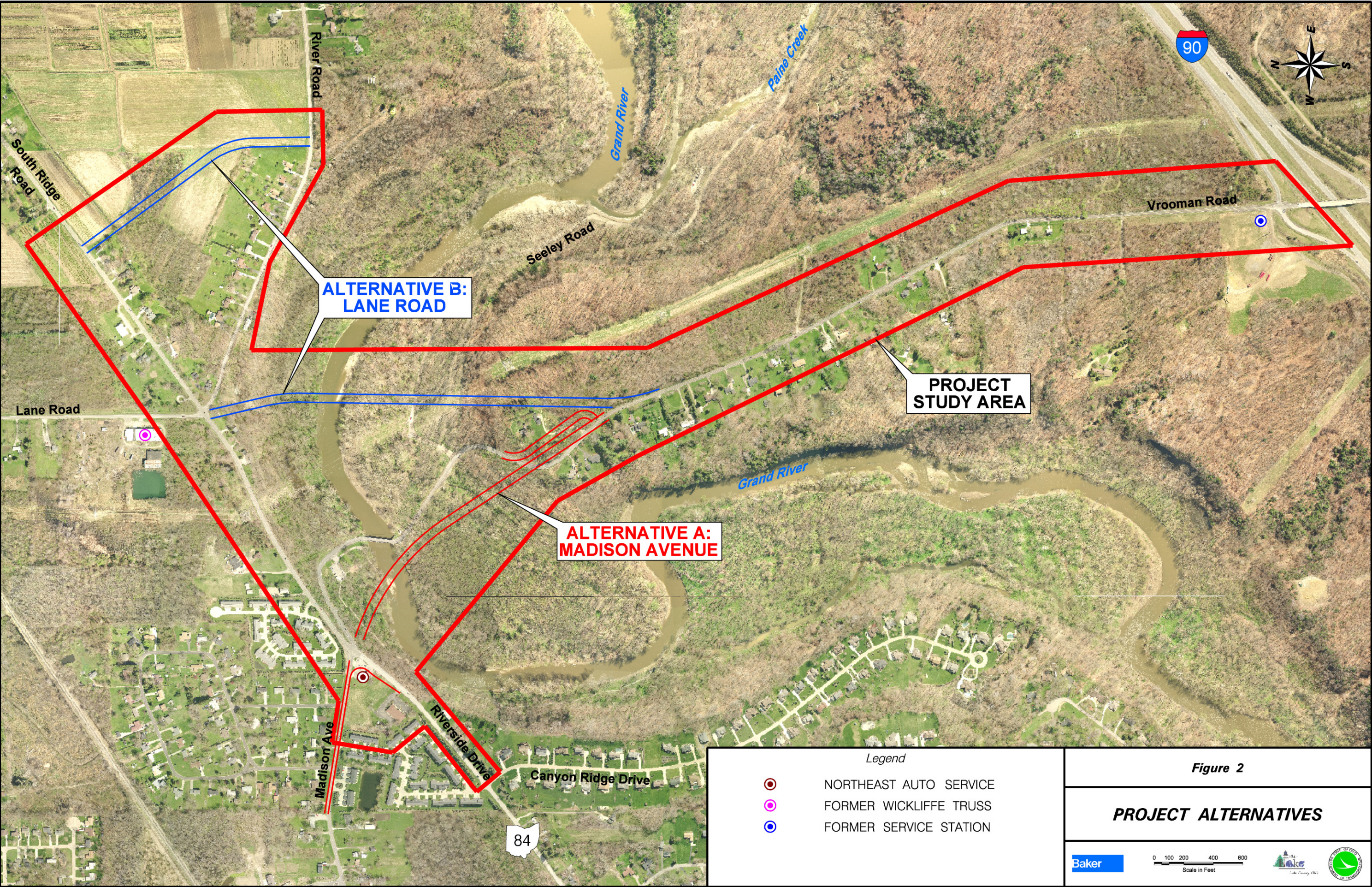


Figure 1. Project Location Map - showing the Project Area (ODOT 2004).



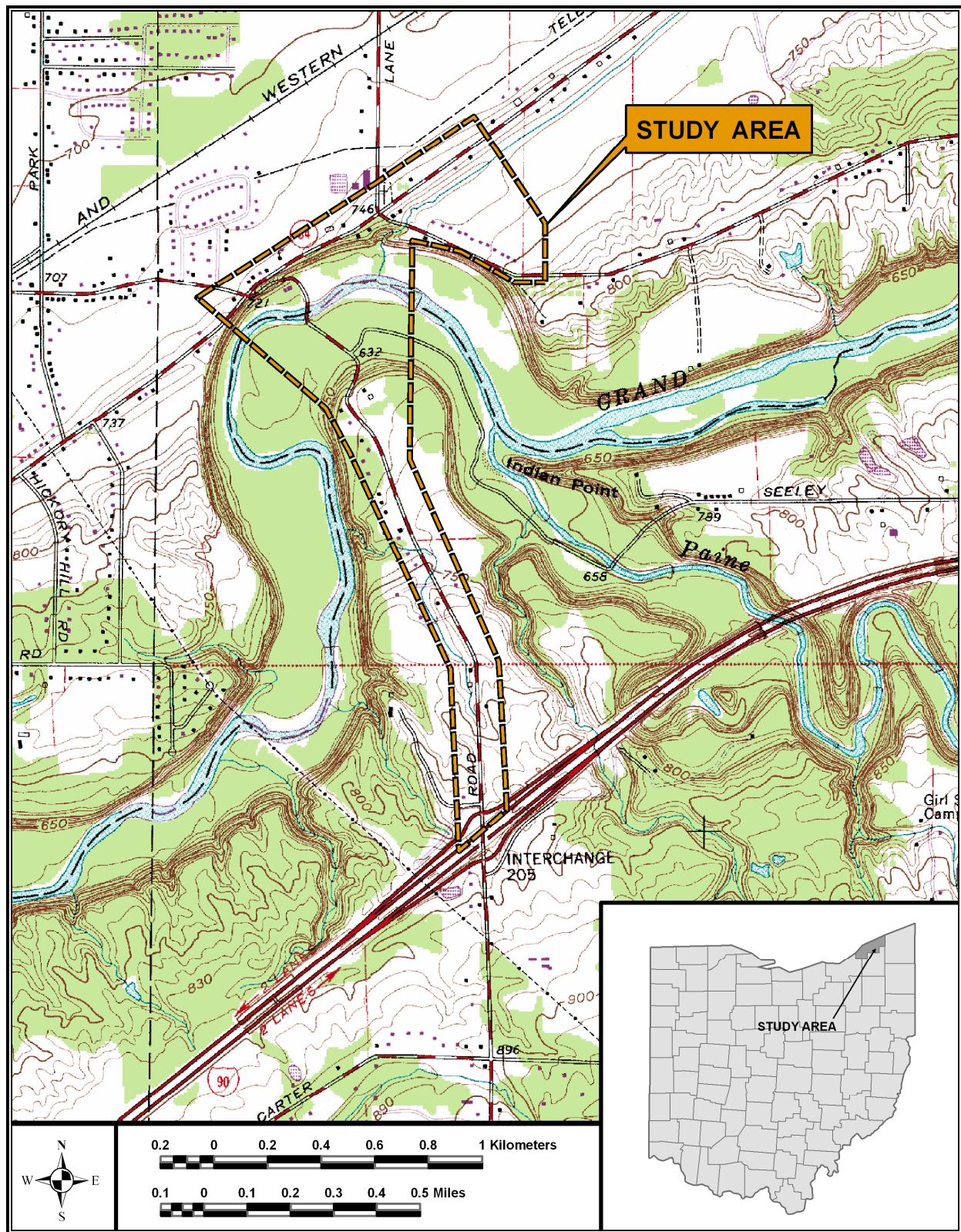
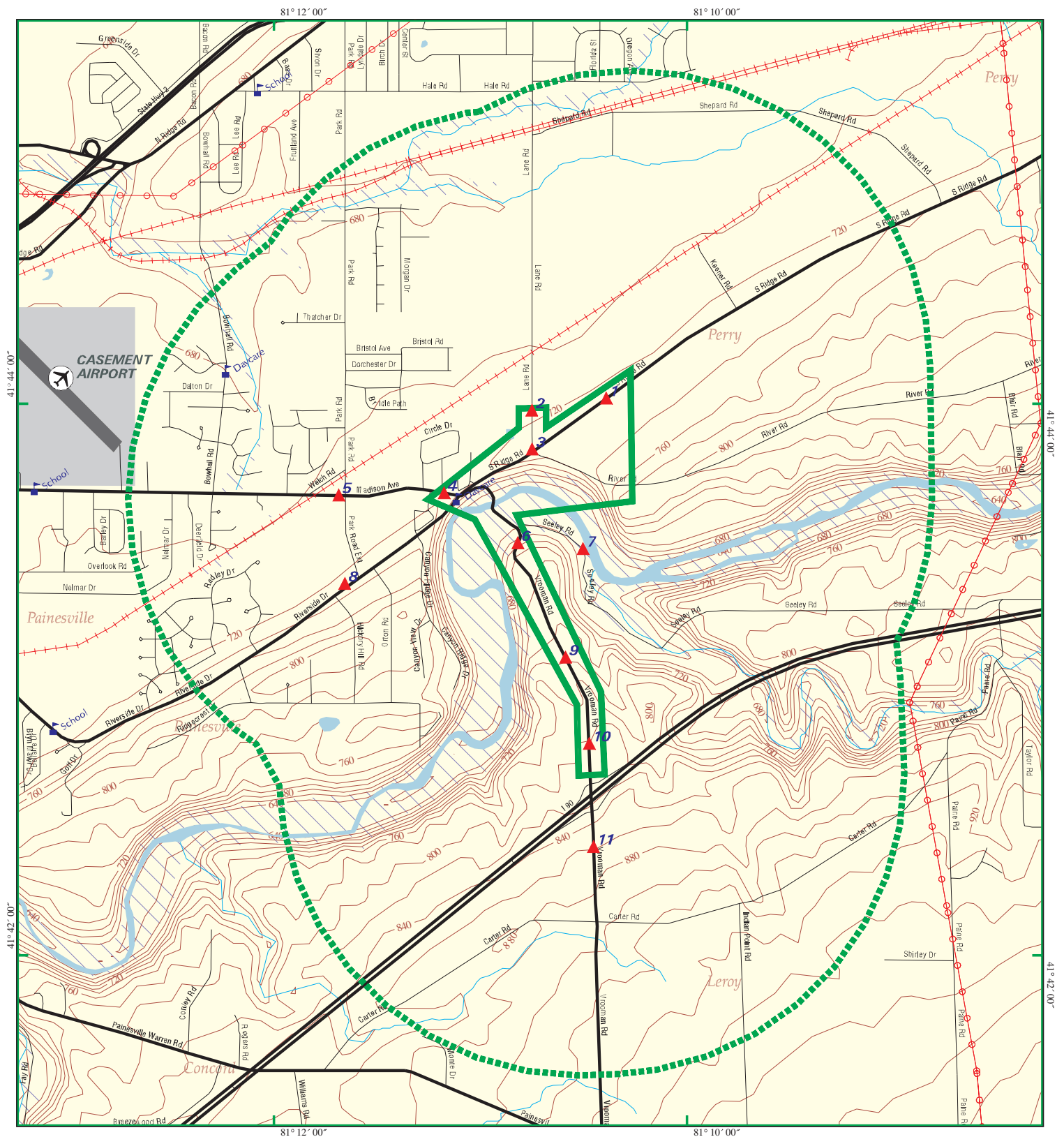


Figure 3. Location of the Study Area in Lake County, Ohio, from the USGS 1960 (photorevised 1985) Painesville, Ohio quadrangle.

APPENDIX B

REGULATORY DATABASE REPORT



EDR DataMap® –Area Study

Vroom Rd Bridge Replacement Corridor



Painesville, OH

- | | | |
|--|---------------|-------------------------|
| Listed Sites | Waterways | Water |
| Earthquake Epicenters (Richter 5 or greater) | Railroads | Superfund Sites |
| Search Boundary | Contour Lines | Federal DOD Sites |
| Roads | Pipelines | Indian Reservations BIA |
| Major Roads | Powerlines | 100-Yr Flood Zones |
| | Fault Lines | |



0 1/4 1/2

Scale in Miles



EDR DataMap® Area Study

**Vroom Rd Bridge Replacement Corridor
Painesville, OH 44077**

March 19, 2008

Inquiry number 2171234.1s

The Standard in Environmental Risk Information

440 Wheelers Farms Road
Milford, Connecticut 06461

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Internet: www.edrnet.com

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Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

TARGET PROPERTY INFORMATION

ADDRESS

PAINESVILLE, OH 44077
PAINESVILLE, OH 44077

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records within the requested search area for the following databases:

FEDERAL RECORDS

| | |
|------------------------|---|
| NPL | National Priority List |
| Proposed NPL | Proposed National Priority List Sites |
| Delisted NPL | National Priority List Deletions |
| NPL LIENS | Federal Superfund Liens |
| CERCLIS | Comprehensive Environmental Response, Compensation, and Liability Information System |
| CERC-NFRAP | CERCLIS No Further Remedial Action Planned |
| LIENS 2 | CERCLA Lien Information |
| CORRACTS | Corrective Action Report |
| RCRA-TSDF | RCRA - Transporters, Storage and Disposal |
| RCRA-LQG | RCRA - Large Quantity Generators |
| RCRA-NonGen | RCRA - Non Generators |
| US ENG CONTROLS | Engineering Controls Sites List |
| US INST CONTROL | Sites with Institutional Controls |
| ERNS | Emergency Response Notification System |
| HMIRS | Hazardous Materials Information Reporting System |
| DOT OPS | Incident and Accident Data |
| US CDL | Clandestine Drug Labs |
| US BROWNFIELDS | A Listing of Brownfields Sites |
| DOD | Department of Defense Sites |
| FUDS | Formerly Used Defense Sites |
| LUCIS | Land Use Control Information System |
| CONSENT | Superfund (CERCLA) Consent Decrees |
| ROD | Records Of Decision |
| UMTRA | Uranium Mill Tailings Sites |
| ODI | Open Dump Inventory |
| DEBRIS REGION 9 | Torres Martinez Reservation Illegal Dump Site Locations |
| MINES | Mines Master Index File |
| TRIS | Toxic Chemical Release Inventory System |
| TSCA | Toxic Substances Control Act |
| FTTS | FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) |
| HIST FTTS | FIFRA/TSCA Tracking System Administrative Case Listing |
| SSTS | Section 7 Tracking Systems |
| ICIS | Integrated Compliance Information System |
| PADS | PCB Activity Database System |

EXECUTIVE SUMMARY

| | |
|--------------|--|
| MLTS..... | Material Licensing Tracking System |
| RADINFO..... | Radiation Information Database |
| RAATS..... | RCRA Administrative Action Tracking System |

STATE AND LOCAL RECORDS

| | |
|-------------------------|--|
| SHWS..... | This state does not maintain a SHWS list. See the Federal CERCLIS list and Federal NPL list. |
| DERR..... | Division of Emergency & Remedial Response's Database |
| TOWNGAS..... | DERR Towngas Database |
| MSL..... | Master Sites List |
| SWF/LF..... | Licensed Solid Waste Facilities |
| HIST LF..... | Old Solid Waste Landfill |
| UNREG LTANKS..... | Ohio Leaking UST File |
| ARCHIVE UST..... | Archived Underground Storage Tank Sites |
| ENG CONTROLS..... | Sites with Engineering Controls |
| INST CONTROL..... | Sites with Institutional Engineering Controls |
| VCP..... | Voluntary Action Program Sites |
| DRYCLEANERS..... | Drycleaner Facility Listing |
| BROWNFIELDS..... | Ohio Brownfield Inventory |
| CDL..... | Clandestine Drug Lab Locations |
| NPDES..... | NPDES General Permit List |
| AIRS..... | Title V Permits Listing |
| USD..... | Urban Setting Designation Sites |
| HIST USD..... | Urban Setting Designations Database |
| HIST INST CONTROLS..... | Institutional Controls Database |
| HIST ENG CONTROLS..... | Operation & Maintenance Agreements Database |

TRIBAL RECORDS

| | |
|--------------------|--|
| INDIAN RESERV..... | Indian Reservations |
| INDIAN ODI..... | Report on the Status of Open Dumps on Indian Lands |
| INDIAN LUST..... | Leaking Underground Storage Tanks on Indian Land |
| INDIAN UST..... | Underground Storage Tanks on Indian Land |

EDR PROPRIETARY RECORDS

| | |
|----------------------------|---|
| Manufactured Gas Plants... | EDR Proprietary Manufactured Gas Plants |
|----------------------------|---|

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

EXECUTIVE SUMMARY

FEDERAL RECORDS

RCRA-SQG: RCRAInfo is EPA's 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. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 09/11/2007 has revealed that there is 1 RCRA-SQG site within the searched area.

| <u>Site</u> | <u>Address</u> | <u>Map ID</u> | <u>Page</u> |
|-------------------------------|-------------------------|---------------|-------------|
| COUNTRY CLEAN CLEANERS | 1516 MADISON AVE | 5 | 11 |

RCRA-CESQG: RCRAInfo is EPA's 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. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-CESQG list, as provided by EDR, and dated 09/11/2007 has revealed that there is 1 RCRA-CESQG site within the searched area.

| <u>Site</u> | <u>Address</u> | <u>Map ID</u> | <u>Page</u> |
|-----------------------------|--------------------------|---------------|-------------|
| BP OIL CO SITE 04787 | VROOMAN AT RTE 90 | 11 | 15 |

FINDS: The Facility Index System contains both facility information and "pointers" to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System (PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

A review of the FINDS list, as provided by EDR, and dated 01/04/2008 has revealed that there are 7 FINDS sites within the searched area.

| <u>Site</u> | <u>Address</u> | <u>Map ID</u> | <u>Page</u> |
|-------------------------------|--------------------------|---------------|-------------|
| HERITAGE BIBLE CHURCH | 2869 S RIDGE RD | 1 | 3 |
| COUNTRY CLEAN CLEANERS | 1516 MADISON AVE | 5 | 11 |
| HEMLOCK PT KAMP GROUNDS PL | 13365 SEELEY RD | 7 | 13 |
| CEDAR HILLS CONFERENCE CENTER | 5811 VROOMAN RD | 9 | 13 |
| FRARY S RESTAURANT | 5974 VROOMAN RD | 10 | 14 |
| JENNIFER S COUNTRY KITCHEN | 5948 VROOMAN RD | 10 | 14 |
| BP OIL CO SITE 04787 | VROOMAN AT RTE 90 | 11 | 15 |

EXECUTIVE SUMMARY

STATE AND LOCAL RECORDS

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Commerce Division of State Fire Marshal's List of Reported Petroleum Underground Storage Tank Release Incidents.

A review of the LUST list, as provided by EDR, and dated 12/12/2007 has revealed that there are 4 LUST sites within the searched area.

| <u>Site</u> | <u>Address</u> | <u>Map ID</u> | <u>Page</u> |
|--|------------------------|---------------|-------------|
| ABAND INDUSTRIAL WAREHOUSE Facility Status: Inactive FR Status: DIS: a release is disproved | 5194 LANE RD | 2 | 3 |
| CUMBERLAND GULF #124023 Facility Status: Inactive FR Status: NFA: No Further Action | 2606 MADISON | 4 | 4 |
| NORFOLK SOUTHERN RAIL SIDING Facility Status: Inactive FR Status: NFA: No Further Action | SR 84 | 8 | 13 |
| ODOT VROOMAN ROAD OUTPOST Facility Status: Active FR Status: NFA: No Further Action Facility Status: Active FR Status: SUS: a suspected release or source is identified | 6073 VROOMAN RD | 11 | 17 |

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Commerce Division of State Fire Marshal's Facility File.

A review of the UST list, as provided by EDR, and dated 01/08/2008 has revealed that there are 4 UST sites within the searched area.

| <u>Site</u> | <u>Address</u> | <u>Map ID</u> | <u>Page</u> |
|----------------------------------|------------------------|---------------|-------------|
| ABAND INDUSTRIAL WAREHOUSE | 5194 LANE RD | 3 | 4 |
| CUMBERLAND GULF #124023 | 2606 MADISON | 4 | 4 |
| CONVENIENT FOOD MART #3-039 | 1520 MADISON AVE | 5 | 9 |
| ODOT VROOMAN ROAD OUTPOST | 6073 VROOMAN RD | 11 | 17 |

SPILLS: The Spills Database comes from the Ohio EPA.

A review of the SPILLS list, as provided by EDR, and dated 12/03/2007 has revealed that there are 3 SPILLS sites within the searched area.

| <u>Site</u> | <u>Address</u> | <u>Map ID</u> | <u>Page</u> |
|----------------------|-------------------------|---------------|-------------|
| PAINESVILLE ELECTRIC | LANE RD NEAR S RIDGE RD | 3 | 3 |
| MR EDWARD DAIELLO | 5530 VROOMEN RD | 6 | 12 |
| BP OIL | 5941 VROOMAN RD | 10 | 14 |

EXECUTIVE SUMMARY

Please refer to the end of the findings report for unmapped orphan sites due to poor or inadequate address information.

MAP FINDINGS SUMMARY

| <u>Database</u> | <u>Total Plotted</u> |
|---------------------------------------|--------------------------|
| <u>FEDERAL RECORDS</u> | |
| NPL | 0 |
| Proposed NPL | 0 |
| Delisted NPL | 0 |
| NPL LIENS | 0 |
| CERCLIS | 0 |
| CERC-NFRAP | 0 |
| LIENS 2 | 0 |
| CORRACTS | 0 |
| RCRA-TSDF | 0 |
| RCRA-LQG | 0 |
| RCRA-SQG | 1 |
| RCRA-CESQG | 1 |
| RCRA-NonGen | 0 |
| US ENG CONTROLS | 0 |
| US INST CONTROL | 0 |
| ERNS | 0 |
| HMIRS | 0 |
| DOT OPS | 0 |
| US CDL | 0 |
| US BROWNFIELDS | 0 |
| DOD | 0 |
| FUDS | 0 |
| LUCIS | 0 |
| CONSENT | 0 |
| ROD | 0 |
| UMTRA | 0 |
| ODI | 0 |
| DEBRIS REGION 9 | 0 |
| MINES | 0 |
| TRIS | 0 |
| TSCA | 0 |
| FTTS | 0 |
| HIST FTTS | 0 |
| SSTS | 0 |
| ICIS | 0 |
| PADS | 0 |
| MLTS | 0 |
| RADINFO | 0 |
| FINDS | 7 |
| RAATS | 0 |
| <u>STATE AND LOCAL RECORDS</u> | |
| SHWS | N/A |
| DERR | 0 |
| TOWNGAS | 0 |
| MSL | 0 |
| SWF/LF | 0 |

MAP FINDINGS SUMMARY

| <u>Database</u> | <u>Total Plotted</u> |
|---|--------------------------|
| HIST LF | 0 |
| LUST | 4 |
| UNREG LTANKS | 0 |
| UST | 4 |
| ARCHIVE UST | 0 |
| SPILLS | 3 |
| ENG CONTROLS | 0 |
| INST CONTROL | 0 |
| VCP | 0 |
| DRYCLEANERS | 0 |
| BROWNFIELDS | 0 |
| CDL | 0 |
| NPDES | 0 |
| AIRS | 0 |
| USD | 0 |
| HIST USD | 0 |
| HIST INST CONTROLS | 0 |
| HIST ENG CONTROLS | 0 |
| <u>TRIBAL RECORDS</u> | |
| INDIAN RESERV | 0 |
| INDIAN ODI | 0 |
| INDIAN LUST | 0 |
| INDIAN UST | 0 |
| <u>EDR PROPRIETARY RECORDS</u> | |
| Manufactured Gas Plants | 0 |

NOTES:

Sites may be listed in more than one database

N/A = This State does not maintain a SHWS list. See the Federal CERCLIS list.

MAP FINDINGS

| Map ID | | | EDR ID Number |
|----------------|--|---------------|--|
| Direction | | | |
| Distance | | | |
| Distance (ft.) | Site | Database(s) | EPA ID Number |
| 1 | HERITAGE BIBLE CHURCH 2869 S RIDGE RD PERRY, OH 44081 FINDS: Other Pertinent Environmental Activity Identified at Site The OH-CORE (Ohio - Core) database contains information commonly shared among the Ohio EPA environmental programs. The information is facility-based, general in nature, and used to support specific programmatic systems while simultaneously maintaining an inventory of common facility-related data. Specific programmatic details are maintained in programmatic databases. | FINDS | 1007656324 110006204838 |
| 2 | ABAND INDUSTRIAL WAREHOUSE 5194 LANE RD PERRY, OH 44081 LUST: Release Number: 43010073-N00001 LTF Status: 1 SUS/CON from regulated UST FR Status: DIS: a release is disproved Release Date: Not reported Facility Status: Inactive Priority: 2 Review Date: 2000-06-20 00:00:00 | LUST | S104267914 N/A |
| 3 | PAINESVILLE ELECTRIC LANE RD NEAR S RIDGE RD PERRY, OH SPILLS: Spill No.: 9010-43-4695 Spill Year: 1990 Sequential Number: 0 Date Spill Reported: 10/01/90 Spill Month: 10 Spill Number: 4695 Reporter Name: Not reported Confidential: No District Code: NE County Code: 43 Employee Number: Not reported Lat/Long: Not reported Product Spilled Name: TRANSFORMER OIL | SPILLS | S102881390 N/A |

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number
EPA ID Number

Database(s)

3

ABAND INDUSTRIAL WAREHOUSE
5194 LANE RD
PERRY, OH 44081

UST

U004083526
N/A

UST:

Facility ID:

Not reported

Tank ID:

Not reported

Tank Status:

Not reported

Capacity:

Not reported

Content:

Not reported

Tank Type:

Not reported

Facility:

Facility ID:

43010073

Facility Type:

Not reported

24 Hour Emergency Contact:

Not reported

24 Hour Emergency Phon:

Not reported

Number Of Tanks On Site:

Not reported

Local Fire Department:

Zero

Delegated Authority:

No

Elig For Green Buckeye Award

N/A

Active Release Site:

No

Owner Id:

W016703

Owner Name:

ABAND INDUSTRIAL WAREHOUSE

Owner Address:

5194 LANE RD

Owner City:

PERRY

Owner State:

OH

Owner Zip:

44081

Owner Phone:

Not reported

4

CUMBERLAND GULF #124023
2606 MADISON
PAINESVILLE, OH 44077

LUST

S104777348
N/A

LUST:

Release Number:

43000068-N00001

LTF Status:

1 SUS/CON from regulated UST

FR Status:

NFA: No Further Action

Release Date:

Not reported

Facility Status:

Inactive

Priority:

2

Review Date:

2000-06-20 00:00:00

4

CUMBERLAND GULF #124023
2606 MADISON
PAINESVILLE, OH 44077

UST

U004088660
N/A

UST:

Facility ID:

43000068

Tank ID:

T00005

Tank Status:

REM-Removed

Capacity:

Not reported

Content:

Unknown

Tank Type:

Other

Facility:

Facility ID:

43000068

Facility Type:

Gas Station

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CUMBERLAND GULF #124023 (Continued)

U004088660

24 Hour Emergency Contact: Not reported
24 Hour Emergency Phon: Not reported
Number Of Tanks On Site: Not reported
Local Fire Department: Zero
Delegated Authority: No
Elig For Green Buckeye AwardN/A
Active Release Site: No
Owner Id: W000009
Owner Name: CUMBERLAND FARMS, INC.
Owner Address: 777 DEDHAM ST
Owner City: CANTON
Owner State: MA
Owner Zip: 02021
Owner Phone: (617) 828-4900

Inspection:
Facility Id: 43000068
Inspection Id: 9/5/95
Code: 103
Permit Number: P00002
Inspection Type: Final

Facility Id: 43000068
Inspection Id: 6/9/93
Code: 402
Permit Number: P00001
Inspection Type: Final

Permit:
Facility Id: 43000068
Permit Id: P00001
Permit Status: Expired
Issued Date: 1/12/1994
Lfd Permit Id: Not reported

Facility Id: 43000068
Permit Id: P00002
Permit Status: Expired
Issued Date: 9/12/1995
Lfd Permit Id: Not reported

Facility ID: 43000068
Tank ID: T00004
Tank Status: REM-Removed
Capacity: 10000
Content: Gasoline
Tank Type: Steel

Facility:
Facility ID: 43000068
Facility Type: Gas Station
24 Hour Emergency Contact: Not reported
24 Hour Emergency Phon: Not reported
Number Of Tanks On Site: Not reported
Local Fire Department: Zero
Delegated Authority: No

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CUMBERLAND GULF #124023 (Continued)

U004088660

Elig For Green Buckeye AwardN/A
Active Release Site: No
Owner Id: W000009
Owner Name: CUMBERLAND FARMS, INC.
Owner Address: 777 DEDHAM ST
Owner City: CANTON
Owner State: MA
Owner Zip: 02021
Owner Phone: (617) 828-4900

Inspection:
Facility Id: 43000068
Inspection Id: 9/5/95
Code: 103
Permit Number: P00002
Inspection Type: Final

Facility Id: 43000068
Inspection Id: 6/9/93
Code: 402
Permit Number: P00001
Inspection Type: Final

Permit:
Facility Id: 43000068
Permit Id: P00001
Permit Status: Expired
Issued Date: 1/12/1994
Lfd Permit Id: Not reported

Facility Id: 43000068
Permit Id: P00002
Permit Status: Expired
Issued Date: 9/12/1995
Lfd Permit Id: Not reported

Facility ID: 43000068
Tank ID: T00003
Tank Status: REM-Removed
Capacity: 8000
Content: Gasoline
Tank Type: Fiberglass Reinforced Plastic

Facility:
Facility ID: 43000068
Facility Type: Gas Station
24 Hour Emergency Contact: Not reported
24 Hour Emergency Phon: Not reported
Number Of Tanks On Site: Not reported
Local Fire Department: Zero
Delegated Authority: No
Elig For Green Buckeye AwardN/A
Active Release Site: No
Owner Id: W000009
Owner Name: CUMBERLAND FARMS, INC.
Owner Address: 777 DEDHAM ST

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CUMBERLAND GULF #124023 (Continued)

U004088660

Owner City: CANTON
Owner State: MA
Owner Zip: 02021
Owner Phone: (617) 828-4900

Inspection:
Facility Id: 43000068
Inspection Id: 9/5/95
Code: 103
Permit Number: P00002
Inspection Type: Final

Facility Id: 43000068
Inspection Id: 6/9/93
Code: 402
Permit Number: P00001
Inspection Type: Final

Permit:
Facility Id: 43000068
Permit Id: P00001
Permit Status: Expired
Issued Date: 1/12/1994
Lfd Permit Id: Not reported

Facility Id: 43000068
Permit Id: P00002
Permit Status: Expired
Issued Date: 9/12/1995
Lfd Permit Id: Not reported

Facility ID: 43000068
Tank ID: T00002
Tank Status: REM-Removed
Capacity: 8000
Content: Gasoline
Tank Type: Fiberglass Reinforced Plastic

Facility:
Facility ID: 43000068
Facility Type: Gas Station
24 Hour Emergency Contact: Not reported
24 Hour Emergency Phon: Not reported
Number Of Tanks On Site: Not reported
Local Fire Department: Zero
Delegated Authority: No
Elig For Green Buckeye AwardN/A
Active Release Site: No
Owner Id: W000009
Owner Name: CUMBERLAND FARMS, INC.
Owner Address: 777 DEDHAM ST
Owner City: CANTON
Owner State: MA
Owner Zip: 02021
Owner Phone: (617) 828-4900

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CUMBERLAND GULF #124023 (Continued)

U004088660

Inspection:

Facility Id: 43000068
Inspection Id: 9/5/95
Code: 103
Permit Number: P00002
Inspection Type: Final

Facility Id: 43000068
Inspection Id: 6/9/93
Code: 402
Permit Number: P00001
Inspection Type: Final

Permit:

Facility Id: 43000068
Permit Id: P00001
Permit Status: Expired
Issued Date: 1/12/1994
Lfd Permit Id: Not reported

Facility Id: 43000068
Permit Id: P00002
Permit Status: Expired
Issued Date: 9/12/1995
Lfd Permit Id: Not reported

Facility ID: 43000068
Tank ID: T00001
Tank Status: REM-Removed
Capacity: 550
Content: Used Oil
Tank Type: Steel

Facility:

Facility ID: 43000068
Facility Type: Gas Station
24 Hour Emergency Contact: Not reported
24 Hour Emergency Phon: Not reported
Number Of Tanks On Site: Not reported
Local Fire Department: Zero
Delegated Authority: No
Elig For Green Buckeye AwardN/A
Active Release Site: No
Owner Id: W000009
Owner Name: CUMBERLAND FARMS, INC.
Owner Address: 777 DEDHAM ST
Owner City: CANTON
Owner State: MA
Owner Zip: 02021
Owner Phone: (617) 828-4900

Inspection:

Facility Id: 43000068
Inspection Id: 9/5/95
Code: 103

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CUMBERLAND GULF #124023 (Continued)

U004088660

Permit Number: P00002
Inspection Type: Final

Facility Id: 43000068
Inspection Id: 6/9/93
Code: 402
Permit Number: P00001
Inspection Type: Final

Permit:
Facility Id: 43000068
Permit Id: P00001
Permit Status: Expired
Issued Date: 1/12/1994
Lfd Permit Id: Not reported

Facility Id: 43000068
Permit Id: P00002
Permit Status: Expired
Issued Date: 9/12/1995
Lfd Permit Id: Not reported

5

**CONVENIENT FOOD MART #3-039
1520 MADISON AVE
PAINESVILLE, OH 44077**

**UST U000893247
N/A**

UST:
Facility ID: 43002918
Tank ID: T00003
Tank Status: CIU-Currently In Use
Capacity: 6000
Content: Gasoline
Tank Type: Fiberglass Reinforced Plastic

Facility:
Facility ID: 43002918
Facility Type: Commercial
24 Hour Emergency Contact: ROSS BOYER
24 Hour Emergency Phon: (440)639-6527
Number Of Tanks On Site: 3
Local Fire Department: Zero
Delegated Authority: No
Elig For Green Buckeye AwardN/A
Active Release Site: No
Owner Id: W023354
Owner Name: Maheshs Gas 3-039 LLC
Owner Address: 1520 MADISON AVE
Owner City: PAINESVILLE
Owner State: OH
Owner Zip: 44077
Owner Phone: 4403542289

Facility ID: 43002918
Tank ID: T00002
Tank Status: CIU-Currently In Use

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CONVENIENT FOOD MART #3-039 (Continued)

U000893247

Capacity: 6000
Content: Gasoline
Tank Type: Fiberglass Reinforced Plastic

Facility:

Facility ID: 43002918
Facility Type: Commercial
24 Hour Emergency Contact: ROSS BOYER
24 Hour Emergency Phon: (440)639-6527
Number Of Tanks On Site: 3
Local Fire Department: Zero
Delegated Authority: No
Elig For Green Buckeye AwardN/A
Active Release Site: No
Owner Id: W023354
Owner Name: Maheshs Gas 3-039 LLC
Owner Address: 1520 MADISON AVE
Owner City: PAINESVILLE
Owner State: OH
Owner Zip: 44077
Owner Phone: 4403542289

Facility ID: 43002918
Tank ID: T00001
Tank Status: CIU-Currently In Use
Capacity: 10000
Content: Gasoline
Tank Type: Fiberglass Reinforced Plastic

Facility:

Facility ID: 43002918
Facility Type: Commercial
24 Hour Emergency Contact: ROSS BOYER
24 Hour Emergency Phon: (440)639-6527
Number Of Tanks On Site: 3
Local Fire Department: Zero
Delegated Authority: No
Elig For Green Buckeye AwardN/A
Active Release Site: No
Owner Id: W023354
Owner Name: Maheshs Gas 3-039 LLC
Owner Address: 1520 MADISON AVE
Owner City: PAINESVILLE
Owner State: OH
Owner Zip: 44077
Owner Phone: 4403542289

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**5 COUNTRY CLEAN CLEANERS
1516 MADISON AVE
PAINESVILLE, OH 44077**

**RCRA-SQG 1000322847
FINDS OHD087235305**

RCRA-SQG:

Date form received by agency: 02/28/1992
Facility name: COUNTRY CLEAN CLEANERS
Facility address: 1516 MADISON AVE
PAINESVILLE, OH 44077
EPA ID: OHD087235305
Contact: JOSEPHINE HOLMES
Contact address: 1516 MADISON AVE
PAINESVILLE, OH 44077
Contact country: US
Contact telephone: (216) 354-2891
Contact email: Not reported
EPA Region: 05
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: NAME NOT REPORTED
Owner/operator address: ADDRESS NOT REPORTED
CITY NOT REPORTED, AK 99998
Owner/operator country: Not reported
Owner/operator telephone: (312) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported
Owner/operator name: HOLMES JOSEPHINE
Owner/operator address: 10 MILLSTONE DR
PAINESVILLE, OH 44077
Owner/operator country: Not reported
Owner/operator telephone: (216) 354-4887
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

COUNTRY CLEAN CLEANERS (Continued)

1000322847

Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Hazardous Waste Summary:

Waste code: F002
Waste name: 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 LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

6

MR EDWARD DAIELLO
5530 VROOMEN RD
PAINESVILLE, OH

SPILLS S106330740
N/A

SPILLS:

Spill No.: 9302-43-0429
Spill Year: 1993
Sequential Number: 0
Date Spill Reported: 02/04/93
Spill Month: 2
Spill Number: 0429
Reporter Name: FD
Confidential: No
District Code: NE
County Code: 43
Employee Number: 1746
Lat/Long: Not reported
Product Spilled Name: FUEL OIL

MAP FINDINGS

| Map ID | | | EDR ID Number |
|----------------|--|--------------|--|
| Direction | | | |
| Distance | | | |
| Distance (ft.) | Site | Database(s) | EPA ID Number |
| 7 | HEMLOCK PT KAMP GROUNDS PL 13365 SEELEY RD PAINESVILLE, OH 44077 FINDS: Other Pertinent Environmental Activity Identified at Site The OH-CORE (Ohio - Core) database contains information commonly shared among the Ohio EPA environmental programs. The information is facility-based, general in nature, and used to support specific programmatic systems while simultaneously maintaining an inventory of common facility-related data. Specific programmatic details are maintained in programmatic databases. | FINDS | 1007659916 110008576264 |
| 8 | NORFOLK SOUTHERN RAIL SIDING SR 84 PAINESVILLE TWP, OH 44081 LUST: Release Number: 43010014-N00001 LTF Status: 6 Closure of regulated UST FR Status: NFA: No Further Action Release Date: 1990-09-04 00:00:00 Facility Status: Inactive Priority: 3 Review Date: 2003-08-18 00:00:00 | LUST | S104267859 N/A |
| 9 | CEDAR HILLS CONFERENCE CENTER 5811 VROOMAN RD PAINESVILLE, OH 44077 FINDS: Other Pertinent Environmental Activity Identified at Site The OH-CORE (Ohio - Core) database contains information commonly shared among the Ohio EPA environmental programs. The information is facility-based, general in nature, and used to support specific programmatic systems while simultaneously maintaining an inventory of common facility-related data. Specific programmatic details are maintained in programmatic databases. PCS (Permit Compliance System) is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities. | FINDS | 1005799075 110006204552 |

MAP FINDINGS

| Map ID | | | EDR ID Number |
|----------------|---|---------------|--|
| Direction | | | |
| Distance | | | |
| Distance (ft.) | Site | Database(s) | EPA ID Number |
| 10 | FRARY S RESTAURANT 5974 VROOMAN RD PAINESVILLE, OH 44077 | FINDS | 1008387291 110022521500 |
| | FINDS: Other Pertinent Environmental Activity Identified at Site <p>The OH-CORE (Ohio - Core) database contains information commonly shared among the Ohio EPA environmental programs. The information is facility-based, general in nature, and used to support specific programmatic systems while simultaneously maintaining an inventory of common facility-related data. Specific programmatic details are maintained in programmatic databases.</p> <p>PCS (Permit Compliance System) is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.</p> | | |
| 10 | JENNIFER S COUNTRY KITCHEN 5948 VROOMAN RD PAINESVILLE, OH 44077 | FINDS | 1007130954 110006306871 |
| | FINDS: Other Pertinent Environmental Activity Identified at Site <p>The OH-CORE (Ohio - Core) database contains information commonly shared among the Ohio EPA environmental programs. The information is facility-based, general in nature, and used to support specific programmatic systems while simultaneously maintaining an inventory of common facility-related data. Specific programmatic details are maintained in programmatic databases.</p> | | |
| 10 | BP OIL 5941 VROOMAN RD PAINESVILLE, OH | SPILLS | S102901227 N/A |
| | SPILLS: Spill No.: 9712-43-4675 Spill Year: 1997 Sequential Number: 0 Date Spill Reported: 12/01/97 Spill Month: 12 Spill Number: 4675 Reporter Name: RICHARD MAHONEY Confidential: No District Code: NE County Code: 43 Employee Number: Not reported Lat/Long: Not reported Product Spilled Name: DIESEL FUEL | | |

MAP FINDINGS

| | | | |
|----------------|------|-------------|---------------|
| Map ID | | | EDR ID Number |
| Direction | | | |
| Distance | | | |
| Distance (ft.) | Site | Database(s) | EPA ID Number |

| | | | |
|----|--|---------------------|----------------------------|
| 11 | BP OIL CO SITE 04787 VROOMAN AT RTE 90 PAINESVILLE, OH 44077 | FINDS RCRA-CESQG | 1004764588 OHD987001526 |
|----|--|---------------------|----------------------------|

FINDS:

Other Pertinent Environmental Activity Identified at Site

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

The OH-CORE (Ohio - Core) database contains information commonly shared among the Ohio EPA environmental programs. The information is facility-based, general in nature, and used to support specific programmatic systems while simultaneously maintaining an inventory of common facility-related data. Specific programmatic details are maintained in programmatic databases.

RCRA-CESQG:

Date form received by agency: 07/20/1998

Facility name: BP OIL CO SITE 04787

Facility address: VROOMAN AT RTE 90
PAINESVILLE, OH 44077

EPA ID: OHD987001526

Mailing address: 4440 WARRENSVILLE CENTER RD
WARRENSVILLE HTS, OH 441282837

Contact: JIM SALIOLA

Contact address: 4440 WARRENSVILLE CENTER RD
WARRENSVILLE HTS, OH 441282837

Contact country: US

Contact telephone: (216) 271-8175

Contact email: Not reported

EPA Region: 05

Classification: Conditionally Exempt Small Quantity Generator

Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

BP OIL CO SITE 04787 (Continued)

1004764588

hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: BP OIL CO
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED 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 NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED 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 FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

BP OIL CO SITE 04787 (Continued)

1004764588

Violation Status: No violations found

11

**ODOT VROOMAN ROAD OUTPOST
6073 VROOMAN RD
LEROY TOWNSHIP, OH 44077**

**LUST U000893246
UST N/A**

LUST:

Release Number: 43001946-N00001
LTF Status: 1 SUS/CON from regulated UST
FR Status: NFA: No Further Action
Release Date: Not reported
Facility Status: Active
Priority: 2
Review Date: 2000-06-20 00:00:00

Release Number: 43001946-N00002
LTF Status: 1 SUS/CON from regulated UST
FR Status: SUS: a suspected release or source is identified
Release Date: 2007-11-20 00:00:00
Facility Status: Active
Priority: 2
Review Date: 2007-11-20 00:00:00

UST:

Facility ID: 43001946
Tank ID: T00001
Tank Status: CIU-Currently In Use
Capacity: 8000
Content: Diesel
Tank Type: Double Walled Fiberglass

Facility:

Facility ID: 43001946
Facility Type: State Government
24 Hour Emergency Contact: DENNIS KRATOCHVIL
24 Hour Emergency Phon: (216) 584-2040
Number Of Tanks On Site: 1
Local Fire Department: LEROY TWP FIRE DEPARTMENT
Delegated Authority: No
Elig For Green Buckeye AwardN/A
Active Release Site: Yes
Owner Id: W000014
Owner Name: OHIO DEPT. OF TRANSPORTATION
Owner Address: 1980 WEST BROAD STREET 3RD FLOOR
Owner City: COLUMBUS
Owner State: OH
Owner Zip: 43223
Owner Phone: (614)466-7925

Permit:

Facility Id: 43001946
Permit Id: P00001
Permit Status: Active
Issued Date: 12/4/2007
Lfd Permit Id: Not reported

ORPHAN SUMMARY

| City | EDR ID | Site Name | Site Address | Zip | Database(s) |
|----------------------|------------|--|--|-------|-----------------|
| CONCORD | S107757011 | ICON GROUP | ST RTE 84 / PROUTY RD | 44077 | NPDES |
| FAIRPORT HARBOR | 1000196130 | ERIE COKE AND CHEMICAL CO | RTE 535 E GATE 2 | 44077 | RCRA-SQG, FINDS |
| FAIRPORT HARBOR | 1010270709 | ERIE COKE AND CHEMICAL CO | RTE 535 E GATE 2 | 44077 | ICIS |
| LAKE COUNTY | S107754939 | CONCORD HOSPITAL | AUBURN RD / ST RTE 44 | 44077 | NPDES |
| LAKE COUNTY | S108317090 | AZELEA RIDGE CONDOS | AZALEA RIDGE SUB / N RIDGE RD AKA US 20 | 44081 | NPDES |
| LAKE COUNTY | S107760936 | SUMMERWOOD SUBDIVISION PH 1 | GIRDLED RD / ST RT 608 | 44077 | NPDES |
| LAKE COUNTY | S108586447 | SHEETZ/BANK BUILDING DEVELOPMENT | LANE / NORTH RIDGE RDS | 44081 | NPDES |
| LAKE COUNTY | S108586448 | SHEETZ/BANK BUILDING DEVELOPMENT | LANE / NORTH RIDGE ROADS | 44081 | NPDES |
| LAKE COUNTY | S108584011 | LITTLE MOUNTAIN SUBDIVISION SUBLOTS 17-21 | PINE VALLEY CIR | 44077 | NPDES |
| LAKE COUNTY | S107760937 | SUMMERWOOD SUBDIVISION PH 2 | ST RTE 608 / GIRDLED RD | 44077 | NPDES |
| LAKE COUNTY | S107756799 | HILLSHIRE WOODS CONDOMINIUMS | SPEAR D S OF PROUTY RD / E OF SR 44 | 44077 | NPDES |
| LEROY | S107761540 | VACANT LAND I 90 & VROOMAN RD | VROOMAN RD N OF I 90 | 44077 | NPDES |
| NORTH PERRY | 93311466 | 10 CENTER RD | 10 CENTER RD | 44081 | ERNS |
| NORTH PERRY | 93309859 | 10 CENTER RD | 10 CENTER RD | 44081 | ERNS |
| NORTH PERRY | 92294741 | 10 CENTER RD | 10 CENTER RD | 44081 | ERNS |
| NORTH PERRY VILLAGE | S108226472 | CRANDALL FORD | N. RIDGE RD | 44081 | NPDES |
| PAINESVILLE | 1000196135 | LAKE CO BALER | RTE 2 AND RTE 4 | 44077 | DERR |
| PAINESVILLE | 1003872319 | LAKE COUNTY BALER | ROUTE 2 AND ROUTE 4 | 44077 | CERC-NFRAP |
| PAINESVILLE | S108919227 | LAKE-20-12.21 PID - 8411 | US 20 FROM WELLESLEY TO SR 44 | 44077 | NPDES |
| PAINESVILLE | S107760322 | SHAMROCK BUSINESS CTR | RT 44 / RTE 2 | 44077 | NPDES |
| PAINESVILLE | 90150838 | AIRPORT NURSERY RD | AIRPORT NURSERY RD | | ERNS |
| PAINESVILLE | S107753838 | BANKS LANDING CONDOS | BANK ST / ST RT 84 | 44077 | NPDES |
| PAINESVILLE | 1001114930 | LAKE UNDERGROUND STORAGE | BLACKBROOK ROAD | 44077 | CERCLIS, FINDS |
| PAINESVILLE | 91215089 | BOWER AMMONIA AND CHEM 1966 FAIRPORT NURSERY RD | BOWER AMMONIA AND CHEM 1966 FAIRPORT NURSERY RD | | ERNS |
| PAINESVILLE | 89111240 | BRIDGE OVER GRAND RIVER ON RTE 538 GOING INTO FAIRPORT HARBO | BRIDGE OVER GRAND RIVER ON RTE 538 GOING INTO FAIRPORT HARBO | | ERNS |
| PAINESVILLE | S108316980 | STATION 44 CONDOS | CHESTNUT ST / ST RTE 44 | 44077 | NPDES |
| PAINESVILLE | S108227369 | RITE AID STORE #3195 | EAST CORNER OF N STATE ST / E ERIE ST | 44077 | NPDES |
| PAINESVILLE | S107756694 | HERITAGE MIDDLE SCH | ELM ST / ST RTE 2 / WILLIAMS | 44077 | NPDES |
| PAINESVILLE | S107757505 | LAKEVIEW BLUFFS | 1897 FAIRPORT NURSERY RD (ST RTE 535) | 44077 | NPDES |
| PAINESVILLE | S108583813 | LAKEVIEW BLUFFS - AREA 1B1, 1B2 AND 5B1 | FAIRPORT NURSERY RD (ST RTE 535) | 44077 | NPDES |
| PAINESVILLE | S108834068 | CSXT PAINESVILLE DERAILMENT | HEISLEY RD / STATE RTE 44 MI MARKER QD155 | 44077 | DERR |
| PAINESVILLE | S108227010 | MAPLE VIEW SUBDIVISION | W OF SR 283/N OF SR2/S OF FLORENCE/E OF NEWEL | 44077 | NPDES |
| PAINESVILLE | S107761023 | TANNERS FARM CONDOMINIUMS | PARK RD / MADISON AVE / ST RTE 84 | 44077 | NPDES |
| PAINESVILLE | S108583578 | K & S AUTO BODY | 1450 N RIDGE RD (SR 20) | 44077 | NPDES |
| PAINESVILLE | S108580536 | BRIDGE NUMBER LAK-20-18.30 OVER RED CREEK PID - | US RT 20 OVER RED CREEK, SOUTH OF SR 535 | 44077 | NPDES |
| PAINESVILLE | S108919218 | LAK-86-1.32 PID - 22907 | ST RTE 86 BTWN ST RTE 84 / PALMER RD | 44077 | NPDES |
| PAINESVILLE | U004088195 | CONCORD TWP HALL | C/O SR 608 & PAINESVILLE | 44077 | UST |
| PAINESVILLE | 1010256936 | DIAMOND SHAMROCK CHEM CO PAINESVILLE WOR | STATE ROUTE 535 | 44077 | ICIS |
| PAINESVILLE TOWNSHIP | S107756643 | HEADLAND RD ROAD CONSTRUCTION | ST RTE 44 / HEADLAND RD | 44077 | NPDES |
| PAINESVILLE TWP | U004097181 | NORFOLK SOUTHERN RAIL SIDING | SR 84 | 44081 | UST |

ORPHAN SUMMARY

| City | EDR ID | Site Name | Site Address | Zip | Database(s) |
|----------------|------------|------------------------|------------------------|-------|-------------|
| PERRY | S107757465 | LAKE CO NURSERY INC | 5052 S RIDGE RD | 44081 | NPDES |
| PERRY | U004086390 | BURNETTS MARKET | C/O WEBB & SR 84 | 44081 | UST |
| PERRY TOWNSHIP | 93345366 | RT 20, EAST OF LANE RD | RT 20, EAST OF LANE RD | 44077 | ERNS |

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

FEDERAL RECORDS

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

| | |
|---|--|
| Date of Government Version: 01/31/2008 | Source: EPA |
| Date Data Arrived at EDR: 02/08/2008 | Telephone: N/A |
| Date Made Active in Reports: 03/17/2008 | Last EDR Contact: 01/28/2008 |
| Number of Days to Update: 38 | Next Scheduled EDR Contact: 04/28/2008 |
| | Data Release Frequency: Quarterly |

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

| | |
|---|--|
| Date of Government Version: 01/31/2008 | Source: EPA |
| Date Data Arrived at EDR: 02/04/2008 | Telephone: N/A |
| Date Made Active in Reports: 03/17/2008 | Last EDR Contact: 01/28/2008 |
| Number of Days to Update: 42 | Next Scheduled EDR Contact: 04/28/2008 |
| | Data Release Frequency: Quarterly |

DELISTED NPL: National Priority List Deletions

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.

| | |
|---|--|
| Date of Government Version: 01/31/2008 | Source: EPA |
| Date Data Arrived at EDR: 02/08/2008 | Telephone: N/A |
| Date Made Active in Reports: 03/17/2008 | Last EDR Contact: 01/28/2008 |
| Number of Days to Update: 38 | Next Scheduled EDR Contact: 04/28/2008 |
| | Data Release Frequency: Quarterly |

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 02/19/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: No Update Planned

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 01/09/2008
Date Data Arrived at EDR: 02/05/2008
Date Made Active in Reports: 02/20/2008
Number of Days to Update: 15

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 02/05/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: Quarterly

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates 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), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. 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.

Date of Government Version: 12/03/2007
Date Data Arrived at EDR: 12/06/2007
Date Made Active in Reports: 02/20/2008
Number of Days to Update: 76

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 03/17/2008
Next Scheduled EDR Contact: 06/16/2008
Data Release Frequency: Quarterly

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 12/09/2007
Date Data Arrived at EDR: 01/07/2008
Date Made Active in Reports: 02/20/2008
Number of Days to Update: 44

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 02/15/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Varies

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/12/2007
Date Data Arrived at EDR: 12/18/2007
Date Made Active in Reports: 02/20/2008
Number of Days to Update: 64

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/03/2008
Next Scheduled EDR Contact: 06/02/2008
Data Release Frequency: Quarterly

RCRA-TSDF: RCRA - Transporters, Storage and Disposal

RCRAInfo is EPA's 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. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/11/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 12/28/2007
Number of Days to Update: 25

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 03/06/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Quarterly

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's 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. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/11/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 12/28/2007
Number of Days to Update: 25

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 03/06/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's 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. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 09/11/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 12/28/2007
Number of Days to Update: 25

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 03/06/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's 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. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/11/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 12/28/2007
Number of Days to Update: 25

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 03/06/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Varies

RCRA-NonGen: RCRA - Non Generators

RCRAInfo is EPA's 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. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 09/11/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 12/28/2007
Number of Days to Update: 25

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 03/06/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

| | |
|---|---|
| Date of Government Version: 01/18/2008 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 01/31/2008 | Telephone: 703-603-8905 |
| Date Made Active in Reports: 03/17/2008 | Last EDR Contact: 01/02/2008 |
| Number of Days to Update: 46 | Next Scheduled EDR Contact: 03/31/2008 |
| | Data Release Frequency: Varies |

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

| | |
|---|---|
| Date of Government Version: 01/18/2008 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 01/31/2008 | Telephone: 703-603-8905 |
| Date Made Active in Reports: 03/17/2008 | Last EDR Contact: 01/02/2008 |
| Number of Days to Update: 46 | Next Scheduled EDR Contact: 03/31/2008 |
| | Data Release Frequency: Varies |

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

| | |
|---|---|
| Date of Government Version: 12/31/2007 | Source: National Response Center, United States Coast Guard |
| Date Data Arrived at EDR: 01/23/2008 | Telephone: 202-267-2180 |
| Date Made Active in Reports: 03/17/2008 | Last EDR Contact: 01/23/2008 |
| Number of Days to Update: 54 | Next Scheduled EDR Contact: 04/21/2008 |
| | Data Release Frequency: Annually |

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

| | |
|---|---|
| Date of Government Version: 10/31/2007 | Source: U.S. Department of Transportation |
| Date Data Arrived at EDR: 01/17/2008 | Telephone: 202-366-4555 |
| Date Made Active in Reports: 03/17/2008 | Last EDR Contact: 01/17/2008 |
| Number of Days to Update: 60 | Next Scheduled EDR Contact: 04/14/2008 |
| | Data Release Frequency: Annually |

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

| | |
|---|---|
| Date of Government Version: 11/14/2007 | Source: Department of Transportation, Office of Pipeline Safety |
| Date Data Arrived at EDR: 11/29/2007 | Telephone: 202-366-4595 |
| Date Made Active in Reports: 02/20/2008 | Last EDR Contact: 02/27/2008 |
| Number of Days to Update: 83 | Next Scheduled EDR Contact: 05/26/2008 |
| | Data Release Frequency: Varies |

CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site 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. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 12/28/2007
Number of Days to Update: 25

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 12/28/2007
Next Scheduled EDR Contact: 03/24/2008
Data Release Frequency: Quarterly

US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 01/03/2008
Date Data Arrived at EDR: 01/17/2008
Date Made Active in Reports: 02/20/2008
Number of Days to Update: 34

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 01/17/2008
Next Scheduled EDR Contact: 03/10/2008
Data Release Frequency: Semi-Annually

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 703-692-8801
Last EDR Contact: 02/08/2008
Next Scheduled EDR Contact: 05/05/2008
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 08/31/2007
Date Made Active in Reports: 10/11/2007
Number of Days to Update: 41

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 01/02/2008
Next Scheduled EDR Contact: 03/31/2008
Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005
Date Data Arrived at EDR: 12/11/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 31

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 03/10/2008
Next Scheduled EDR Contact: 06/09/2008
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 12/28/2007
Number of Days to Update: 25

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 01/21/2008
Next Scheduled EDR Contact: 04/21/2008
Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 01/14/2008
Date Data Arrived at EDR: 01/22/2008
Date Made Active in Reports: 01/30/2008
Number of Days to Update: 8

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 01/02/2008
Next Scheduled EDR Contact: 03/31/2008
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 07/13/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 03/17/2008
Next Scheduled EDR Contact: 06/16/2008
Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 12/28/2007
Date Data Arrived at EDR: 12/28/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 27

Source: EPA, Region 9
Telephone: 415-972-3336
Last EDR Contact: 12/26/2007
Next Scheduled EDR Contact: 03/24/2008
Data Release Frequency: Varies

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 11/20/2007
Date Data Arrived at EDR: 01/03/2008
Date Made Active in Reports: 02/20/2008
Number of Days to Update: 48

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 01/03/2008
Next Scheduled EDR Contact: 03/24/2008
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 04/27/2007
Date Made Active in Reports: 07/05/2007
Number of Days to Update: 69

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 02/29/2008
Next Scheduled EDR Contact: 06/16/2008
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2002
Date Data Arrived at EDR: 04/14/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 46

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 01/28/2008
Next Scheduled EDR Contact: 04/14/2008
Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 01/15/2008
Date Data Arrived at EDR: 01/22/2008
Date Made Active in Reports: 01/30/2008
Number of Days to Update: 8

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 03/17/2008
Next Scheduled EDR Contact: 06/16/2008
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 01/15/2008
Date Data Arrived at EDR: 01/22/2008
Date Made Active in Reports: 01/30/2008
Number of Days to Update: 8

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 03/17/2008
Next Scheduled EDR Contact: 06/16/2008
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 03/13/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 45

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/28/2008
Next Scheduled EDR Contact: 04/14/2008
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/27/2007
Date Data Arrived at EDR: 08/13/2007
Date Made Active in Reports: 10/11/2007
Number of Days to Update: 59

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 02/07/2008
Next Scheduled EDR Contact: 04/14/2008
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 12/04/2007
Date Data Arrived at EDR: 02/07/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 39

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 02/07/2008
Next Scheduled EDR Contact: 05/05/2008
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 01/15/2008
Date Data Arrived at EDR: 02/07/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 39

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 01/02/2008
Next Scheduled EDR Contact: 03/31/2008
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 01/29/2008
Date Data Arrived at EDR: 01/31/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 46

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 01/31/2008
Next Scheduled EDR Contact: 04/28/2008
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

| | |
|---|--|
| Date of Government Version: 01/04/2008 | Source: EPA |
| Date Data Arrived at EDR: 01/10/2008 | Telephone: (312) 353-2000 |
| Date Made Active in Reports: 02/20/2008 | Last EDR Contact: 01/02/2008 |
| Number of Days to Update: 41 | Next Scheduled EDR Contact: 03/31/2008 |
| | Data Release Frequency: Quarterly |

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

| | |
|---|---|
| Date of Government Version: 04/17/1995 | Source: EPA |
| Date Data Arrived at EDR: 07/03/1995 | Telephone: 202-564-4104 |
| Date Made Active in Reports: 08/07/1995 | Last EDR Contact: 03/03/2008 |
| Number of Days to Update: 35 | Next Scheduled EDR Contact: 06/02/2008 |
| | Data Release Frequency: No Update Planned |

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

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|---|--|
| Date of Government Version: 12/31/2005 | Source: EPA/NTIS |
| Date Data Arrived at EDR: 03/06/2007 | Telephone: 800-424-9346 |
| Date Made Active in Reports: 04/13/2007 | Last EDR Contact: 03/13/2008 |
| Number of Days to Update: 38 | Next Scheduled EDR Contact: 06/09/2008 |
| | Data Release Frequency: Biennially |

STATE AND LOCAL RECORDS

SHWS: This state does not maintain a SHWS list. See the Federal CERCLIS list and Federal NPL list.

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

| | |
|----------------------------------|--|
| Date of Government Version: N/A | Source: Ohio EPA |
| Date Data Arrived at EDR: N/A | Telephone: 614-644-2924 |
| Date Made Active in Reports: N/A | Last EDR Contact: 03/03/2008 |
| Number of Days to Update: N/A | Next Scheduled EDR Contact: 06/02/2008 |
| | Data Release Frequency: N/A |

MSL: Master Sites List

Ohio EPA no longer maintains or publishes the MSL, which was a list of sites with known or suspected contamination. Please be advised that this report does not constitute a determination that any site identified in the report is or may be contaminated.

| | |
|---|--|
| Date of Government Version: 03/01/1999 | Source: Ohio Environmental Protection Agency |
| Date Data Arrived at EDR: 03/29/1999 | Telephone: 614-644-2068 |
| Date Made Active in Reports: 04/21/1999 | Last EDR Contact: 03/03/2008 |
| Number of Days to Update: 23 | Next Scheduled EDR Contact: 06/02/2008 |
| | Data Release Frequency: No Update Planned |

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

TOWNGAS: DERR Towngas Database

The database includes 82 very old sites (circa 1895) which produced gas from coal for street lighting. Most visual evidence of these sites has disappeared, however the potential for buried coal tar remains. The database is no longer in active use.

Date of Government Version: 07/28/1992
Date Data Arrived at EDR: 02/21/2003
Date Made Active in Reports: 03/05/2003
Number of Days to Update: 12

Source: Ohio EPA
Telephone: 614-644-3749
Last EDR Contact: 02/12/2003
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DERR: Division of Emergency & Remedial Response's Database

The DERR listings contains sites from all of Ohio that are in the Division of Emergency and Remedial Response (DERR) database, which is an index of sites for which our district offices maintain files. The database is NOT a record of contaminated sites or sites suspected of contamination. Not all sites in the database are contaminated, and a site's absence from the database does not imply that it is uncontaminated.

Date of Government Version: 12/10/2007
Date Data Arrived at EDR: 12/10/2007
Date Made Active in Reports: 12/28/2007
Number of Days to Update: 18

Source: Ohio EPA, Div. of Emergency and Remedial Response
Telephone: 614-644-3538
Last EDR Contact: 12/10/2007
Next Scheduled EDR Contact: 03/10/2008
Data Release Frequency: Semi-Annually

SWF/LF: Licensed Solid Waste Facilities

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 11/05/2007
Date Data Arrived at EDR: 11/05/2007
Date Made Active in Reports: 12/07/2007
Number of Days to Update: 32

Source: Ohio Environmental Protection Agency
Telephone: 614-644-2621
Last EDR Contact: 02/04/2008
Next Scheduled EDR Contact: 05/05/2008
Data Release Frequency: Annually

HIST LF: Old Solid Waste Landfill

A list of about 1200 old abandoned dumps or landfills. This database was developed from Ohio EPA staff notebooks and other information dating from the mid-1970s

Date of Government Version: 01/01/1980
Date Data Arrived at EDR: 07/01/2003
Date Made Active in Reports: 07/17/2003
Number of Days to Update: 16

Source: Ohio EPA
Telephone: 614-644-3749
Last EDR Contact: 06/26/2003
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

LUST: Leaking Underground Storage Tank File

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 12/12/2007
Date Data Arrived at EDR: 12/13/2007
Date Made Active in Reports: 01/30/2008
Number of Days to Update: 48

Source: Department of Commerce
Telephone: 614-752-7924
Last EDR Contact: 03/13/2008
Next Scheduled EDR Contact: 06/09/2008
Data Release Frequency: Quarterly

UNREG LTANKS: Ohio Leaking UST File

A suspected or confirmed release of petroleum from a non-regulated UST.

Date of Government Version: 08/25/1999
Date Data Arrived at EDR: 08/19/2003
Date Made Active in Reports: 08/26/2003
Number of Days to Update: 7

Source: Department of Commerce
Telephone: 614-752-7938
Last EDR Contact: 08/01/2003
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST: Underground Storage Tank File

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 01/08/2008
Date Data Arrived at EDR: 01/10/2008
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 35

Source: Department of Commerce
Telephone: 614-752-7938
Last EDR Contact: 03/10/2008
Next Scheduled EDR Contact: 06/09/2008
Data Release Frequency: Quarterly

ARCHIVE UST: Archived Underground Storage Tank Sites

Underground storage tank records that have been removed from the Underground Storage Tank database.

Date of Government Version: 01/08/2008
Date Data Arrived at EDR: 01/10/2008
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 35

Source: Department of Commerce, Division of State Fire Marshal
Telephone: 614-752-7938
Last EDR Contact: 03/10/2008
Next Scheduled EDR Contact: 06/09/2008
Data Release Frequency: Quarterly

SPILLS: Emergency Response Database

Incidents reported to the Emergency Response Unit. The focus of the ER program is to minimize the impact on the environment from accidental releases, spills, and unauthorized discharges from any fixed or mobile sources. Incidents involving petroleum products, hazardous materials, hazardous waste, abandoned drums, or other materials which may pose as a pollution threat to the state's water, land, or air should be reported immediately. Not all incidents included in the database are actual SPILLS, they can simply be reported incidents.

Date of Government Version: 12/03/2007
Date Data Arrived at EDR: 12/06/2007
Date Made Active in Reports: 12/28/2007
Number of Days to Update: 22

Source: Ohio EPA
Telephone: 614-644-2084
Last EDR Contact: 03/03/2008
Next Scheduled EDR Contact: 06/02/2008
Data Release Frequency: Varies

ENG CONTROLS: Sites with Engineering Controls

A database that tracks properties with engineering controls.

Date of Government Version: 12/03/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 12/07/2007
Number of Days to Update: 4

Source: Ohio EPA
Telephone: 614-644-2306
Last EDR Contact: 03/03/2008
Next Scheduled EDR Contact: 06/02/2008
Data Release Frequency: Semi-Annually

INST CONTROL: Sites with Institutional Engineering Controls

A database that tracks properties with institutional controls.

Date of Government Version: 12/03/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 12/07/2007
Number of Days to Update: 4

Source: Ohio Environmental Protection Agency
Telephone: 614-644-2306
Last EDR Contact: 03/03/2008
Next Scheduled EDR Contact: 06/02/2008
Data Release Frequency: Semi-Annually

VCP: Voluntary Action Program Sites

Site involved in the Voluntary Action Program.

Date of Government Version: 12/03/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 12/07/2007
Number of Days to Update: 4

Source: Ohio EPA, Voluntary Action Program
Telephone: 614-728-1298
Last EDR Contact: 03/03/2008
Next Scheduled EDR Contact: 06/02/2008
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DRYCLEANERS: Drycleaner Facility Listing

A listing of drycleaner facility locations.

Date of Government Version: 01/28/2008

Date Data Arrived at EDR: 01/29/2008

Date Made Active in Reports: 02/14/2008

Number of Days to Update: 16

Source: Ohio EPA

Telephone: 614-644-3469

Last EDR Contact: 01/22/2008

Next Scheduled EDR Contact: 04/21/2008

Data Release Frequency: Varies

BROWNFIELDS: Ohio Brownfield Inventory

A statewide brownfields inventory. A brownfield is an abandoned, idled or under-used industrial or commercial property where expansion or redevelopment is complicated by known or potential releases of hazardous substances and/or petroleum.

Date of Government Version: 01/08/2008

Date Data Arrived at EDR: 01/30/2008

Date Made Active in Reports: 02/14/2008

Number of Days to Update: 15

Source: Ohio EPA

Telephone: 614-644-3748

Last EDR Contact: 01/08/2008

Next Scheduled EDR Contact: 04/07/2008

Data Release Frequency: Varies

CDL: Clandestine Drug Lab Locations

A list of clandestine drug lab sites with environmental impact. This list is extracted from the SPILLS database based on the "product" type.

Date of Government Version: 10/05/2007

Date Data Arrived at EDR: 10/09/2007

Date Made Active in Reports: 12/07/2007

Number of Days to Update: 59

Source: Ohio EPA

Telephone: 614-644-2080

Last EDR Contact: 03/03/2008

Next Scheduled EDR Contact: 06/02/2008

Data Release Frequency: Varies

NPDES: NPDES General Permit List

General information regarding NPDES (National Pollutant Discharge Elimination System) permits.

Date of Government Version: 12/11/2007

Date Data Arrived at EDR: 12/21/2007

Date Made Active in Reports: 01/30/2008

Number of Days to Update: 40

Source: Ohio EPA

Telephone: 614-644-2031

Last EDR Contact: 03/05/2008

Next Scheduled EDR Contact: 06/02/2008

Data Release Frequency: Semi-Annually

AIRS: Title V Permits Listing

A listing of Title V Permits issued by the Division of Air Pollution Control. It is a federal operating permit program adopted and implemented by the state. The basic program elements typically specify that major sources will submit an operating application to the specified state environmental regulatory agency according to a schedule.

Date of Government Version: 01/16/2008

Date Data Arrived at EDR: 01/17/2008

Date Made Active in Reports: 01/30/2008

Number of Days to Update: 13

Source: Ohio EPA

Telephone: 614-644-2270

Last EDR Contact: 01/17/2008

Next Scheduled EDR Contact: 04/14/2008

Data Release Frequency: Varies

USD: Urban Setting Designation Sites

A USD may be requested for properties participating in the VAP when there is no current or future use of the ground water by local residents for drinking, showering, bathing or cooking. In these areas, an approved USD would lower the cost of cleanup and promote economic redevelopment while still protecting public health and safety. If these USDs were to be approved, the ground water cleanup or response requirements for the areas could be lessened. The Ohio EPA director may approve a USD request based on a demonstration that the USD requirements are met and an evaluation of existing and future uses of ground water in the area. The Ohio EPA director's decision on approval or denial of the request is needed before cleanup requirements for the site can be determined.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/16/2007
Date Data Arrived at EDR: 12/06/2007
Date Made Active in Reports: 12/28/2007
Number of Days to Update: 22

Source: Ohio EPA
Telephone: 614-644-3749
Last EDR Contact: 03/06/2008
Next Scheduled EDR Contact: 06/02/2008
Data Release Frequency: Varies

HIST USD: Urban Setting Designations Database

A USD may be requested for properties participating in the VAP when there is no current or future use of the ground water by local residents for drinking, showering, bathing or cooking. In these areas, an approved USD would lower the cost of cleanup and promote economic redevelopment while still protecting public health and safety. If these USDs were to be approved, the ground water cleanup or response requirements for the areas could be lessened. The Ohio EPA director may approve a USD request based on a demonstration that the USD requirements are met and an evaluation of existing and future uses of ground water in the area. The Ohio EPA director's decision on approval or denial of the request is needed before cleanup requirements for the site can be determined. This database is no longer updated or maintained by the state agency.

Date of Government Version: 05/10/2005
Date Data Arrived at EDR: 04/25/2006
Date Made Active in Reports: 05/11/2006
Number of Days to Update: 16

Source: Ohio EPA
Telephone: 614-644-3749
Last EDR Contact: 03/03/2008
Next Scheduled EDR Contact: 06/02/2008
Data Release Frequency: No Update Planned

HIST INST CONTROLS: Institutional Controls Database

"Institutional control" is a restriction that is recorded in the same manner as a deed which limits access to or use of the property such that exposure to hazardous substances or petroleum are effectively and reliably eliminated or mitigated. Examples of institutional controls include land and water use restrictions. This database is no longer updated or maintained by the state agency.

Date of Government Version: 05/10/2005
Date Data Arrived at EDR: 04/06/2006
Date Made Active in Reports: 05/04/2006
Number of Days to Update: 28

Source: Ohio EPA
Telephone: 614-644-2306
Last EDR Contact: 03/03/2008
Next Scheduled EDR Contact: 06/02/2008
Data Release Frequency: No Update Planned

HIST ENG CONTROLS: Operation & Maintenance Agreements Database

Volunteers that complete a voluntary action that relies on the ongoing operation and maintenance (O&M) of an engineered control to make the site protective (e.g. cap systems and ground water treatment systems) must enter into a legally binding agreement with the Ohio EPA before the director issues a covenant not to sue. This O&M Agreement must describe how the remedy is constructed and how it will be monitored, maintained and repaired. It also lays out inspection opportunities for the agency. Companies must document that they have the financial capability to operate any remedy relied on, before the agency will agree to enter into the O&M Agreement. The statute requires that the agency be notified of any change in ownership. This database is no longer updated or maintained by the state agency.

Date of Government Version: 05/10/2005
Date Data Arrived at EDR: 04/04/2006
Date Made Active in Reports: 05/04/2006
Number of Days to Update: 30

Source: Ohio EPA
Telephone: 614-644-2306
Last EDR Contact: 03/03/2008
Next Scheduled EDR Contact: 06/02/2008
Data Release Frequency: No Update Planned

TRIBAL RECORDS

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 02/08/2008
Next Scheduled EDR Contact: 05/05/2008
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998

Date Data Arrived at EDR: 12/03/2007

Date Made Active in Reports: 01/24/2008

Number of Days to Update: 52

Source: Environmental Protection Agency

Telephone: 703-308-8245

Last EDR Contact: 02/25/2008

Next Scheduled EDR Contact: 05/26/2008

Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 12/01/2006

Date Data Arrived at EDR: 12/01/2006

Date Made Active in Reports: 01/29/2007

Number of Days to Update: 59

Source: EPA Region 1

Telephone: 617-918-1313

Last EDR Contact: 02/15/2008

Next Scheduled EDR Contact: 05/19/2008

Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 06/01/2007

Date Data Arrived at EDR: 06/14/2007

Date Made Active in Reports: 07/05/2007

Number of Days to Update: 21

Source: EPA Region 7

Telephone: 913-551-7003

Last EDR Contact: 02/15/2008

Next Scheduled EDR Contact: 05/19/2008

Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 02/28/2008

Date Data Arrived at EDR: 02/29/2008

Date Made Active in Reports: 03/17/2008

Number of Days to Update: 17

Source: EPA Region 6

Telephone: 214-665-6597

Last EDR Contact: 02/15/2008

Next Scheduled EDR Contact: 05/19/2008

Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 09/05/2007

Date Data Arrived at EDR: 10/02/2007

Date Made Active in Reports: 10/11/2007

Number of Days to Update: 9

Source: EPA Region 4

Telephone: 404-562-8677

Last EDR Contact: 02/15/2008

Next Scheduled EDR Contact: 05/19/2008

Data Release Frequency: Semi-Annually

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 02/20/2008

Date Data Arrived at EDR: 03/04/2008

Date Made Active in Reports: 03/17/2008

Number of Days to Update: 13

Source: EPA Region 8

Telephone: 303-312-6271

Last EDR Contact: 02/15/2008

Next Scheduled EDR Contact: 05/19/2008

Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/27/2007

Date Data Arrived at EDR: 12/03/2007

Date Made Active in Reports: 01/24/2008

Number of Days to Update: 52

Source: EPA Region 10

Telephone: 206-553-2857

Last EDR Contact: 02/15/2008

Next Scheduled EDR Contact: 05/19/2008

Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Arizona, California, New Mexico and Nevada

| | |
|---|---|
| Date of Government Version: 02/25/2008 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 02/26/2008 | Telephone: 415-972-3372 |
| Date Made Active in Reports: 03/17/2008 | Last EDR Contact: 02/15/2008 |
| Number of Days to Update: 20 | Next Scheduled EDR Contact: 05/19/2008 |
| | Data Release Frequency: Quarterly |

INDIAN UST R6: Underground Storage Tanks on Indian Land No description is available for this data

| | |
|---|--|
| Date of Government Version: 02/28/2008 | Source: EPA Region 6 |
| Date Data Arrived at EDR: 02/29/2008 | Telephone: 214-665-7591 |
| Date Made Active in Reports: 03/17/2008 | Last EDR Contact: 02/15/2008 |
| Number of Days to Update: 17 | Next Scheduled EDR Contact: 05/19/2008 |
| | Data Release Frequency: Semi-Annually |

INDIAN UST R7: Underground Storage Tanks on Indian Land No description is available for this data

| | |
|---|--|
| Date of Government Version: 06/01/2007 | Source: EPA Region 7 |
| Date Data Arrived at EDR: 06/14/2007 | Telephone: 913-551-7003 |
| Date Made Active in Reports: 07/05/2007 | Last EDR Contact: 02/15/2008 |
| Number of Days to Update: 21 | Next Scheduled EDR Contact: 05/19/2008 |
| | Data Release Frequency: Varies |

INDIAN UST R4: Underground Storage Tanks on Indian Land No description is available for this data

| | |
|---|--|
| Date of Government Version: 09/05/2007 | Source: EPA Region 4 |
| Date Data Arrived at EDR: 10/02/2007 | Telephone: 404-562-9424 |
| Date Made Active in Reports: 10/11/2007 | Last EDR Contact: 02/15/2008 |
| Number of Days to Update: 9 | Next Scheduled EDR Contact: 05/19/2008 |
| | Data Release Frequency: Semi-Annually |

INDIAN UST R10: Underground Storage Tanks on Indian Land No description is available for this data

| | |
|---|--|
| Date of Government Version: 11/27/2007 | Source: EPA Region 10 |
| Date Data Arrived at EDR: 12/03/2007 | Telephone: 206-553-2857 |
| Date Made Active in Reports: 01/24/2008 | Last EDR Contact: 02/15/2008 |
| Number of Days to Update: 52 | Next Scheduled EDR Contact: 05/19/2008 |
| | Data Release Frequency: Quarterly |

INDIAN UST R9: Underground Storage Tanks on Indian Land No description is available for this data

| | |
|---|--|
| Date of Government Version: 11/30/2007 | Source: EPA Region 9 |
| Date Data Arrived at EDR: 12/03/2007 | Telephone: 415-972-3368 |
| Date Made Active in Reports: 01/24/2008 | Last EDR Contact: 02/15/2008 |
| Number of Days to Update: 52 | Next Scheduled EDR Contact: 05/19/2008 |
| | Data Release Frequency: Quarterly |

INDIAN UST R1: Underground Storage Tanks on Indian Land A listing of underground storage tank locations on Indian Land.

| | |
|---|--|
| Date of Government Version: 12/01/2006 | Source: EPA, Region 1 |
| Date Data Arrived at EDR: 12/01/2006 | Telephone: 617-918-1313 |
| Date Made Active in Reports: 01/29/2007 | Last EDR Contact: 02/15/2008 |
| Number of Days to Update: 59 | Next Scheduled EDR Contact: 05/19/2008 |
| | Data Release Frequency: Varies |

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R5: Underground Storage Tanks on Indian Land

No description is available for this data

Date of Government Version: 12/21/2007
Date Data Arrived at EDR: 12/21/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 34

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 12/21/2007
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

No description is available for this data

Date of Government Version: 02/20/2008
Date Data Arrived at EDR: 03/04/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 13

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 02/15/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Quarterly

EDR PROPRIETARY RECORDS

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 06/15/2007
Date Made Active in Reports: 08/20/2007
Number of Days to Update: 66

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 03/14/2008
Next Scheduled EDR Contact: 06/09/2008
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 09/30/2007
Date Data Arrived at EDR: 12/04/2007
Date Made Active in Reports: 12/31/2007
Number of Days to Update: 27

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 01/03/2008
Next Scheduled EDR Contact: 03/31/2008
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 11/26/2007
Date Data Arrived at EDR: 11/29/2007
Date Made Active in Reports: 02/05/2008
Number of Days to Update: 68

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 02/28/2008
Next Scheduled EDR Contact: 05/26/2008
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 12/21/2007
Date Made Active in Reports: 01/10/2008
Number of Days to Update: 20

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 03/10/2008
Next Scheduled EDR Contact: 06/09/2008
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 10/01/2007
Date Data Arrived at EDR: 11/09/2007
Date Made Active in Reports: 01/15/2008
Number of Days to Update: 67

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 03/17/2008
Next Scheduled EDR Contact: 06/16/2008
Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data

Hazardous waste manifest information.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 04/03/2007
Date Made Active in Reports: 04/24/2007
Number of Days to Update: 21

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 02/11/2008
Next Scheduled EDR Contact: 05/12/2008
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 04/27/2007
Date Made Active in Reports: 06/08/2007
Number of Days to Update: 42

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 01/07/2008
Next Scheduled EDR Contact: 04/07/2008
Data Release Frequency: Annually

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health
Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Child Day Care Facilities

Source: Department of Job & Family Services

Telephone: 614-466-6282

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory

Source: Department of Natural Resources

Telephone: 614-265-1044

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GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

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Source: Department of Job & Family Services

Telephone: 614-466-6282

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NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

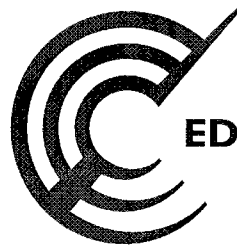
State Wetlands Data: Wetlands Inventory

Source: Department of Natural Resources

Telephone: 614-265-1044

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EDR® Environmental
Data Resources Inc

EDR Site Report™

**VACANT LAND I 90 & VROOMAN RD
VROOMAN RD N OF I 90
LEROY, OH 44077**

Inquiry Number:

March 25, 2008

The Standard in Environmental Risk Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

TABLE OF CONTENTS

The EDR-Site Report™ is a comprehensive presentation of government filings on a facility identified in a search of over 4 million government records from more than 600 federal, state and local environmental databases. The report is divided into three sections:

Section 1: Facility Summary Page 3

Summary of facility filings including a review of the following areas: waste management, waste disposal, multi-media issues, and Superfund liability.

Section 2: Facility Detail Reports Page 4

All available detailed information from databases where sites are identified.

Section 3: Databases Searched and Update Information. Page 5

Name, source, update dates, contact phone number and description of each of the databases searched for this report.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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SECTION 1: FACILITY SUMMARY

| FACILITY AREA | FACILITY 1 VACANT LAND I 90 & VROOMAN RD VROOMAN RD N OF I 90 LEROY, OH 44077 EDR ID #S107761540 |
|--|--|
| WASTE MANAGEMENT Facility generates hazardous waste (RCRA) | NO |
| Facility treats, stores, or disposes of hazardous waste on-site (RCRA/TSD) | NO |
| Facility has received Notices of Violations (RCRA/VIOL) | NO |
| Facility has been subject to RCRA administrative actions (RAATS) | NO |
| Facility has been subject to corrective actions (CORRACTS) | NO |
| Facility handles PCBs (PADS) | NO |
| Facility uses radioactive materials (MLTS) | NO |
| Facility manages registered aboveground storage tanks (AST) | NO |
| Facility manages registered underground storage tanks (UST) | NO |
| Facility has reported leaking underground storage tank incidents (LUST) | NO |
| Facility has reported emergency releases to the soil (ERNS) | NO |
| Facility has reported hazardous material incidents to DOT (HMIRS) | NO |
| WASTE DISPOSAL Facility is a Superfund Site (NPL) | NO |
| Facility has a known or suspect abandoned, inactive or uncontrolled hazardous waste site (CERCLIS) | NO |
| Facility has a reported Superfund Lien on it (LIENS) | NO |
| Facility is listed as a state hazardous waste site (SHWS) | NO |
| Facility has disposed of solid waste on-site (SWF/LF) | NO |
| MULTIMEDIA Facility uses toxic chemicals and has notified EPA under SARA Title III, Section 313 (TRIS) | NO |
| Facility produces pesticides and has notified EPA under Section 7 of FIFRA (SSTS) | NO |
| Facility manufactures or imports toxic chemicals on the TSCA list (TSCA) | NO |
| Facility has inspections under FIFRA, TSCA or EPCRA (FTTS) | NO |
| Facility is listed in EPA's index system (FINDS) | NO |
| Facility is listed in a county/local unique database (LOCAL) | YES - p4 |
| POTENTIAL SUPERFUND LIABILITY Facility has a list of potentially responsible parties PRP | NO |
| TOTAL (YES) | 1 |

SECTION 2: FACILITY DETAIL REPORTS

MULTIMEDIA

Facility is listed in a county/local unique database

DATABASE: State/County (LOCAL)

VACANT LAND I 90 & VROOMAN RD
VROOMAN RD N OF I 90
LEROY, OH 44077
EDR ID #S107761540

OH NPDES:

| | |
|------------------------|---------------------------------------|
| Facility Telephone: | Not reported |
| Facility Contact: | Not reported |
| Effective Date: | Not reported |
| Expiration Date: | Not reported |
| Township: | Not reported |
| Facility Npdes Permit: | 3GC00028*AG |
| Applicant Name: | RICHARD OSBORNE |
| Applicant Address: | 8500 STATION ST #113 MENTOR, OH 44060 |
| Issue Date: | 05/01/03 |

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

To maintain currency of the following federal, state and local databases, EDR contacts the appropriate government agency on a monthly or quarterly basis as required.

Elapsed ASTM days: Provides confirmation that this report meets or exceeds the 90-day updating requirement of the ASTM standard.

WASTE MANAGEMENT

RCRA-TSDF: RCRA - Transporters, Storage and Disposal

Source: Environmental Protection Agency

Telephone: 703-308-0035

RCRAInfo is EPA's 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. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 09/11/2007

Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/06/2008

Date of Next Scheduled Update: 05/19/2008

RCRA-LQG: RCRA - Large Quantity Generators

Source: Environmental Protection Agency

Telephone: 703-308-0035

RCRAInfo is EPA's 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. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/11/2007

Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/06/2008

Date of Next Scheduled Update: 05/19/2008

RCRA-SQG: RCRA - Small Quantity Generators

Source: Environmental Protection Agency

Telephone: 703-308-0035

RCRAInfo is EPA's 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. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 09/11/2007

Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/06/2008

Date of Next Scheduled Update: 05/19/2008

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generator

Source: Environmental Protection Agency

Telephone: 703-308-0035

RCRAInfo is EPA's 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. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/11/2007

Database Release Frequency: Varies

Date of Last EDR Contact: 03/06/2008

Date of Next Scheduled Update: 05/19/2008

RCRA-NonGen: RCRA - Non Generators

Source: Environmental Protection Agency

Telephone: 703-308-0035

RCRAInfo is EPA's 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. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 09/11/2007

Database Release Frequency: Varies

Date of Last EDR Contact: 03/06/2008

Date of Next Scheduled Update: 05/19/2008

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

BRS: Biennial Reporting System

Source: EPA/NTIS

Telephone: 800-424-9346

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2005
Database Release Frequency: Biennially

Date of Last EDR Contact: 03/13/2008
Date of Next Scheduled Update: 06/09/2008

RAATS: RCRA Administrative Action Tracking System

Source: EPA

Telephone: 202-564-4104

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 03/03/2008
Date of Next Scheduled Update: 06/02/2008

CORRACTS: Corrective Action Report

Source: EPA

Telephone: 800-424-9346

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/12/2007
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/03/2008
Date of Next Scheduled Update: 06/02/2008

PADS: PCB Activity Database System

Source: EPA

Telephone: 202-566-0500

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 12/04/2007
Database Release Frequency: Annually

Date of Last EDR Contact: 02/07/2008
Date of Next Scheduled Update: 05/05/2008

MLTS: Material Licensing Tracking System

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 01/15/2008
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/02/2008
Date of Next Scheduled Update: 03/31/2008

OH UST: Underground Storage Tank Tank File

Source: Department of Commerce

Telephone: 614-752-7938

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 01/08/2008
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/10/2008
Date of Next Scheduled Update: 06/09/2008

OH LUST: Leaking Underground Storage Tank File

Source: Department of Commerce

Telephone: 614-752-7924

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 03/11/2008
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/13/2008
Date of Next Scheduled Update: 06/09/2008

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

ERNS: Emergency Response Notification System

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2007

Database Release Frequency: Annually

Date of Last EDR Contact: 01/23/2008

Date of Next Scheduled Update: 04/21/2008

HMIRS: Hazardous Materials Information Reporting System

Source: U.S. Department of Transportation

Telephone: 202-366-4555

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 10/31/2007

Database Release Frequency: Annually

Date of Last EDR Contact: 01/17/2008

Date of Next Scheduled Update: 04/14/2008

WASTE DISPOSAL

NPL: National Priority List

Source: EPA

Telephone: Not reported

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 01/31/2008

Date Made Active at EDR: 03/17/2008

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 02/08/2008

Elapsed ASTM Days: 38

Date of Last EDR Contact: 01/28/2008

Proposed NPL: Proposed National Priority List Sites

Source: EPA

Telephone: Not reported

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 01/31/2008

Date Made Active at EDR: 03/17/2008

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 02/04/2008

Elapsed ASTM Days: 42

Date of Last EDR Contact: 01/28/2008

DELISTED NPL: National Priority List Deletions

Source: EPA

Telephone: Not reported

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.

Date of Government Version: 01/31/2008

Date Made Active at EDR: 03/17/2008

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 02/08/2008

Elapsed ASTM Days: 38

Date of Last EDR Contact: 01/28/2008

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

Source: EPA

Telephone: 703-412-9810

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 01/09/2008

Date Made Active at EDR: 02/20/2008

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 02/05/2008

Elapsed ASTM Days: 15

Date of Last EDR Contact: 03/20/2008

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Source: EPA

Telephone: 703-412-9810

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates 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), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. 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.

Date of Government Version: 12/03/2007
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/17/2008
Date of Next Scheduled Update: 06/16/2008

ROD: Records Of Decision

Source: EPA

Telephone: 703-416-0223

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 01/14/2008
Database Release Frequency: Annually

Date of Last EDR Contact: 01/02/2008
Date of Next Scheduled Update: 03/31/2008

NPL LIENS: Federal Superfund Liens

Source: EPA

Telephone: 202-564-4267

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Made Active at EDR: 03/30/1994
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 02/02/1994
Elapsed ASTM Days: 56
Date of Last EDR Contact: 02/19/2008

OH SHWS: This state does not maintain a SHWS list. See the Federal CERCLIS list and Federal NPL list.

Source: Ohio EPA

Telephone: 614-644-2924

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: Not reported
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 03/03/2008
Date of Next Scheduled Update: 06/02/2008

OH SWF/LF: Licensed Solid Waste Facilities

Source: Ohio Environmental Protection Agency

Telephone: 614-644-2621

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 02/14/2008
Database Release Frequency: Annually

Date of Last EDR Contact: 02/04/2008
Date of Next Scheduled Update: 05/05/2008

MULTIMEDIA

TRIS: Toxic Chemical Release Inventory System

Source: EPA

Telephone: 202-566-0250

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2005
Database Release Frequency: Annually

Date of Last EDR Contact: 02/29/2008
Date of Next Scheduled Update: 06/16/2008

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

SSTS: Section 7 Tracking Systems

Source: EPA

Telephone: 202-564-4203

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2005
Database Release Frequency: Annually

Date of Last EDR Contact: 01/28/2008
Date of Next Scheduled Update: 04/14/2008

TSCA: Toxic Substances Control Act

Source: EPA

Telephone: 202-260-5521

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2002
Database Release Frequency: N/A

Date of Last EDR Contact: 01/28/2008
Date of Next Scheduled Update: 04/14/2008

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Telephone: 202-566-1667

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 01/15/2008
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/17/2008
Date of Next Scheduled Update: 06/16/2008

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Source: EPA

Telephone: 202-566-1667

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 01/15/2008
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/17/2008
Date of Next Scheduled Update: 06/16/2008

FINDS: Facility Index System/Facility Registry System

Source: EPA

Telephone: Not reported

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 01/04/2008
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/02/2008
Date of Next Scheduled Update: 03/31/2008

RMP: Risk Management Plans

Source: Environmental Protection Agency

Telephone: 202-564-8600

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances.

The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 11/01/2007
Database Release Frequency: Varies

Date of Last EDR Contact: 02/15/2008
Date of Next Scheduled Update: 05/19/2008

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

STORMWATER: Storm Water General Permits

Source: Environmental Protection Agency

Telephone: 202-564-0746

A listing of all facilities with Storm Water General Permits.

Date of Government Version: 06/02/2005

Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/02/2008

Date of Next Scheduled Update: 03/31/2008

US ENG CONTROLS: Engineering Controls Sites List

Source: Environmental Protection Agency

Telephone: 703-603-8905

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 01/18/2008

Database Release Frequency: Varies

Date of Last EDR Contact: 01/02/2008

Date of Next Scheduled Update: 03/31/2008

US INST CONTROL: Sites with Institutional Controls

Source: Environmental Protection Agency

Telephone: 703-603-8905

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 01/18/2008

Database Release Frequency: Varies

Date of Last EDR Contact: 01/02/2008

Date of Next Scheduled Update: 03/31/2008

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

Source: EPA Region 1

Telephone: 617-918-1313

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 03/12/2008

Database Release Frequency: Varies

Date of Last EDR Contact: 02/15/2008

Date of Next Scheduled Update: 05/19/2008

RADINFO: Radiation Information Database

Source: Environmental Protection Agency

Telephone: 202-343-9775

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 01/29/2008

Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/31/2008

Date of Next Scheduled Update: 04/28/2008

LUCIS: Land Use Control Information System

Source: Department of the Navy

Telephone: 843-820-7326

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005

Database Release Frequency: Varies

Date of Last EDR Contact: 03/10/2008

Date of Next Scheduled Update: 06/09/2008

CDL: Clandestine Drug Labs

Source: Drug Enforcement Administration

Telephone: 202-307-1000

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site 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. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007

Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/28/2007

Date of Next Scheduled Update: 03/24/2008

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

OH DERR: Division of Emergency & Remedial Response's Database

Source: Ohio EPA, Div. of Emergency and Remedial Response
Telephone: 614-644-3538

The DERR listings contains sites from all of Ohio that are in the Division of Emergency and Remedial Response (DERR) database, which is an index of sites for which our district offices maintain files. The database is NOT a record of contaminated sites or sites suspected of contamination. Not all sites in the database are contaminated, and a site's absence from the database does not imply that it is uncontaminated.

Date of Government Version: 03/11/2008
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 12/10/2007
Date of Next Scheduled Update: 03/10/2008

OH TOWNGAS: DERR Towngas Database

Source: Ohio EPA
Telephone: 614-644-3749

The database includes 82 very old sites (circa 1895) which produced gas from coal for street lighting. Most visual evidence of these sites has disappeared, however the potential for buried coal tar remains. The database is no longer in active use.

Date of Government Version: 07/28/1992
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 02/12/2003
Date of Next Scheduled Update: Not reported

OH MSL: Master Sites List

Source: Ohio Environmental Protection Agency
Telephone: 614-644-2068

Ohio EPA no longer maintains or publishes the MSL, which was a list of sites with known or suspected contamination. Please be advised that this report does not constitute a determination that any site identified in the report is or may be contaminated.

Date of Government Version: 03/01/1999
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 03/03/2008
Date of Next Scheduled Update: 06/02/2008

OH HIST LF: Old Solid Waste Landfill

Source: Ohio EPA
Telephone: 614-644-3749

A list of about 1200 old abandoned dumps or landfills. This database was developed from Ohio EPA staff notebooks and other information dating from the mid-1970s

Date of Government Version: 01/01/1980
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 06/26/2003
Date of Next Scheduled Update: Not reported

OH UNREG LTANKS: Ohio Leaking UST File

Source: Department of Commerce
Telephone: 614-752-7938

A suspected or confirmed release of petroleum from a non-regulated UST.

Date of Government Version: 08/25/1999
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 08/01/2003
Date of Next Scheduled Update: Not reported

OH ARCHIVE UST: Archived Underground Storage Tank Sites

Source: Department of Commerce, Division of State Fire Marshal
Telephone: 614-752-7938

Underground storage tank records that have been removed from the Underground Storage Tank database.

Date of Government Version: 01/08/2008
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/10/2008
Date of Next Scheduled Update: 06/09/2008

OH SPILLS: Emergency Response Database

Source: Ohio EPA
Telephone: 614-644-2084

Incidents reported to the Emergency Response Unit. The focus of the ER program is to minimize the impact on the environment from accidental releases, spills, and unauthorized discharges from any fixed or mobile sources. Incidents involving petroleum products, hazardous materials, hazardous waste, abandoned drums, or other materials which may pose as a pollution threat to the state's water, land, or air should be reported immediately. Not all incidents included in the database are actual SPILLS, they can simply be reported incidents.

Date of Government Version: 03/01/2008
Database Release Frequency: Varies

Date of Last EDR Contact: 03/03/2008
Date of Next Scheduled Update: 06/02/2008

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

OH ENG CONTROLS: Sites with Engineering Controls

Source: Ohio EPA
Telephone: 614-644-2306

A database that tracks properties with engineering controls.

Date of Government Version: 03/05/2008
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/03/2008
Date of Next Scheduled Update: 06/02/2008

OH INST CONTROL: Sites with Institutional Engineering Controls

Source: Ohio Environmental Protection Agency
Telephone: 614-644-2306

A database that tracks properties with institutional controls.

Date of Government Version: 03/05/2008
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/03/2008
Date of Next Scheduled Update: 06/02/2008

OH VCP: Voluntary Action Program Sites

Source: Ohio EPA, Voluntary Action Program
Telephone: 614-728-1298

Site involved in the Voluntary Action Program.

Date of Government Version: 03/06/2008
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/03/2008
Date of Next Scheduled Update: 06/02/2008

OH DRYCLEANERS: Drycleaner Facility Listing

Source: Ohio EPA
Telephone: 614-644-3469

A listing of drycleaner facility locations.

Date of Government Version: 01/28/2008
Database Release Frequency: Varies

Date of Last EDR Contact: 01/22/2008
Date of Next Scheduled Update: 04/21/2008

OH BROWNFIELDS: Ohio Brownfield Inventory

Source: Ohio EPA
Telephone: 614-644-3748

A statewide brownfields inventory. A brownfield is an abandoned, idled or under-used industrial or commercial property where expansion or redevelopment is complicated by known or potential releases of hazardous substances and/or petroleum.

Date of Government Version: 01/08/2008
Database Release Frequency: Varies

Date of Last EDR Contact: 01/08/2008
Date of Next Scheduled Update: 04/07/2008

OH CDL: Clandestine Drug Lab Locations

Source: Ohio EPA
Telephone: 614-644-2080

A list of clandestine drug lab sites with environmental impact. This list is extracted from the SPILLS database based on the "product" type.

Date of Government Version: 03/01/2008
Database Release Frequency: Varies

Date of Last EDR Contact: 03/03/2008
Date of Next Scheduled Update: 06/02/2008

OH NPDES: NPDES General Permit List

Source: Ohio EPA
Telephone: 614-644-2031

General information regarding NPDES (National Pollutant Discharge Elimination System) permits.

Date of Government Version: 02/27/2008
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/05/2008
Date of Next Scheduled Update: 06/02/2008

OH AIRS: Title V Permits Listing

Source: Ohio EPA
Telephone: 614-644-2270

A listing of Title V Permits issued by the Division of Air Pollution Control. It is a federal operating permit program adopted and implemented by the state. The basic program elements typically specify that major sources will submit an operating application to the specified state environmental regulatory agency according to a schedule.

Date of Government Version: 01/16/2008
Database Release Frequency: Varies

Date of Last EDR Contact: 01/17/2008
Date of Next Scheduled Update: 04/14/2008

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

OH USD: Urban Setting Designation Sites

Source: Ohio EPA
Telephone: 614-644-3749

A USD may be requested for properties participating in the VAP when there is no current or future use of the ground water by local residents for drinking, showering, bathing or cooking. In these areas, an approved USD would lower the cost of cleanup and promote economic redevelopment while still protecting public health and safety. If these USDs were to be approved, the ground water cleanup or response requirements for the areas could be lessened. The Ohio EPA director may approve a USD request based on a demonstration that the USD requirements are met and an evaluation of existing and future uses of ground water in the area. The Ohio EPA director's decision on approval or denial of the request is needed before cleanup requirements for the site can be determined.

Date of Government Version: 11/16/2007
Database Release Frequency: Varies

Date of Last EDR Contact: 03/06/2008
Date of Next Scheduled Update: 06/02/2008

OH HIST USD: Urban Setting Designations Database

Source: Ohio EPA
Telephone: 614-644-3749

A USD may be requested for properties participating in the VAP when there is no current or future use of the ground water by local residents for drinking, showering, bathing or cooking. In these areas, an approved USD would lower the cost of cleanup and promote economic redevelopment while still protecting public health and safety. If these USDs were to be approved, the ground water cleanup or response requirements for the areas could be lessened. The Ohio EPA director may approve a USD request based on a demonstration that the USD requirements are met and an evaluation of existing and future uses of ground water in the area. The Ohio EPA director's decision on approval or denial of the request is needed before cleanup requirements for the site can be determined. This database is no longer updated or maintained by the state agency.

Date of Government Version: 05/10/2005
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 03/03/2008
Date of Next Scheduled Update: 06/02/2008

OH HIST INST CONTROLS: Institutional Controls Database

Source: Ohio EPA
Telephone: 614-644-2306

"Institutional control" is a restriction that is recorded in the same manner as a deed which limits access to or use of the property such that exposure to hazardous substances or petroleum are effectively and reliably eliminated or mitigated. Examples of institutional controls include land and water use restrictions. This database is no longer updated or maintained by the state agency.

Date of Government Version: 05/10/2005
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 03/03/2008
Date of Next Scheduled Update: 06/02/2008

OH HIST ENG CONTROLS: Operation & Maintenance Agreements Database

Source: Ohio EPA
Telephone: 614-644-2306

Volunteers that complete a voluntary action that relies on the ongoing operation and maintenance (O&M) of an engineered control to make the site protective (e.g. cap systems and ground water treatment systems) must enter into a legally binding agreement with the Ohio EPA before the director issues a covenant not to sue. This O&M Agreement must describe how the remedy is constructed and how it will be monitored, maintained and repaired. It also lays out inspection opportunities for the agency. Companies must document that they have the financial capability to operate any remedy relied on, before the agency will agree to enter into the O&M Agreement. The statute requires that the agency be notified of any change in ownership. This database is no longer updated or maintained by the state agency.

Date of Government Version: 05/10/2005
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 03/03/2008
Date of Next Scheduled Update: 06/02/2008

OH DAY CARE: Licensed Child Day Care Facilities

Source: Department of Job & Family Services
Telephone: 614-466-6282

Date of Government Version: 02/12/2008
Database Release Frequency: N/A

Date of Last EDR Contact: 12/19/2007
Date of Next Scheduled Update: Not reported

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

POTENTIAL SUPERFUND LIABILITY

PRP: Potentially Responsible Parties

Source: EPA

Telephone: 202-564-6064

A listing of verified Potentially Responsible Parties

Date of Government Version: 01/24/2008

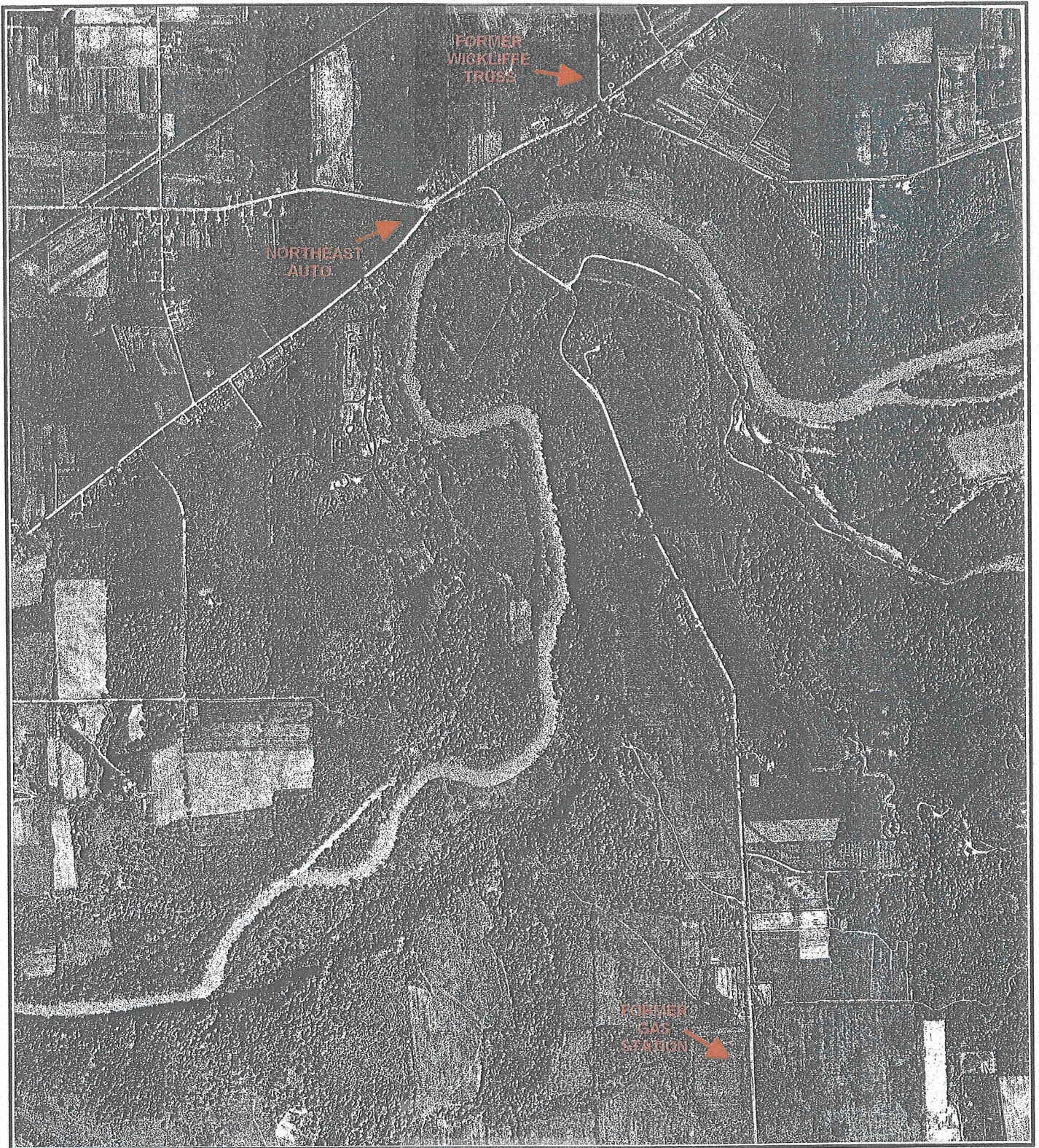
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/02/2008

Date of Next Scheduled Update: 03/31/2008

APPENDIX C
AERIAL PHOTOGRAPHS





Baker

Michael Baker Jr., Inc.

Vrooman Road Bridge Replacement
Leroy & Perry Townships, Lake County, Ohio
1951 Aerial Photograph





Baker

Michael Baker Jr., Inc.

Vrooman Road Bridge Replacement
Leroy & Perry Townships, Lake County, Ohio
1959 Aerial Photograph



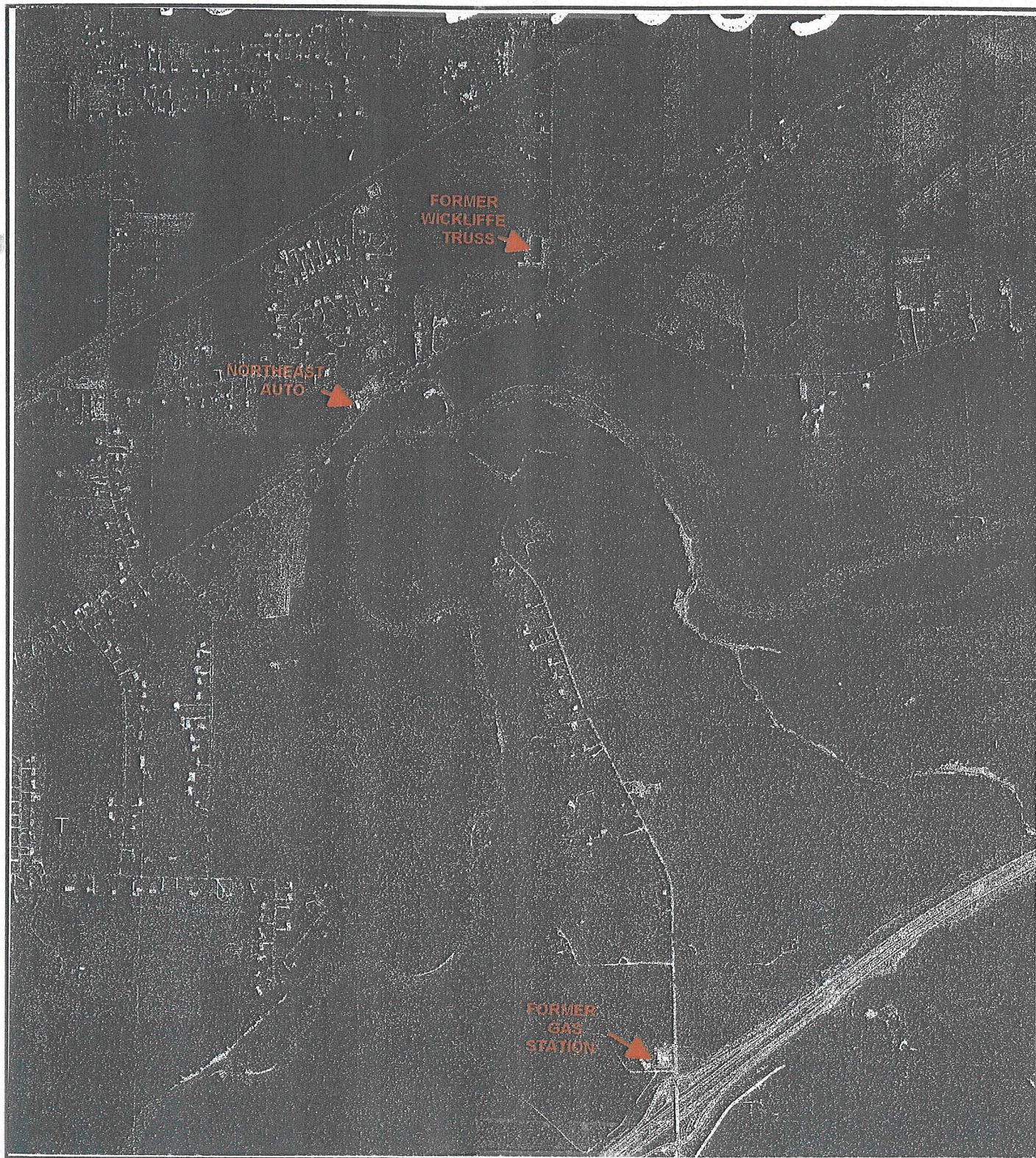


Baker

Michael Baker Jr., Inc.

Vrooman Road Bridge Replacement
Leroy & Perry Townships, Lake County, Ohio
1973 Aerial Photograph





Baker

Michael Baker Jr., Inc.

Vrooman Road Bridge Replacement
Leroy & Perry Townships, Lake County, Ohio
1978 Aerial Photograph





Baker

Michael Baker Jr., Inc.

Vrooman Road Bridge Replacement
Leroy & Perry Townships, Lake County, Ohio
1991 Aerial Photograph



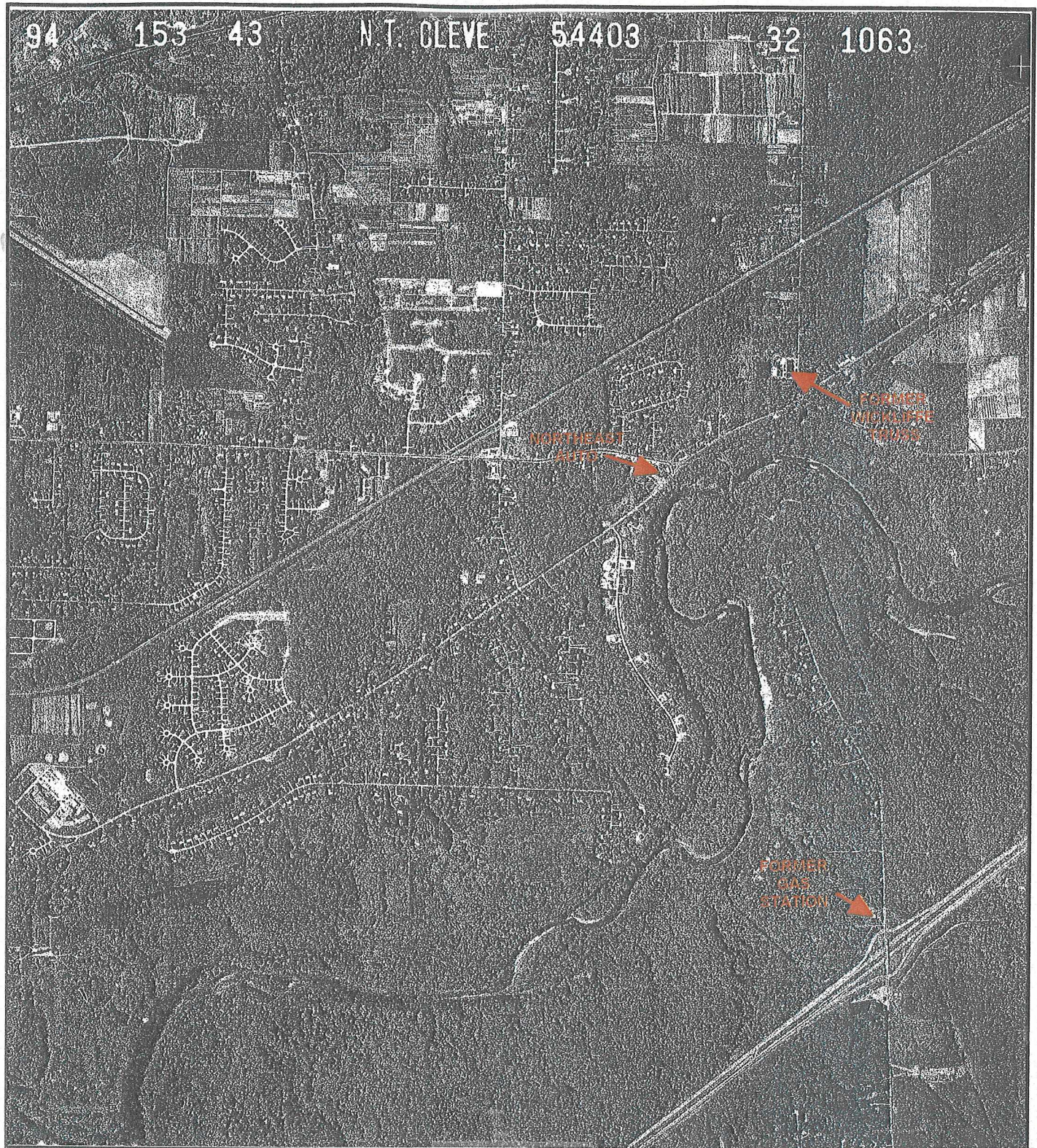


Baker

Michael Baker Jr., Inc.

Vrooman Road Bridge Replacement
Leroy & Perry Townships, Lake County, Ohio
1991 Aerial Photograph





Baker

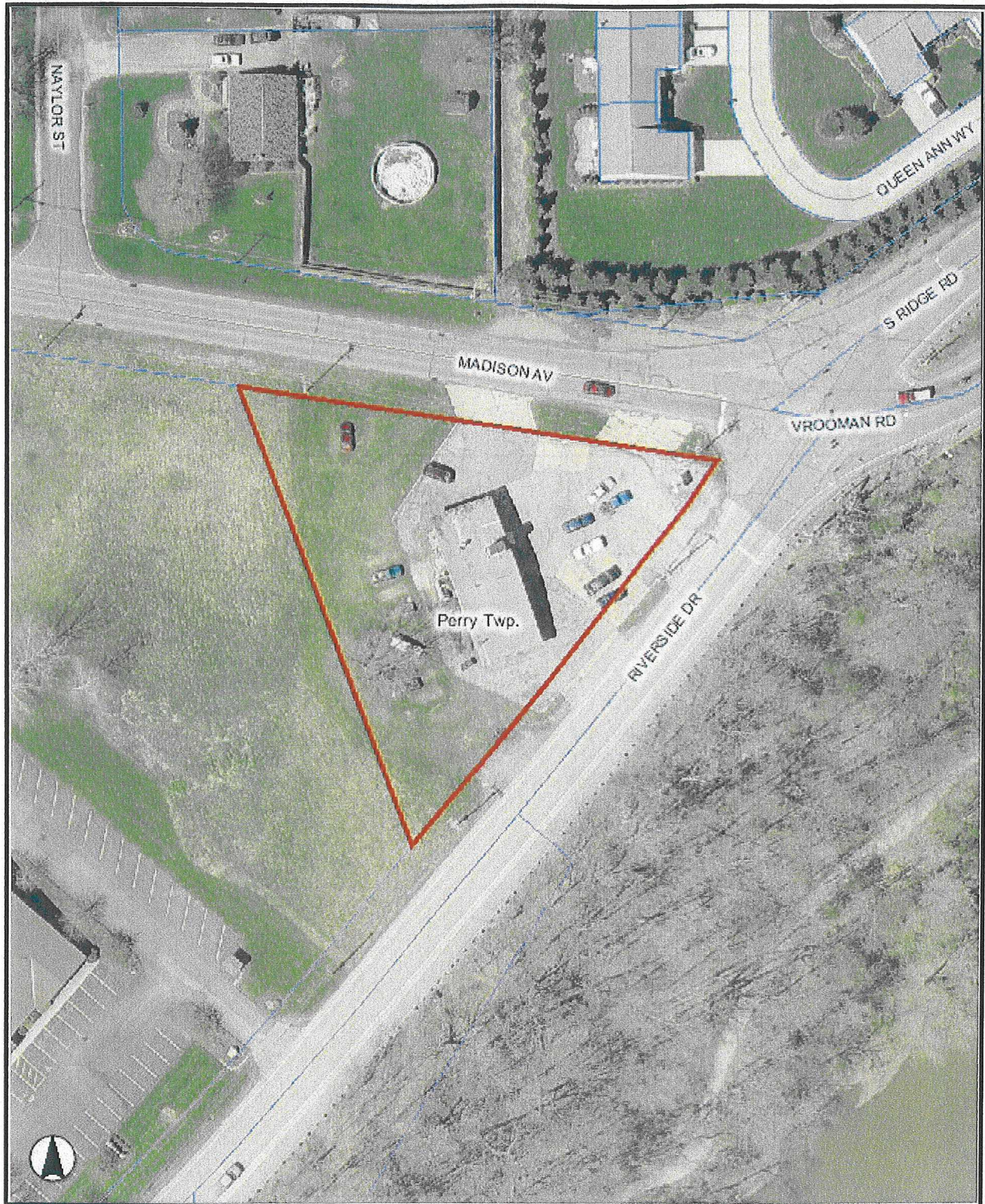
Michael Baker Jr., Inc.

Vrooman Road Bridge Replacement
Leroy & Perry Townships, Lake County, Ohio
1994 Aerial Photograph



APPENDIX D

NORTHEAST AUTO SERVICE PROPERTY INFORMATION



Baker

Michael Baker Jr., Inc.

Vrooman Road Bridge Replacement
Northeast Auto Service
2606 Madison Avenue
Site Plan
Not to Scale





1. West facing view of Northeast Auto Service Center.



2. North facing view of the Northeast Auto Service Center.



3. View of outdoor chemical storage area. Note staining on ground.



4. North facing view of used oil AST located on site.



5. East facing view along Madison Avenue (State Route 84).



6. South facing view of the intersection of Vrooman Road and Madison Avenue.



7. North facing view from western portion of the property.



8. Former monitoring well located in driveway.

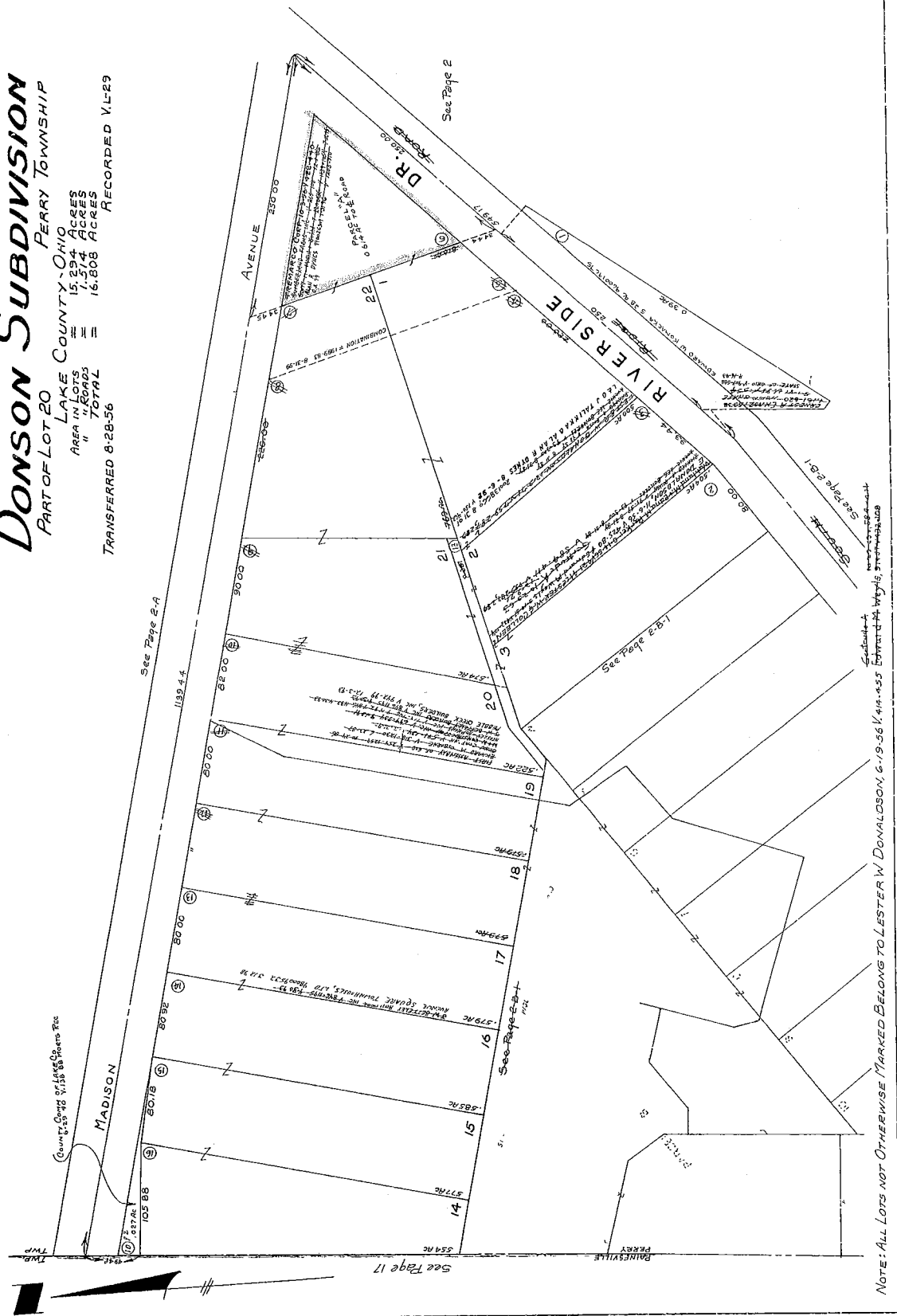
PART OF LOT 20
PERRY TOWNSHIP

LAKE COUNTY - OHIO

| AREA IN LOTS | == | 15.294 ACRES |
|--------------|----|--------------|
| " " " " " " | == | 1.514 ACRES |

| | | | | |
|---|--------|---|--------|-------|
| " | "ROADS | = | 1.514 | ACRES |
| | TOTAL | = | 16.808 | ACRES |

TRANSFERRED 8-28-56
RECORDED V.L-29



NOTE: ALL LOTS NOT OTHERWISE MARKED BELONG TO LESTER W DONALDSON, 6-19-56 / 419-435 EDWARD M

NORTHEAST AUTO
TAX MAP



Ohio Department of Commerce

Division of State Fire Marshal
Bureau of Underground Storage Tank Regulations
8895 East Main Street P.O. Box 687
Reynoldsburg, OH 43068
(614) 752-7938 FAX (614) 752-7942

George V. Voinovich
Governor

Donna Owens
Director

July 5, 1996

TIM DOWELL
CUMBERLAND FARMS INC
777 DEDHAM ST
CANTON MA 02021-9118

SITE: CFI # 124023
2606 MADISON AVE
PAINESVILLE OH
LAKE COUNTY
INCIDENT #4330897-00

RE: NO FURTHER ACTION STATUS REGARDING CORRECTIVE ACTION REQUIREMENTS

Dear Mr. Dowell:

The Bureau of Underground Storage Tank Regulations (BUSTR) has reviewed all information submitted for this incident number. Based on this information, BUSTR requires no further action involving corrective actions under Ohio Administrative Code rule 1301:7-9-13.

If you feel that you are entitled to reimbursement you should contact the Petroleum Underground Storage Tank Release Compensation Board (PUSTRCB) at P.O. Box 163188, Columbus, Ohio 43216, (614) 752-8963 or (800) 224-4659. PUSTRCB administers Ohio's assurance fund and is a separate entity apart from BUSTR.

Thank you for your cooperation. If you have any questions, please contact Steve Lufkin at (614) 752-7938.

Sincerely,

A handwritten signature in cursive script, reading "Verne A. Ord".

Verne A. Ord
Corrective Action Supervisor

VAO:SPL:dep

xc: Site File
Chief Jack Martin, Painesville Fire Department
Frank Kellogg, Lake County Health Department
Tom Shalala, ATEC Associates

ROUTING AND CONCURRENCE SLIP

| | | | | |
|-------------------|--------------------|------------------------------|--------|---------|
| INCIDENT #: | 4330897 | DATE AUTHOR PREPARED: | | |
| DATE OF REQUEST: | | PROOF AND/OR CONCUR: | DATE | INITIAL |
| NAME OF SITE: | | PIA NAME: | 7/2 | DEP |
| REQUESTED BY: | | AUTHOR NAME: <i>Ref Kin</i> | 7/3/96 | SPC |
| ROUTE FROM: | | SUPERVISOR NAME: <i>Vold</i> | | |
| ROUTE TO: | | ROUTE TO: | | |
| ROUTE TO: | | ROUTE TO: | | |
| COORDINATOR NAME: | | ROUTE TO: | | |
| | PREPARE A RESPONSE | | | |
| | STATUS UPDATE | | | |
| | FYI | | | |
| RESPOND BY DATE: | | | | |
| BOILERPLATE NAME: | NFA | DATE LETTER MAILED: | 7-3-96 | OK |
| REMARKS: | | | | |
| | | | | |
| | | | | |

SITE LISTING UPDATE FORM

EXISTING INCIDENT #: 4330897-00

FACILITY NAME: CFI Facility #124023 NEW FACILITY INFO? ☐ YES ☐ NO
(Update on back)

[1] REASON FOR LISTING UPDATE

- ☒ [1] Written report/results received from owner/operator.
- ☐ [2] Verbal report/results received from owner/operator.
- ☐ [3] Written report received from BUSTR contractor.
- ☐ [4] Information collected from BUSTR field examination/inspection.
- ☐ [5] Change in site coordinator/contractor assignment.
- ☐ [6] Change/delete existing incident number - explain change in remarks section [5].
- ☐ [7] Create new incident number for additional suspected facility/location.
- ☐ [8] Orders issued.
- ☒ [9] Other: Change Status to NFA

*SA Report Received 2/21/96
Closure Report Received 11/2/95*

[2] NEW SITE LISTING DATA

INCIDENT #: _____

REPORT NUMBER _____ FAC TRKG# _____ SPRC _____
EMERGENCY RESPONSE: ☐ YES ☐ NO BY: ☐ FM (_____) ☐ OEPA ☐ USEPA
STATUS: ☐ RPT ☐ SUS ☐ NRS ☐ DIS ☐ CON ☐ ICA ☐ ICR ☐ ICC ☐ SAS ☐ SAC ☐ CAS ☐ CAP ☒ NFA
PRIORITY: ☐ 1* ☒ 2
CLASSIFICATION: ☐ A ☐ B ☐ C ☒ D LTF ELIGIBILITY: (CIRCLE) ☒ 1 2 6 ☐ OTHER
SITE COORDINATOR: NECA

[3] PCS DATA

DISP/TREAT _____ LOC: _____ CUBIC YARDS: _____

[4] SITE SUMMARY (UPDATE FOR ALL PRIORITY 1 SITES)

(First sentence - why is it a 1? Second sentence - who is doing what at this time)

Site Check, UST Removal Report & SA report all indicate minor levels of benzene & TPH above action levels at North dispenser island, all other locations are below action levels.

[5] NEW EXCEPTION REPORT DATA

- ☐ [1] State plans to obligate over \$100,000 at a site.
- ☐ [2] State actually obligated over \$100,000 at a site (cumulative expenses exceeded \$100,000 this quarter).
- ☐ [3] State plans to use innovative or experimental technology at the site.
- ☐ [4] State plans to provide permanent alternative drinking water supply.
- ☐ [5] State plans to permanently relocate residents.
- ☐ [6] State reached/received cost recovery settlement; amount: _____

CAT 3

[6] SITE MANAGEMENT REMARKS

(BUSTR actions needed/taken, reports expected, etc.)

Station is ~~now~~ now closed - all USTs removed. No GW present & TPH in soil 1,100 ppm at farm dispenser. Benzene at .338 ppm all other samples below action levels

[7] FOLLOW-UP BUSTR ACTIONS/ASSIGNMENT

(For use by supervisor)

Recommend No Further Action

UPDATE SUBMITTED BY: S. Lugh DATE: 7/2/96 JUL - 3 1996
APPROVED: Oral DATE: 7-3-96 ENTRY: Johnson DATE: _____



3555 Sweet Valley Drive, Suite R
Cleveland, Ohio 44125-4211
(216) 524-4111 FAX (216) 524-2668

February 16, 1990

RECEIVED

1990 FEB 21 A 9:11

CERTIFIED MAIL - RETURN RECEIPT REQUIRED

STATE FIRE MARSHAL
BUSTR

Department of Commerce
Ohio State Fire Marshal
Bureau of Underground Storage Tank Regulations
8895 East Main Street
Reynoldsburg, Ohio 43068

ATTN: Mr. Verne Ord
RE: Hydrogeologic Site Assessment Report
CFI Facility No. 124023
2606 Madison Avenue
Painesville, Ohio 44077
Lake County
BUSTR Incident Number: 4330897-00

Dear Mr. Ord:

On behalf of Cumberland Farms, Inc. (CFI), ATEC Associates, Inc. is submitting this "Hydrogeologic Site Assessment Report" regarding the above-referenced facility. This report is submitted in general accordance with closure assessment requirements as outlined in OAC 1301:7-9-13.

The results of this assessment indicate that petroleum impact to the soil is limited to the north-central portion of the site in the vicinity of the former dispensing island. Groundwater was not encountered on site above the shale bedrock. Migration of any residual hydrocarbons and impact to any water wells is not possible. CFI therefore is requesting a No Further Action (NFA) status in this area of study.

If you have any questions or need additional information, please do not hesitate to contact either Tim Dowell of CFI at 1-800-225-9702 (ext. 3414) or me at (216) 524-4111.

Sincerely,

Thomas P. Shalala
Senior Project Manager, ATEC Cleveland

Enclosure

cc: T. Dowell, CFI

Hydrogeologic Site Assessment
CFI Facility No. 124023
2606 Madison Avenue
Painesville, Ohio 44077
ATEC Project Number: 52-07-95-00359
BUSTR Incident No. 4330897-00

RECEIVED

1996 FEB 21 A 9:11

STATE FIRE MARSHAL
BUSTR



CERTIFIED

P 202 419 647

MAIL

Prepared for:

Cumberland Farms, Inc.
777 Dedham Street
Canton, MA 02021-9188

Attn: Mr. Tim Dowell

February 16, 1996

ATEC[®] Associates, Inc.



8555 Sweet Valley Drive, Suite R
Cleveland, Ohio 44125-4211
(216) 524-4111 FAX (216) 524-2668

RECEIVED

1996 FEB 21 - A 9:11

STATE FIRE MARSHAL
BUSTR

February 16, 1996

Mr. Tim Dowell
Cumberland Farms, Inc.
777 Dedham Street
Canton, MA 02021-9188

RE: Hydrogeologic Site Assessment
CFI Facility No. 124023
2606 Madison Avenue
Painesville, Ohio 44077
ATEC Project Number: 52-07-95-00359

Dear Mr. Dowell:

In accordance with ATEC proposal number 621622 dated November 16, 1995, ATEC Associates, Inc. has completed a hydrogeologic assessment of the above-referenced site in Lake County, Ohio. Please find enclosed the results of this study.

If there are any questions concerning this report or our findings, please do not hesitate to contact us

Sincerely,

ATEC ASSOCIATES, INC.

David A. Servidio, E.I.T.
Staff Engineer

Thomas P. Shalala
Senior Project Manager

HYDROGEOLOGIC SITE ASSESSMENT

CFI Facility No.124023
2606 Madison Avenue
Painesville, Ohio 44077
ATEC Project Number: 52-07-95-00359

1.0 INTRODUCTION

ATEC Associates, Inc. (ATEC) performed a hydrogeologic assessment at the above-referenced site in Lake County, Ohio for Cumberland Farms, Inc. during December, 1995. The site location is shown in Figure 1.

The study was performed in accordance with Ohio Administrative Code (OAC) 1301:7-9-13 (I) to investigate the vertical and horizontal extent of petroleum-impacted environmental media. Accordingly, the scope of this investigation consisted of the installation of four soil borings. The Bureau of Underground Storage Tank Regulations (BUSTR) site assessment checklist is included in Appendix A.

1.1 Previous Investigations

In July, 1995, a Site Check investigation was performed by Parsons Engineering Science (ES) in response to a suspected release beneath the northern dispensing island along Madison Avenue. The results of the Site Check indicated that the concentration of benzene in one perched water sample was in excess of the Category 2 action level.

In September, 1995, ATEC monitored the removal of the gasoline and waste oil UST systems on site. Soil analytical results for the closure samples from the gasoline UST system indicated that two samples exceeded the Category 2 action levels. The samples were collected from the bottom of the UST cavity at the northeast corner and the west end of the dispensing island along Madison Avenue. Closure samples from the waste oil UST system were below the Category 2 action levels. The analytical results from the UST Closure Assessment are summarized in Table 1.

2.0 SITE CHARACTERISTICS

2.1 Physical Site Description

The subject site is located on the south side of Madison Avenue at the southwest corner of the intersection of Madison Avenue and Route 84 in Painesville, Ohio.

A service station building containing three service bays and a sales area is located in the west-central portion of the site. Two 8,000-gallon and one 10,000-gallon gasoline underground storage tanks (USTs) were formerly located immediately east of the service building. A 550-gallon waste oil tank was formerly located immediately west of the service

building. The two dispensing islands, four USTs, and associated piping were removed in September, 1995. The site plan is shown in Figure 2.

The surface elevation at the subject site is approximately 720 feet above mean sea level (msl) (see Figure 1 - Site Vicinity Map/Topographic Map). The topography at the site and west of the site is relatively flat; However, east of the site across Route 84 the topography slopes steeply to the Grand River, located approximately one-quarter mile southeast of the site. Runoff from the site flows to the north and east into Madison Avenue and Route 84.

2.2 Adjacent Land Use/Potential Contaminant Sources and Receptors

The site is located in the north-central portion of Lake County in a partially developed, mixed residential, commercial, and agricultural area. Specifically, Madison Avenue is located north of the site, beyond which is a closed commercial building. South and west of the site is an apartment/townhouse complex under construction. East of the site is Route 84, beyond which are woods and a steep slope down to the Grand river. There are no known USTs at off-site properties in the immediate vicinity of the subject site.

Underground storm and sanitary sewers, communication lines, a water main, and a natural gas line are located adjacent to the site along Madison Avenue. Aboveground telephone and electric lines are adjacent to the site along Madison Avenue and Route 84 as well as along the western property line. These lines enter the site along the western property line adjacent to the building.

2.3 Hydrogeologic Setting

The area of the site is characterized by a very shallow permeable silt, fine sand, and sand with some gravel, overlying thick clay and shale. The site is located in an area of poor groundwater production (usually less than three gallons per minute). The bedrock in the area of the site is the Ohio Shale and was encountered during the soil boring installations at approximately 13 to 17 feet below grade.

2.4 Local Drinking Water Supplies

Potable water for the area is provided by Lake County Utilities which obtains its pre-treatment water from Lake Erie located approximately four miles north of the subject CFI site. County water is available to all surrounding properties.

Copies of water well logs within one-half mile of the site were requested from the Ohio Department of Natural Resources (ODNR). According to ODNR, there are twenty (20) logs for private supply wells within a one-half mile radius of the site (thirteen of which were located within 1,000 feet of the site). The closest recorded water well is located approximately 300 feet northeast of the subject site.

The well logs on file with the ODNR indicated that the water wells ranged in age from twenty-three years to over forty years old. Since municipal water is now available to the entire area, a more thorough investigation was performed to determine if wells located within 1,000 feet of the site were still active. Names, addresses, and telephone numbers of the properties within 1,000 feet of the site were obtained from the Tax Map office in Painesville. The ODNR well logs were matched to the appropriate owners and contact was made over the telephone. The results indicate that there were still active water wells within 1,000 feet of the site. The ODNR well logs are included in Appendix B.

2.5 BUSTR Site Feature Scoring

Ohio Administrative Code (OAC) 1301:7-9-13 (E) outlines the Site Feature Scoring System (SFSS) for the determining site-specific action levels. Action levels are the concentrations of the monitored petroleum hydrocarbon constituents at which corrective action must be taken. Based upon the SFSS, the site was classified as "Category 2". A copy of the site evaluation and complete SFSS worksheet are provided in Appendix A.

3.0 SOIL BORINGS

Four soil borings were installed on December 12, 1995 to collect geologic, hydrogeologic and chemical data on unconsolidated subsurface materials at the site. Borings selections were selected based upon site topography and analytical results from the Site Check investigation and UST Closure Assessment. Boring locations are shown in Figure 2.

3.1 Soil Borings

The soil borings were installed utilizing hollow-stem augers with truck-mounted drill rig. Northcoast Drilling operated the drill rig under the supervision of David Servidio, ATEC Staff Engineer. Borings B-1 through B-4 were advanced to 17 feet below grade. Boring logs are included in Appendix C.

Undisturbed soil samples were collected continuously using a split-spoon sampler, approximately two-inches in diameter, attached to the lower-most section of the steel rod string. Between sampling events, the split-spoon sampler was cleaned by hand with

Alconox solution and brushes, and rinsed with tap water. Samples were described by the ATEC engineer in the field.

3.2 Soil Boring Abandonment

Upon reaching auger refusal at the shale bedrock, borings B-1 through B-4 were allowed to remain open for several hours to allow for potential groundwater accumulation. No indications of saturated conditions were encountered in the borings. Therefore, all of the borings were properly abandoned at the completion of field activities. The procedure for abandonment included filling each boring with hydrated bentonite chips. An asphalt patch was then placed in the upper six inches of the borings.

3.3 Monitoring Well Installation

After no evidence of perched water or groundwater recharge in any borings, no monitoring wells were installed.

4.0 SAMPLING AND ANALYSIS

4.1 Soil Conditions

Native soils encountered in the four borings installed during this site check investigation consisted of fill material in the upper one to five feet underlain by brown and gray silty clay with trace amounts of sand and gravel. The silty clay was underlain by clay and weathered shale at depths ranging from 13 to 17 feet below grade.

Disposable latex gloves were worn by ATEC's representative and changed between samples to prevent possible cross-contamination. Samples were field screened with a photo-ionization detector (PID), which measures total photo-ionizable vapors in parts per million (ppm). The PID was zeroed prior to use.

Maximum headspace measurements were recorded for each split-spoon sample obtained using the PID. PID readings for all the soil samples are included in the boring logs in Appendix C.

Generally, the soil sample with the highest PID reading from each boring was submitted for laboratory analysis. In addition, samples collected from deeper intervals from borings B-3 and B-4 were also analyzed to assist in determining vertical extent of impact. The samples were shipped overnight to ANALab in Edison, New Jersey utilizing chain-of-custody controls. The soil samples were analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX) by SW 846 Method 8020 and total petroleum hydrocarbons (TPH) by SW 846 Method 8015.

TPH concentrations were detected in three samples with a maximum concentration of 26.0 milligrams per kilogram (mg/kg) in B-4 (7-9 feet). Laboratory analyses revealed detectable

concentrations of ethylbenzene and total xylenes in two samples with maximum concentration of 1.46 mg/kg and 7.73 mg/kg, respectively in B-4 (7-9 feet). Toluene was also detected in soil sample B-4 (7-9 feet) at 0.444 mg/kg. Benzene was not detected in any samples; however, the detection limit for benzene in sample B-4 (7-9 feet) exceeded the Category 2 Action Level. This sample therefore was rerun at the laboratory. The results of the two reruns were inconclusive in determining a definitive concentration for this sample. Soil analytical results are summarized in Table 1. The complete laboratory report is included in Appendix D.

4.2 Perched Groundwater Conditions

No evidence of perched groundwater above the shale bedrock was encountered when drilling on December 12, 1995.

4.3 Soil Disposal

Soil cuttings were placed on 6-mil visqueen, covered and left on site behind the service building until arrangements can be made by the owner for disposal.

5.0 CONCLUSIONS AND RECOMMENDATIONS

Conclusions from site assessment activities completed to date are presented in outline form below.

- Hydrogeologic conditions at the site are characterized by silty clay with trace amounts of sand and gravel underlain by weathered shale at depths ranging from approximately 13 to 17 feet below grade.

- Perched groundwater was not encountered above the shale bedrock at a depth of 17 feet.

- BTEX and TPH concentrations detected in soil samples did not exceed Category 2 action levels. However, the benzene detection limit for sample B-4 (7-9 feet) exceeded Category 2 Action Levels.

Based upon analytical data, it appears that the petroleum impact to the soil is limited to the north-central portion of the site in the vicinity of the former dispensing island. Due to the absence of groundwater beneath the site, migration of any residual petroleum hydrocarbons and impact to any water wells is not possible. Based upon these conclusions, no further work is warranted in this area of study.

TABLE 1

Summary of Laboratory Analytical Results for Soil Samples

CFI Facility No. 124023
2606 Madison Avenue
Painesville, Ohio

| Sample Number | Sample Description | TPH | Benzene | Toluene | Ethyl benzene | Total Xylenes |
|---------------------------------------|----------------------------|----------------------|---------|---------|---------------|---------------|
| S-1 | Waste Oil - north bottom | 210 | < 0.006 | 0.002 | 0.008 | 0.023 |
| S-3 | Waste Oil - remote fill | 73.3 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| S-4 | UST #1 - east bottom | 69.4 | 0.264 | 0.048 | 0.067 | 0.171 |
| S-11 | North island - west bottom | 1,100 | 0.383 | 23.4 | 35.7 | 216 |
| S-12 | Product line trench (13') | < 10.0 | < 0.005 | < 0.005 | 0.020 | 0.019 |
| S-13 | East Island - north bottom | 68.4 | < 0.005 | 0.021 | 0.020 | 0.042 |
| WO-4 | Waste Oil Pile #1 | 231 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| SF-2 | #1 Gravel Pile #2 | 34.4 | < 0.005 | < 0.005 | < 0.005 | 0.006 |
| SF-8 | #1 Gravel Pile #8 | < 10.0 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| G-5 | #2 Gravel Pile #5 | < 10.0 | < 0.005 | < 0.005 | < 0.005 | 0.232 |
| G-7 | #2 Gravel Pile #7 | 29.8 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| UST1-S-5 | UST1 Soil Pile #5 | 467 | < 0.050 | 2.70 | 4.29 | 113 |
| UST1-S-7 | UST1 Soil Pile #7 | 220 | < 0.005 | 163 | 47.9 | 282 |
| BUSTR Category 2 Action Levels | | | | | | |
| | Action Levels | 300/642 ¹ | 0.170 | 7 | 10 | 47 |

NOTES:

- ¹ Action level for TPH gasoline (EPA Method 8015) is 300 mg/kg. Action level for TPH for distillates and waste oil (Method 418.1) is 642 mg/kg.
- o The soil samples were collected on September 6-7, 1995.
 - o The soil samples were analyzed at ANALab, Inc. in Edison, NJ.
 - o Results are reported in milligrams per kilogram (mg/kg).
 - o Shaded boxes indicate concentrations exceeding site specific action levels.

TABLE 2

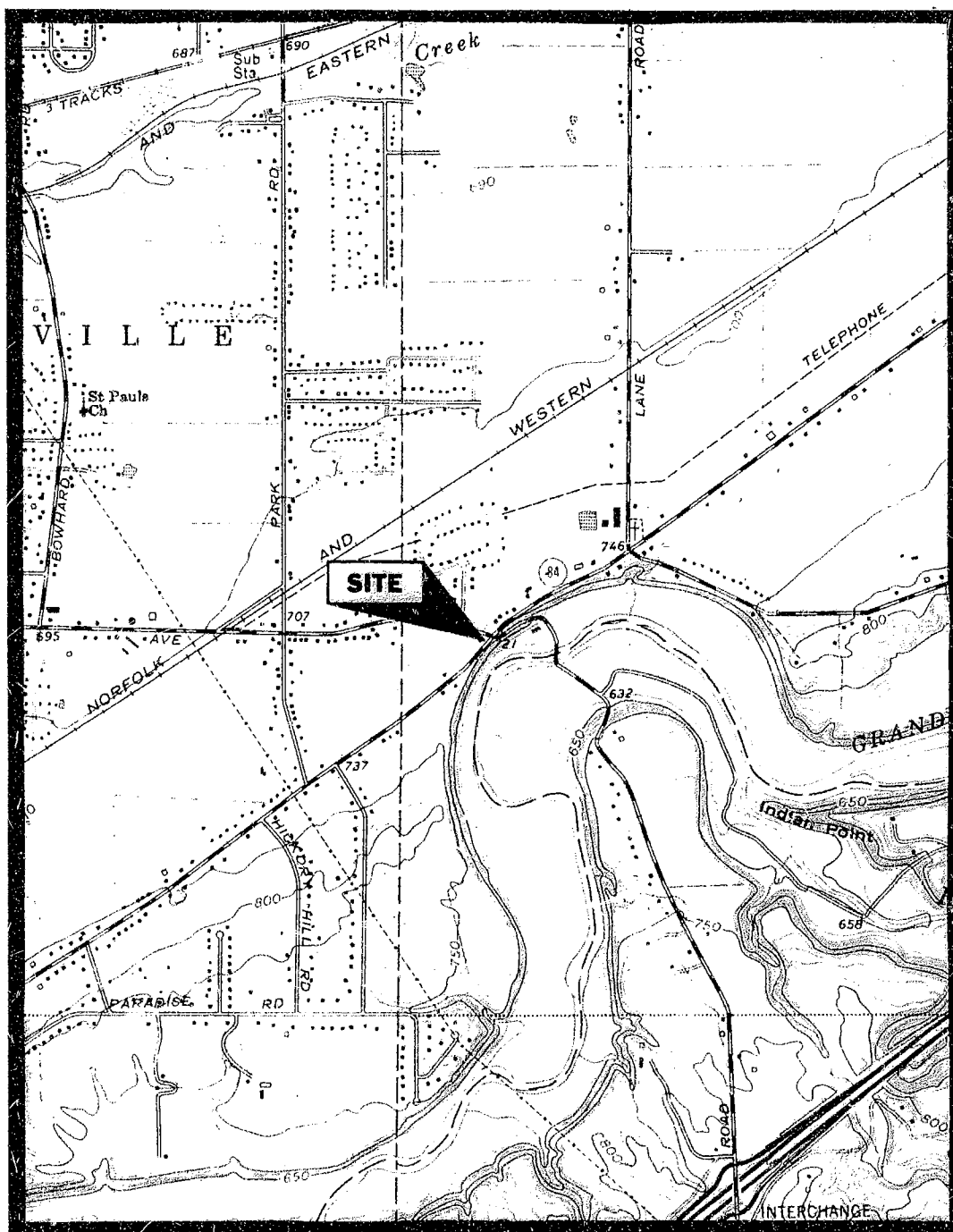
Summary of Soil Analytical Results for Site Assessment

CFI Facility No.124023
 2606 Madison Avenue
 Painesville, Ohio 44077

| Boring No. | Sample Interval | TPH | Benzene | Toluene | Ethylbenzene | Total Xylenes |
|---------------------------------------|-----------------|------------|---------|---------|--------------|---------------|
| B-1 | 15-17 feet | <0.001 | <0.002 | <0.002 | <0.002 | <0.002 |
| B-2 | 15-17 feet | <0.001 | <0.002 | <0.002 | <0.002 | <0.002 |
| B-3 | 7-9 feet | 1.39 | <0.002 | <0.002 | 0.204 | 0.381 |
| B-3 | 9-11 feet | <0.001 | <0.002 | <0.002 | <0.002 | <0.002 |
| B-4 | 7-9 feet | 26.0 | <0.250 | 0.444 | 1.46 | 7.73 |
| B-4 | 15-17 feet | 0.012 | <0.002 | <0.002 | <0.002 | <0.002 |
| BUSTR Category 2 Action Levels | | | | | | |
| Action Levels | | 300 (8015) | 0.170 | 7 | 10 | 47 |

NOTES:

- Soil samples collected on December 12, 1995
- Analytical results in this table presented in milligrams per kilogram (mg/kg); equivalent to parts per million (ppm).
- Samples analyzed at ANALab Laboratory, Edison, New Jersey. The complete laboratory report is included in Appendix D.
- The benzene detection limit for sample B-4 (7-9 feet) is *above* Category 2 Action Levels.



NORTH

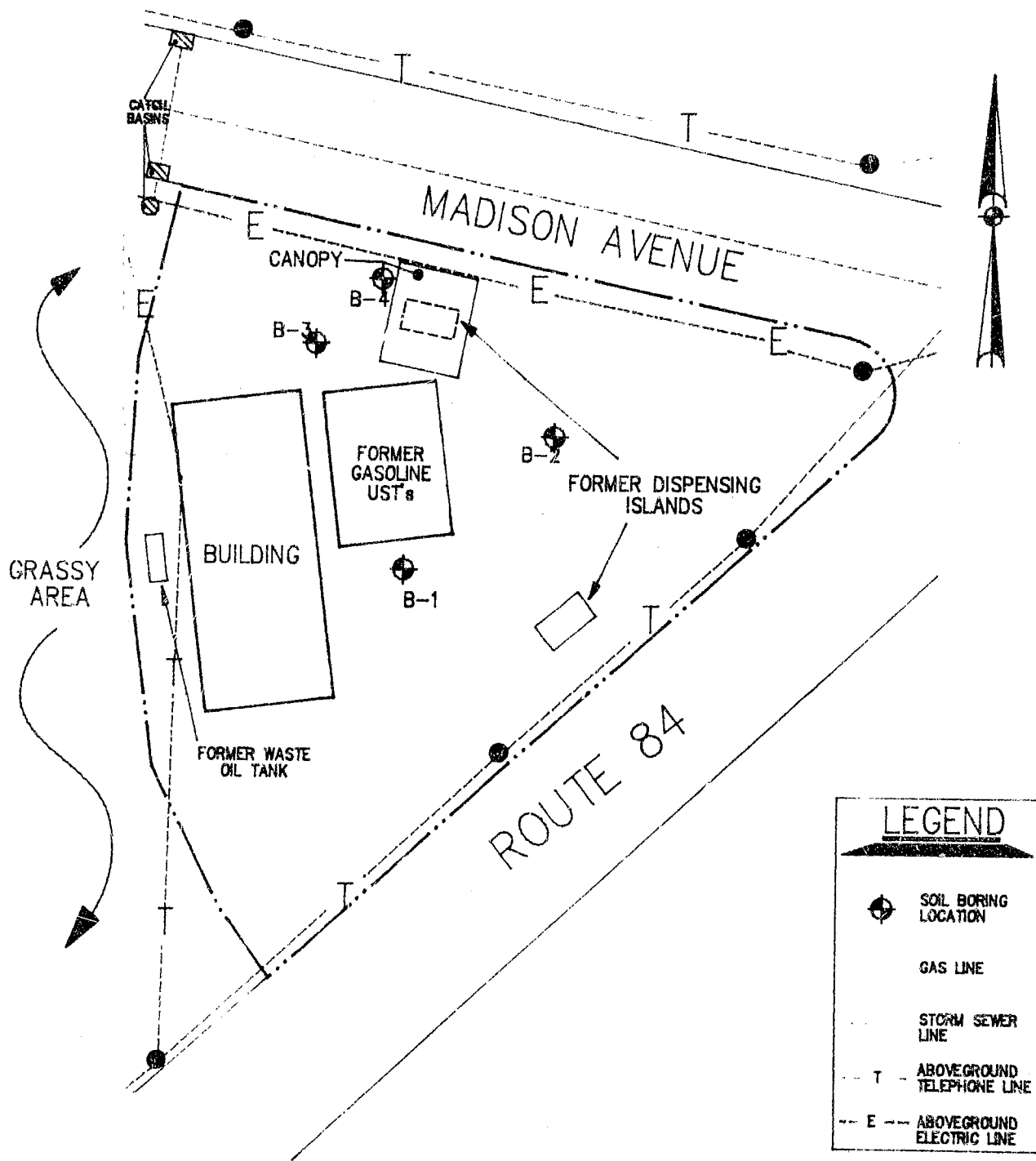
SITE VICINITY / TOPOGRAPHIC MAP
HYDROGEOLOGIC SITE ASSESSMENT
CFI FACILITY NO.124023
2606 MADISON AVENUE
PAINESVILLE, OHIO

PROJECT: 52-07-95-00359

SCALE 1" = 2000'

FIGURE NO. 1





SITE PLAN/SOIL BORING LOCATIONS
HYDROGEOLOGIC SITE ASSESSMENT
CUMBERLAND FARMS, INC.
2606 MADISON AVENUE
PAINESVILLE, OHIO

PROJECT NO.
52-07-95-00359

SCALE
1 in. ~ 30 ft.

FIGURE NO.
2

FEBRUARY
1998

DRAWN BY
DAS

APPROVED BY



Site Assessment Checklist and Recommended Table of Contents
(Received by the SFM within 180 days of reporting the release)

Date: January 25, 1996
Owner: Cumberland Farms, Inc.
Address: 777 Dedham Street
Canton, MA 02021
Phone #: 800-225-9702

Address: 2606 Madison Avenue
Painesville, Ohio 44077
County: Lake
Incident #: 4330897-00

Check Pg#

Each Site Assessment report must include the following:

- _____ A. A brief summary of the activities to date, which includes
- _____ Pg. 1 1. The nature of the release.
- _____ N/A 2. Immediate corrective actions taken.
- _____ N/A 3. Free-product removal activities.
- _____ T 1,2 4. The results of soil/ground-water results from a site check, closure assessment or other assessment (table of sample results and site map depicting location and depth).
- _____ B. A summary of the assessment activities, which includes
- _____ Pg. 5 1. An explanation of how soil boring locations were chosen.
- _____ Pg. 9 2. A determination of the vertical and horizontal extent of the release in soil and ground water.
- _____ Pg. 5,6 3. A description of soil core drilling and monitor well installation (drilling logs and monitor well diagrams included as an appendix).
- _____ N/A 4. Determination of the direction and gradient of ground-water flow if groundwater is encountered.
- _____ N/A 5. Data collection for monitoring wells, such as depth to product, product thickness, depth of water from top of casing, elevation to top of casing and location of arbitrary benchmark.
- _____ F 2 C. A map that accurately depicts the locations of the UST system, buildings or other structures within 1,000 feet of the suspect UST system, on-site storm sewers, water lines, underground telephone lines, natural gas lines and other structures and utilities which may act as a route of migration for contaminants. In addition, the map must accurately depict the locations of the soil core boring, monitoring well locations and surface water samples.
- _____ D. Results of sampling in table format with actual analytical results for
- _____ T 2 1. Results of soil samples.
- _____ N/A 2. Results of surface water sampling from ditches, storm sewers, streams, lakes or other surface waters affected by the release.
- _____ N/A 3. Results of ground-water samples from monitoring wells.
- _____ N/A 4. Results of water samples from private drinking-water wells.
- _____ X App C,D E. Any other pertinent information such as access agreements, boring logs and lab data sheets.

Preparer Name David Scivolin - ATEC Associates

Preparer Signature David Scivolin

Date January 25, 1996

Representative Name Timothy W. Dorell

Representative Signature Timothy W. Dorell

Date 2/1/96

For CFI

For CFI

Site Feature Scoring System (SFSS) Checklist and Recommended Table of Contents
(Submit to SFM as appendix or addendum to site check or site assessment)

Date: January 25, 1996
Owner: Cumberland Farms, Inc.
Address: 777 Dedham Street
Canton, MA 02021
Phone #: 800-225-9702

Facility: CFI Facility No. 124023
Address: 2606 Madison Avenue
Painesville, Ohio 44077
County: Lake
Incident #: 4330897-00

Check Pg#

Each SFSS must include the following:

- App A A. The completed SFSS table prepared for the site.
- Pg. 4 B. A report on the justification for each score for each site feature, which addresses:
1. A survey of one-quarter mile radius around the site to determine distances to in-use potable-water supply sources (surface-water bodies, public-water supply wells, private-water wells) and including:
 - a. Copies of the well logs obtained from ODNR and/or the local health department.
 - b. Whether the site is located within a designated sensitive area as defined in 1301:7-9-09.
 2. Average depth to ground water determined from the ground surface to the shallowest zone of saturation, including:
 - a. Copies of information obtained to determine depth to ground water.
 3. Determination of the predominant soil type of the substratum where the release occurred, including:
 - a. Documentation of the soil type encountered.
 4. Natural and/or man-made conduits or receptors, including:
 - a. A completed copy of the Site Feature Worksheet.
 - b. Conduits indicated on a site map.
- App B
App A
Pg 6
N/A
Pg. 4
App C
Pg 2
App A
F 2
- T 1.2 C. Soil and/or ground water sample results in table format, with actual contaminant levels stated (ND is not acceptable).

Preparer Name David A. Servidio - ATEC Associates

Preparer Signature [Signature]

Date January 25, 1996

Representative Signature Timothy J. Dorell

Representative Signature [Signature]

Date 2/12/96

For
CFI

For
CFI

**CFI Facility No.124023
Painesville, Ohio 44077**

Site Feature Scoring System

| SITE FEATURES | Column A | | Column B | | Column C | | Column D | |
|--|---------------------|-------|--|-------|---|-------|--------------------------------------|-----------|
| | Score 20 if True | Score | Score 15 if True | Score | Score 10 if True | Score | Score 5 if True | Score |
| 1. Distance of UST system from closest drinking water supply, well or intake currently in use. | > 1000 Feet | | 301-1000 Feet | 15 | < 301 Feet | | Inside of designated sensitive area | |
| 2. Average depth to groundwater | > 50 Feet | | 31-50 Feet | | 15-30 Feet or unknown | 10 | < 15 Feet | |
| 3. Predominant soil type of substratum | Clay or Shale | 20 | Silt or Clayey Sands or Fine Sandstone | | Silty Sand or Fine Sand or Sandstone or Unknown | | Clean Sand or Gravel or Conglomerate | |
| 4. Natural and/or manmade conduits or receptors. | < 8 | | 8-10 | | 11-13 | | > 13 | 5 |
| Subtotal | | 20 | | 15 | | 10 | | 5 |
| | | | | | | | TOTAL | 50 |

Site Feature Number 4 Worksheet

Basements or subsurface foundations within one hundred feet of UST system.....(4 points) 4
Storm sewer within fifty feet of UST system(4 points) 4
Sanitary sewer within fifty feet of UST system..... (4 points) 4
Septic system leach field within fifty feet of UST system(2 points) 0
Water line main within fifty feet of UST system(1 point) 1
Natural gas line main within fifty feet of UST system (1 point) 1
Bedrock area prone to dissolution along joints of fractures
 within one hundred feet of UST system(1 point) 0
Faults or known fractures within one hundred feet of UST system(1 point) 0
Buried telephone/television cable main within fifty feet of UST system(1 point) 0
Buried electrical cable main within fifty feet of UST system(1 point) 0

TOTAL 14

CFI Facility No.124023
2606 Madison Avenue
Painesville, Ohio 44077

Action Level Table
(all concentrations in parts per million)

| | CATEGORY 4 | CATEGORY 3 | CATEGORY 2 | CATEGORY 1 |
|---|------------|------------|------------|------------|
| TOTAL SCORE > | >71 | 70-51 | 50-31 | <31 |
| Constituents Level in Soil: | | | | |
| Benzene | 0.500 | 0.335 | 0.170 | 0.006 |
| Toluene | 12 | 9 | 7 | 4 |
| Ethylbenzene | 18 | 14 | 10 | 6 |
| Total Xylenes | 85 | 67 | 47 | 28 |
| Constituents Level in Groundwater: | | | | |
| Benzene | 0.005 | 0.005 | 0.005 | 0.005 |
| Toluene | 1 | 1 | 1 | 1 |
| Ethylbenzene | 0.700 | 0.700 | 0.700 | 0.700 |
| Total Xylenes | 10 | 10 | 10 | 10 |
| TPH Level in Soil: | | | | |
| Analytical Group No. 1 | 600 | 450 | 300 | 105 |
| Analytical Group Nos. 2, 3, and 4 | 1156 | 904 | 642 | 380 |

Note:

Analytical Group No. 1 consists of gasoline and gasoline-derivatives (aviation gasoline and gasohol) as the suspect released substance; Analytical Group No. 2 consists of the middle distillates (kerosene, diesel and jet fuels, and light oils); Analytical Group No. 3 consists of used oil and unknown substances; and Analytical Group No. 4 are heavy fuel oils and lubricating oils.

Site Feature Scoring System Justification
CFI Facility No.124023
2606 Madison Avenue
Painesville, Ohio

The following discussion justifies the scores developed for the site features that determines the total SFSS score and, hence, action level category:

- **Site Feature 1**

A review of the United States Geologic Survey (USGS) 7.5 Minute Painesville, Ohio shows no surface water bodies within a one-quarter mile radius of the site. Although Painesville Township obtains its water from both municipal and public-water supply wells, there are water wells in current use within 1,000 feet (but outside 300 feet) of the site. Therefore, a score of 20 (Column B) was selected.

- **Site Feature 2**

There were no on-site monitoring wells installed. Therefore, depth to groundwater is unknown. A score of 10 (Column C) was selected.

- **Site Feature 3**

The performance of on-site soil borings indicates that on-site soils are predominantly silty clay underlain by shale bedrock at approximately 17 feet below grade. Therefore, a score of 20 (Column A) was selected.

- **Site Feature 4**

An adjacent building with a subsurface foundation is located within 100 feet of the former UST system. Storm and sanitary sewer and water and natural gas mains are located within 50 feet of the former UST system. There are no septic systems within 50 feet of the former UST system; there are likely no faults or fractures within 100 feet of the former UST system, nor is the shale bedrock prone to dissolution along joints or fractures. The tally for natural or man-made receptors is 14. Therefore, a score of 5 (Column D) was selected.

The total SFSS score of 50 indicates that Category 2 action levels apply to the site.

**OHIO SENSITIVE AREA SURVEY
AND SITE FEATURE SCORING**

STORE I.D.: #124023

COMPLETED BY: David A. Servidio

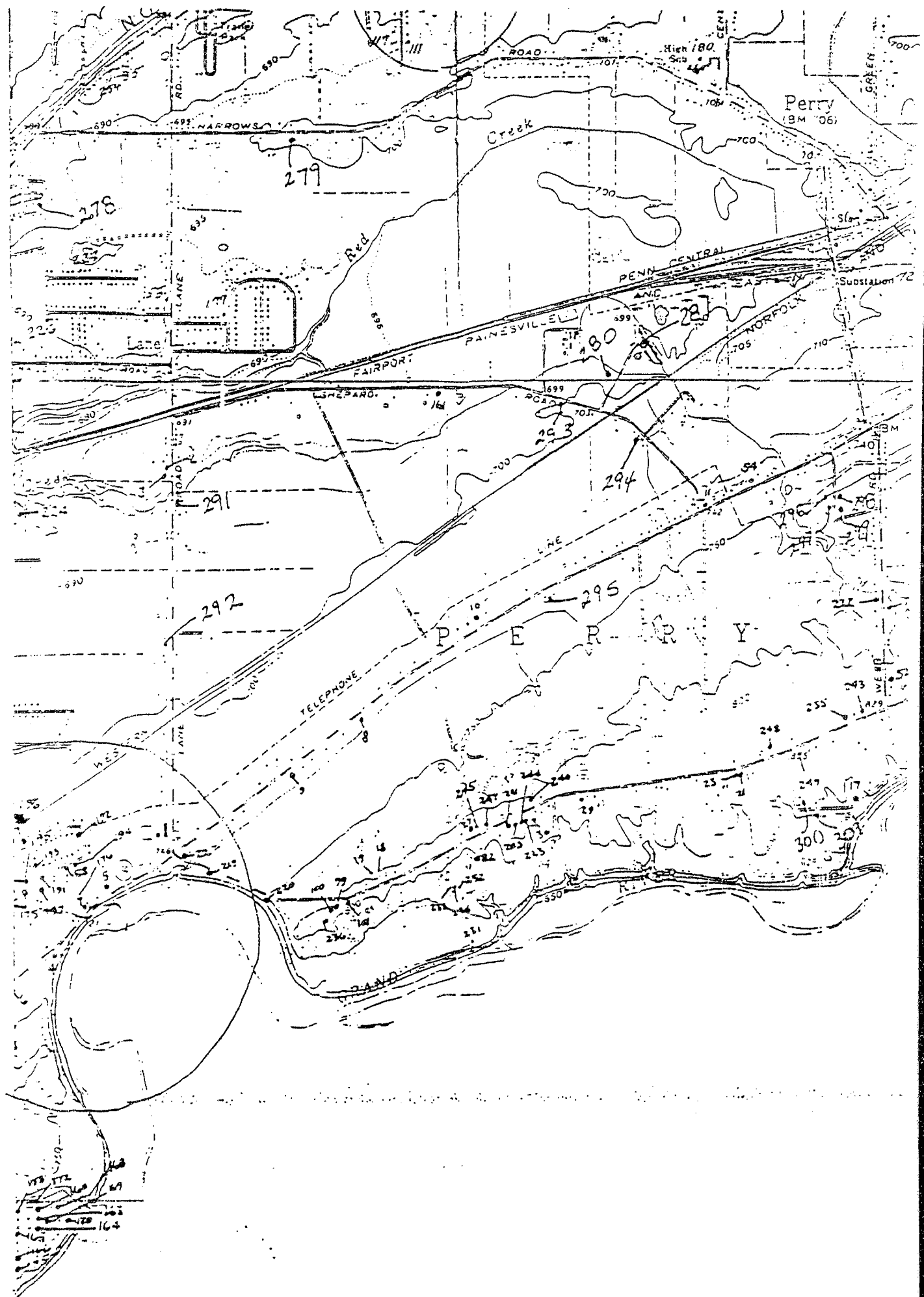
ADDRESS: CFI Facility No.124023
2606 Madison Avenue
Painesville, Ohio 44077

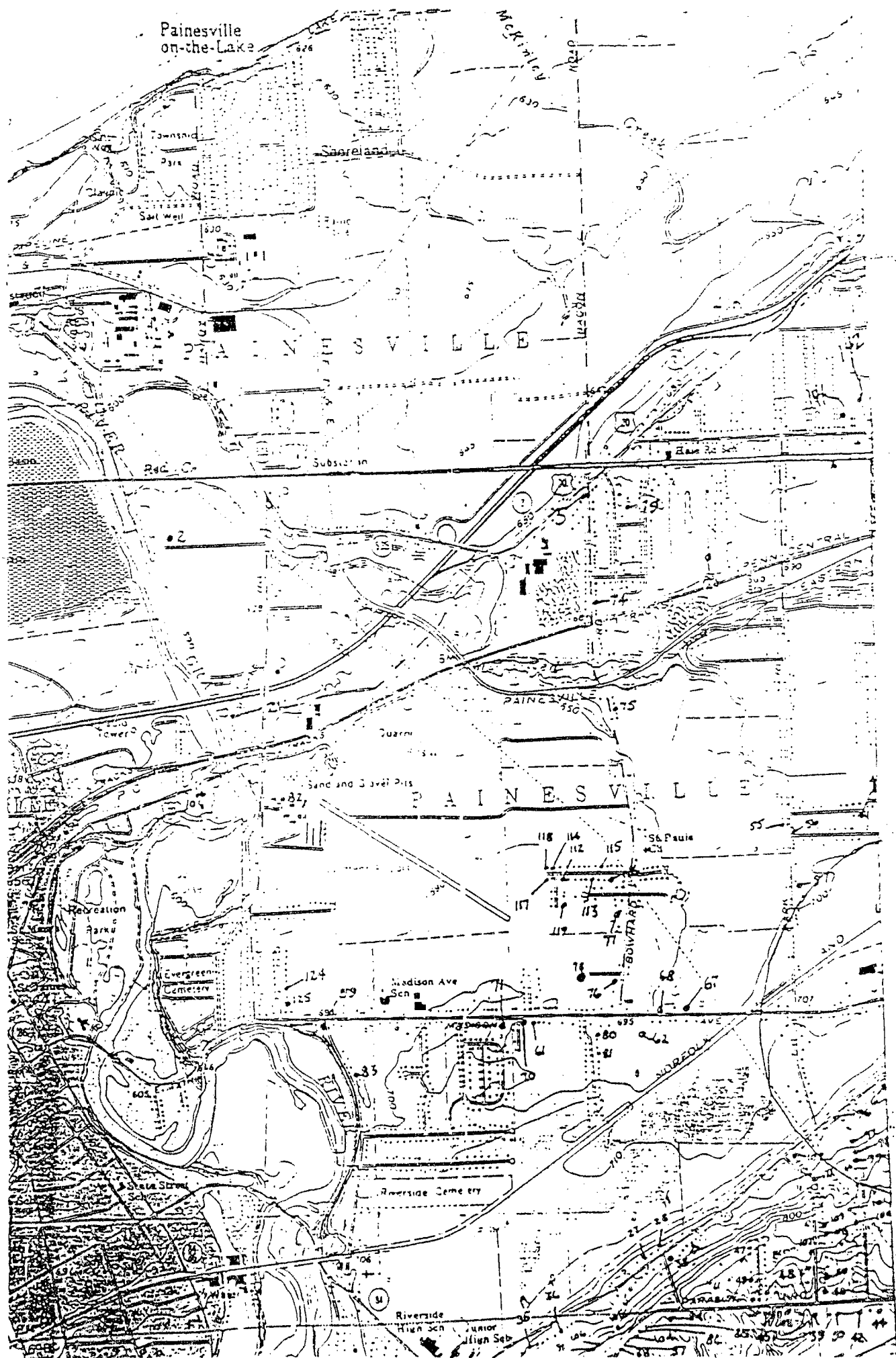
DATE: February 16, 1996

Complete this form to determine if a UST system is or will be located in a Sensitive Area and to determine constituent Action Level's should a reportable release be found. Attach drawings, maps, etc. as needed to document findings from field observations. For each "yes" answer, specify the exact reasons for indicating a positive response.

SENSITIVE AREA DETERMINATION (OAC 1301:7-9-09)

| CRITERIA | Place an X | |
|--|------------|----|
| | Yes | No |
| B(1): Is site located in any defined area per 1301:7-9-09 B(1)? | | X |
| B(2): The area is located within fifty horizontal feet of a private water supply well or developed spring not located on the same site as the UST system. | | X |
| B(3): The area is located within one of the following and is not located on the same site as the UST system: | | |
| B(3)(a): One hundred horizontal feet of a water supply well designated by Ohio environmental protection agency to be a public water supply and which has a net production rate of less than or equal to ten thousand gallons per day; or | | X |
| B(3)(b): Two hundred horizontal feet of a water supply designated by Ohio environmental protection agency to be a public water supply and which has a net production rate of greater than ten thousand gallons per day to less than or equal to fifty thousand gallons per day; or | | X |
| B(3)(c): Three hundred horizontal feet of a water supply designated by Ohio environmental protection agency to be a public water supply and which has a net production rate of greater than fifty thousand gallons per day. | | X |
| B(4): The area is located within a half-circle shaped area one thousand feet upstream of a public water supply surface water intake where the baseline of the half-circle is perpendicular to the stream at the intake and has a diameter of two thousand feet, and where the midpoint of the base line is the intake, and where the radius of the half-circle is one thousand feet, unless the owner or operator demonstrates to the bureau chief that the UST system is located or will be located in a surface water drainage area that is actually downstream of the intake. | | X |
| B(5): The area is located within two hundred horizontal feet of a lake or reservoir. To be considered a lake or reservoir for purposes of this paragraph the average surface area of the body of water must be a minimum of five acres. | | X |
| B(6): The area is located with one hundred horizontal feet of a man-made underground structure, tunnel or cavity used primarily for pedestrian traffic or passenger-carrying vehicles. | | X |
| Results: Is site in a Sensitive Area? (Any one "yes" response places this site in a Sensitive Area) | | X |





ORIGINAL

State of Ohio
DEPARTMENT OF NATURAL RESOURCES
Division of Water
65 S. Front St., Rm. 815 Phone (614) 469-2646
Columbus, Ohio 43215

No. 391135

CONSTRUCTION DETAILS

Test Rate..... G.P.M. Duration of test 3 hrs.
Drawdown TOTAL ft. Date SEP 25, 64
Static level-depth to water 11 ft.
Quality (clear, cloudy, taste, odor) CLEAR NO
ODOR & TASTE
Pump installed by HEWITT FREDERICKSON

SKETCH SHOWING LOCATION

Locate in reference to numbered
State Highways, St. Intersections, County roads, etc.

Date SEPT 27, 69.
Signed Herb L. Lusk

WELL LOG AND DRILLING REPORT

ORIS

PLEASE USE PENCIL
OR TYPEWRITER
DO NOT USE INK.

State of Ohio
DEPARTMENT OF NATURAL RESOURCES
Division of Water
1562 W. First Avenue
Columbus 12, Ohio

4
No. 29264

County LAKE Township PERRY Section of Township LOT 20

Owner WILLIAM FREIS Address 2586 RIVER SIDE DR, PAINE

Location of property SOUTH SIDE STATE RT 84 1/4 ML WEST OF MADISON

| CONSTRUCTION DETAILS | BAILING OR PUMPING TEST |
|---|--|
| Casing diameter <u>6"</u> Length of casing <u>40'</u> | Pumping Rate <u>1/2</u> G.P.M. Duration of test <u>4</u> |
| Type of screen <u>—</u> Length of screen <u>—</u> | Drawdown <u>TOTAL</u> ft. Date <u>DEC 13, 63</u> |
| Type of pump <u>—</u> | Static level-depth to water <u>31</u> |
| Capacity of pump <u>—</u> | Quality (clear, cloudy, taste, odor) <u>CLEAR, N.</u> |
| Depth of pump setting <u>—</u> | <u>TASTE OR ODOR</u> |
| Date of completion <u>DEC 13, 63</u> | Pump installed by <u>—</u> |

| WELL LOG | | | SKETCH SHOWING LOCATION |
|---|--------|--------|---|
| Formations Sandstone, shale, limestone, gravel and clay | From | To | Locate in reference to numbered State Highways, St. Intersections, County roads, etc |
| BROWN SAND | 0 Feet | 15 Ft. | <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">W.</div> <div style="text-align: center;"> </div> <div style="text-align: center;">S.</div> </div> <p style="text-align: center;">See reverse side for instructions</p> |
| BLUE CLAY | 15 | 30 | |
| BLUE SHALE | 30 | 102 | |

Drilling Firm HEWITT FREDERBAUGH Date 12/15/63

Address GRAND RIVER Signed Hewitt Frederbaugh

WATER LOG AND DRILLING REPORT
 State of Ohio
 DEPARTMENT OF NATURAL RESOURCES
 Division of Water
 1500 Dublin Road
 Columbus, Ohio

ORIGINAL

5

No. 216197

County Lake Township Perry Section of Township Southwest
 Owner Church of Jesus Christ Address RT 84 Painesville, Ohio
 Location of property North side RT 84 - 1/4 mi. E. of Madison Ave.
1/4 mi. S. of RT 307

| CONSTRUCTION DETAILS | | BAILING OR PUMPING TEST | |
|--|----------------------------|---------------------------------------|----------------------------------|
| Casing diameter <u>5 3/8</u> | Length of casing <u>23</u> | Pumping rate <u>1</u> | G.P.M. Duration of test <u>3</u> |
| Type of screen <u>none</u> | Length of screen | Drawdown <u>8.5</u> | ft. Date <u>March 8, 1958</u> |
| Type of pump <u>Deep well jet</u> | | Developed capacity | |
| Capacity of pump <u>200 gal. per hr.</u> | | Static level—depth to water <u>15</u> | |
| Depth of pump setting <u>95'</u> | | Pump installed by <u>Builders</u> | |
| Date of completion <u>March 8, 1958</u> | | | |

| WELL LOG | | | SKETCH SHOWING LOCATION | |
|---|--------|--------------|--|--|
| Formations Sandstone, shale, limestone, gravel and clay | From | To | Locate in reference to numbered State Highways, St. Intersections, County roads, etc. | |
| <u>yellow sand soil</u> | 0 Feet | <u>3</u> Ft. | | |
| <u>soft crumbling shale</u> | 3 | 15 | | |
| <u>light shale</u> | 15 | 100 | | |
| <u>Water at 25'</u> | | | | |

722/12/709

7 JUL 10 1958
 828 JUL 23 1958

Drilling Firm LEE C. FREDEBAUGH
 2030 Button Road
 MENTOR, OHIO
 Address

Date July 6, 1958
 Signed Lee C. Fredebaugh

See reverse side for instructions

WELL LOG AND DRILLING REPORT

ORIG

X 2361000
7 754800N

State of Ohio
OHIO WATER RESOURCES BOARD
Department of Public Works
553 E. Broad St., Columbus 15, Ohio

No. 67041

County Lake Township Perry Section of Township Perry or Lot Number

Owner Mrs Russell A. Sigler Address Painesville P.O. # 2

Location of property on Route 84 East of Painesville 3 mi

CONSTRUCTION DETAILS

PUMPING TEST

Casing diameter 5 3/8 Length of casing 38 ft
Type of screen Length of screen
Type of pump
Capacity of pump
Depth of pump setting

Pumping rate G.P.M. Duration of test
Drawdown ft. Date
Developed capacity 4 gal P - min
Static level of completed well 30 ft.
Pump installed by

WELL LOG

SKETCH SHOWING LOCATION

Formations
Sandstone, shale, limestone,
gravel and clay

From

To

Locate in reference to numbered
State Highways, St. Intersections, County roads, etc.

Clay

Sand + Gravel

Shale Rock

0 Feet

Feet

0

35

33

38

38

60

W Painesville Route 84

752
30
722

S.

See reverse side for instructions

Drilling Firm B. E. Booker + Son

Date May 1 - 52

Address Painesville, O

Signed B. E. Booker

OHIO WATER RESOURCES BOARD

Well Record No. 125

Co. Lake 43 Twp. Perry 7 Sec. 30
 Well Location Corner Rt. 84 and Madison size 5" x 13 1/2"
Avenue Map Chardon
RFD. 2
 Owner Emil Klann Address Painesville, Ohio
 Driller Cotter and Neroda Drilling Co. Date 6-29-49

Well Head Elev. or M. P. _____
 Elev. of Ground at Well _____

Pumping Test: 4 GPM for 2 hrs. MD: 5'
 Developed Capacity: 5 GPM
 Static Level 10' Date 6-25-49
 Normal Pumpage _____

Quality _____ Use _____

Adequacy of supply _____

Owner's Well No. or Other Designation _____

| 67493 STRATA | DEPTH | |
|----------------------|-------|----|
| | From | To |
| Yellow Clay and sand | 0 | 11 |
| Gravel | | 13 |
| Shale (Gray) | | 50 |
| Water at 22' | | |

72 1/10
7 1/10

7

OHIO WATER RESOURCES BOARD

Well Record No. 219

Co. Q Lake 43 Twp. Perry 7 Sec. 29
 Well Location S² Corner River Rd. Size 6-5/8" x 23'
and St. rt. 24 Mac. Chardon
River Rd.
 Owner R. Elliot Address Perry, Ohio
 Driller Cottle and Nerada Drilling Co. Date 7-26-47

Well Head Elev. or M. P. _____
 Elev. of Ground at Well _____

Pumping Test: _____

Static Level _____ Date 7-23-47

Normal Pumpage _____

Quality _____ Use _____

Adequacy of supply _____

Owner's Well No. or Other Designation _____

Source of Data Driller

Collected by cb Date 1949

| 67476 STRATA | DEPTH | |
|--|-------|-----|
| | From | To |
| Sand and Gravel | 0 | 9 |
| Yellow Clay | | 16 |
| Blue Clay | | 23 |
| Shale (grey) <u>5</u> | | 125 |
| Water seeps thru shale. Levels off at 53'. Tried shooting shale. No results. | | |
| X 2,360,300 | | |
| u 754,200 N | | |

WELL LOG AND DRILLING REPORT

ORIGIN

State of Ohio
DEPARTMENT OF NATURAL RESOURCES
Division of Water
Columbus, Ohio

175
No 129312

County Lake Township Perry Section of Township South Western
or Lot Number
Owner A. K. Lassar Address Madison Ave. R. F. Painesville
Location of property North side Madison Ave. Home Plots - RT 20 - 1/4 mi East of P. & O. Rd.

CONSTRUCTION DETAILS

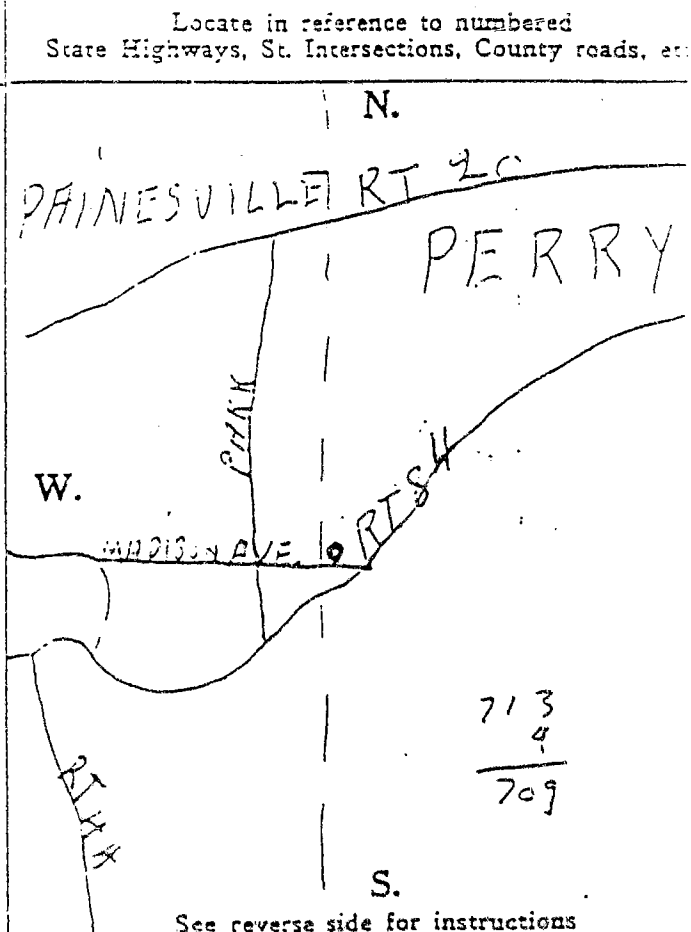
PUMPING TEST

Casing diameter 5 3/4 Length of casing 11 Pumping rate 10 G.P.M. Duration of test 2
Type of screen none Length of screen
Type of pump 100 ft Drawdown 31 ft. Date April 3, 1955
Capacity of pump 300 gal per hr Developed capacity
Depth of pump setting 33 Static level to water 4
Pump inst 7 plumber

WELL LOG

SKETCH SHOWING LOCATION

| Formations Sandstone, shale, limestone, gravel and clay | From | To |
|---|--------|--------------|
| <u>Yellow clay</u> | 0 Feet | <u>7</u> Ft. |
| <u>yellow clay & gravel</u> | 7 | 9 |
| <u>blue clay</u> | 9 | 11 |
| <u>shale</u> | 11 | 35 |
| <u>Water at 16'</u> | | |



Drilling Firm Lee E. Fredebaugh
Address 154 Hale Rd. Painesville, O.

Date Jan. 13, 1955
Signed Lee E. Fredebaugh

WELL LOG AND DRILLING REPORT

ORIGINAL

PLEASE USE PENCIL
OR TYPEWRITER.
DO NOT USE INK.State of Ohio
DEPARTMENT OF NATURAL RESOURCES
Division of Water
1562 W. First Avenue
Columbus, Ohio191
No. 274386County Lake Township Perry Section of Township South east
Owner Ed Savels Address 366 Liberty St. Painesville
Location of property 1st #3 Circle Dr. 1/4 mi north of Madison Ave.

CONSTRUCTION DETAILS

BAILING OR PUMPING TEST

| | | | |
|-------------------------------|------------------|------------------------------|-------------------------------|
| Casing diameter <u>5 5/8"</u> | Length of casing | Pumping rate <u>1</u> G.P.M. | Duration of test <u>1</u> hr. |
| Type of screen | Length of screen | Drawdown <u>67</u> ft. | Date <u>March 31, 1962</u> |
| Type of pump | | Developed capacity | |
| Capacity of pump | | Static level—depth to water | <u>3</u> ft. |
| Depth of pump setting | | Pump installed by | |
| Date of completion | | | |

WELL LOG

SKETCH SHOWING LOCATION

| Formations Sandstone, shale, limestone, gravel and clay | From | To | Locate in reference to numbered State Highways, St. Intersections, County roads, etc. |
|---|---------------|--------------|--|
| <u>yellow clay</u> | <u>0 Feet</u> | <u>7</u> Ft. | |
| <u>blue clay</u> | <u>7</u> | <u>12</u> | |
| <u>shale</u> | <u>12</u> | <u>72</u> | |
| <u>small vein at 20'</u> | | | |
| <u>bandoned hole</u> | | | |

Drilling Firm LEE G. FREDEBAUGH
2030 Button Road
MENTOR, OHIO
Address _____Date April 4, 1962
Signed Lee G. Fredebaugh

See reverse side for instructions

ORIG: 1

Nº 339872

are additional space is needed to complete wall log use next consecutive numbered form

WELL LOG AND DRILLING REPORT

ORIGINAL

PLEASE USE PENCIL
OR TYPEWRITER

DO NOT USE INK

State of Ohio
DEPARTMENT OF NATURAL RESOURCES
Division of Water
1562 W. First Avenue
Columbus, Ohio 43212

193
No 358573

County Lake Township Pelee Section of Township _____

Owner HARRISON PLES. Co. Address 710 6th Ave. - Maumee, Ohio

Location of property SE 41-SW Cor. 6 = CIRCLE DR.

| CONSTRUCTION DETAILS | BAILING OR PUMPING TEST |
|---|--|
| Casing diameter <u>4"</u> Length of casing <u>175'</u> | Pumping Rate <u>3</u> G.P.M. Duration of test <u>1</u> hr. |
| Type of screen <u>5/16" #10</u> Length of screen <u>10'</u> | Drawdown _____ ft. Date <u>2-15-67</u> |
| Type of pump _____ | Static level-depth to water <u>6</u> ft. |
| Capacity of pump _____ | Quality (clear, cloudy, taste, odor) <u>CLEAR</u> |
| Depth of pump setting _____ | Pump installed by _____ |
| Date of completion _____ | |

| WELL LOG* | | | SKETCH SHOWING LOCATION |
|---|---------------|--------------|--|
| Formations Sandstone, shale, limestone, gravel and clay | From | To | <p>Locate in reference to numbered State Highways, St. Intersections, County roads, etc.</p> |
| <u>YELLOW CLAY</u> | <u>0 Feet</u> | <u>4 Ft.</u> | |
| <u>SAND & GRAVEL</u> | <u>4'</u> | <u>6'</u> | |
| <u>GRAY SHALE</u> | <u>6'</u> | <u>8'</u> | |
| <u>BROWN LOOSE SHALE</u> | <u>8'</u> | <u>12'</u> | |
| <u>GRAY SHALE</u> | <u>12'</u> | <u>51'</u> | |
| | | | |
| | | | |
| | | | |
| | | | |

Drilling Firm HARRY NERODA Date AUG. 10, 1967

Address 51 ADELAIDE AVE. Signed Harry Neroda

PAINESVILLE, OHIO

ORIGINAL

State of Ohio
DEPARTMENT OF NATURAL RESOURCES
Division of Water
65 S. Front St., Rm. 315 Phone (614) 469-2646
Columbus, Ohio 43215

No. 375394

194

BAILING OR PUMPING TEST
(Specify one by circling)

Test Rate 1 G.P.M. Duration of test 1 hrs
 Drawdown 21.00 ft Date 10-22-52
 Static level-depth to water 102.00 ft
 Quality (clear, cloudy, taste, odor) _____

 Pump installed by _____

SKETCH SHOWING LOCATION

30

Locate in reference to numbered
State Highways, St. Intersections, County roads, etc.

N.

CIRCLE DR.

MURPHY

MAY 100

300

W. MADISON AVE E

S.

Date Oct. 14, 1968
Signed Harry Morada 19

WELL LOG AND DRILLING REPORT

ORIGIN

PLEASE USE PENCIL
OR TYPEWRITER
DO NOT USE INK.

State of Ohio
DEPARTMENT OF NATURAL RESOURCES
Division of Water
1562 W. First Avenue
Columbus 12, Ohio

195
No 320271

County LAKE Township PERRY Section of Township LOT 20

Owner FIRST FEDERAL SAVINGS & LOAN ASSOC. Address WILLOUGHBY, OHIO

Location of property WEST SIDE MURRAY AVE 600' NORTH OF MADISON AVE

| CONSTRUCTION DETAILS | | BAILING OR PUMPING TEST | |
|---------------------------------------|-----------------------------|---|-------------------------------|
| Casing diameter <u>1 1/2"</u> | Length of casing <u>17'</u> | Pumping Rate <u>8</u> G.P.M. | Duration of test <u>3</u> hrs |
| Type of screen <u>—</u> | Length of screen <u>—</u> | Drawdown <u>TOTAL</u> ft. | Date <u>SEPT 28, 64</u> |
| Type of pump <u>IMMERISABLE</u> | | Static level-depth to water <u>8</u> ft. | |
| Capacity of pump <u>8</u> | | Quality (clear, cloudy, taste, odor) <u>CLEAR, NO</u> | |
| Depth of pump setting <u>52 FT</u> | | <u>TASTE OR ODOR</u> | |
| Date of completion <u>SEPT 28, 64</u> | | Pump installed by <u>HEWITT FREDERBAUGH</u> | |

| WELL LOG | | | SKETCH SHOWING LOCATION | |
|---|--------|--------|--|--|
| Formations Sandstone, shale, limestone, gravel and clay | From | To | Locate in reference to numbered State Highways, St. Intersections, County roads, etc. | |
| TOP SOIL | 0 Feet | 2 Ft. | | |
| YELLOW CLAY | 2 | 11 | | |
| BLUE CLAY & GRAVEL | 11 | 13 | | |
| BLUE SHALE | 13 | 63 1/2 | | |

S.
See reverse side for instructions

Drilling Firm HEWITT FREDERBAUGH
Address GRAND RIVER

Date 10/1/64
Signed Hewitt Frederbaugh

WELL LOG AND DRILLING REPORT

ORIGINAL

NO CARBON PAPER
NECESSARY—
ST. & TRANSCRIBING

State of Ohio
DEPARTMENT OF NATURAL RESOURCES
Division of Water
65 S. Front St., Rm. 315 Phone (614) 469-2646
Columbus, Ohio 43215

No. 420289

County FARE Township PERIE Section of Township S/E 30

Owner COLONIAL VILLAGE CO Address 1500 JACKSON ST

Location of property NORTHWEST SIDE MURRAY CIRCLE 1/4 ML NORTH OF MADISON

CONSTRUCTION DETAILS

BAILING OR PUMPING TEST (Specify one by circling)

Casing diameter 1" Length of casing 14'
Type of screen — Length of screen —
Type of pump —
Capacity of pump —
Depth of pump setting —
Date of completion MARCH 6 72

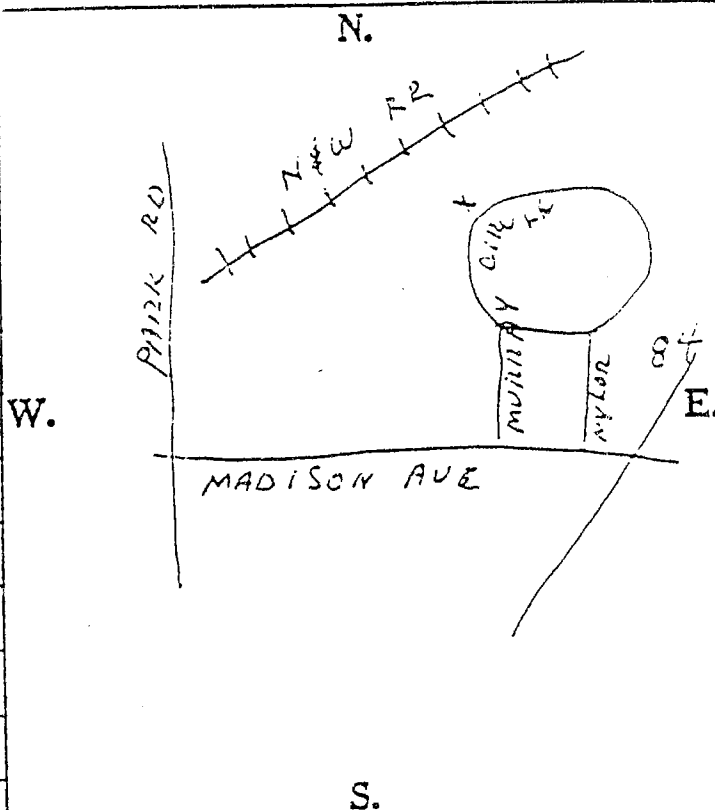
Test Rate 3 G.P.M. Duration of test 2 hrs
Drawdown TOTAL ft Date MARCH 6 1972
Static level—depth to water 3 ft
Quality (clear, cloudy, taste, odor) CLEAR, NO TASTE
Pump installed by —

WELL LOG*

SKETCH SHOWING LOCATION

| Formations Sandstone, shale, limestone, gravel and clay | From | To |
|---|---------------|-------------|
| <u>TOP SOIL</u> | <u>0 Feet</u> | <u>1 Ft</u> |
| <u>YELLOW CLAY</u> | <u>1</u> | <u>2</u> |
| <u>BROWN SHALE</u> | <u>8</u> | <u>15</u> |
| <u>BLUE SHALE</u> | <u>10</u> | <u>52</u> |
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Locate in reference to numbered
State Highways, St. Intersections, County roads, etc.



Drilling Firm FREDEBAUGH WELL DRILLING CO Date MARCH 11 1972
Address GRAND RIVER O Signed Fredebaugh

ORIGINAL

No. 406188

Date MARCH 27 76
Signed Kurt Fred Kuehn Jr

OHIO WATER RESOURCES BOARD

Well Record No. 125

Co. Lake 43 Twp. Perry 7 Sec. 19
 Well Location S. of E. 31 on River Road Size 6-5/8" x 25'
Chardon
River Road
 Owner J. Patrower Address Perry, Ohio
 Driller Cottle and Neeroda Drilling Co. Date 7-1-49
 Well Head Elev. or M. P. _____
 Elev. of Ground at Well _____
 Pumping Test: _____
 Static Level 25' Date 6-25-49
 Normal Pumpage _____
 Quality _____ Use _____
 Adequacy of supply _____
 Owner's Well No. or Other Designation _____
 Source of Data Driller
 Collected by cb Date 1949

| 67473 STRATA | DEPTH | |
|-----------------------|-------|-----|
| | From | To |
| Ginger Sand | 0 | 22 |
| Shale (Gray) | | 63 |
| Water at 45' | | |
| 730 25 705 | | |
| < 2361.300 253.400 | | 316 |

Chas. Aquifer

WELL LOG AND DRILLING REPORT

ORIGINAL

PLEASE USE PENCIL
OR TYPEWRITER.
DO NOT USE INK.

State of Ohio
DEPARTMENT OF NATURAL RESOURCES
Division of Water
1562 W. First Avenue
Columbus, Ohio

96

No. 248617

County Lake Township Rainesville Section of Township South east
Owner Paul Crasner Address Melmer Dr. Rainesville
Location of property South west cor. R.T. 54 & Orton Rd

CONSTRUCTION DETAILS

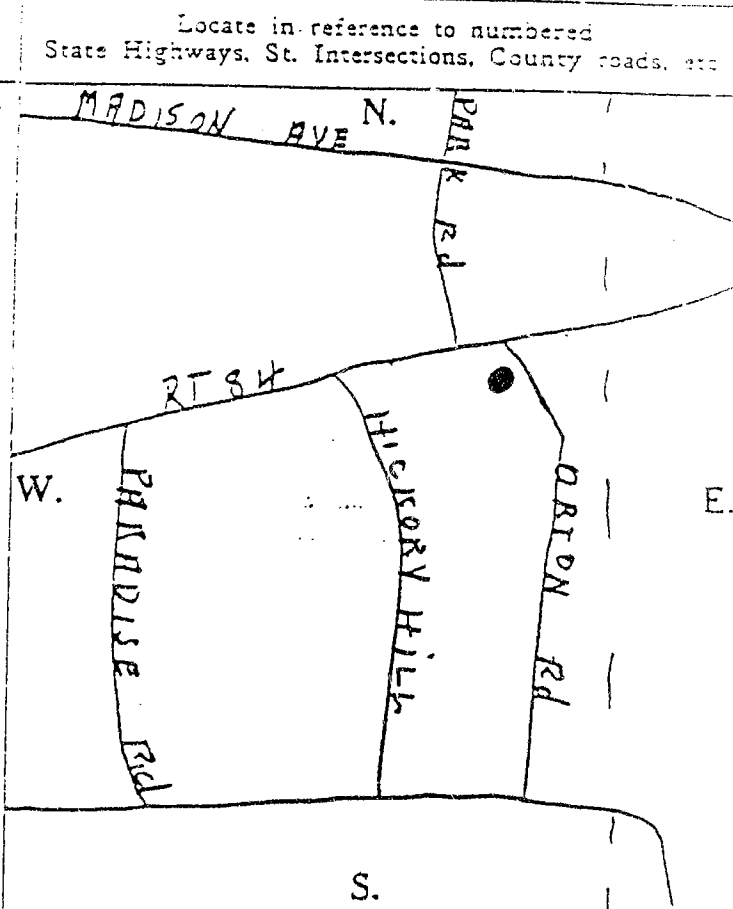
BAILING OR PUMPING TEST

Casing diameter 5 5/8 Length of casing.....
Type of screen..... Length of screen.....
Type of pump.....
Capacity of pump.....
Depth of pump setting.....
Date of completion Nov. 20, 1959
Pumping rate..... G.P.M. Duration of test.....
Drawdown..... ft. Date.....
Developed capacity.....
Static level—depth to water.....
Pump installed by.....

WELL LOG

SKETCH SHOWING LOCATION

| Formations Sandstone, shale, limestone, gravel and clay | From | To |
|---|--------|-------|
| andy soil | 0 Feet | 7 Ft. |
| blue clay | 7 | 34 |
| light shale | 34 | 52 |
| exp. aggr. at top of shale | | |
| lined casing & legged hole | | |



See reverse side for instructions

Drilling Firm

LEE G. FREDERBAUGH
2010 Burton Road
MENTOR, OHIO

Address

Date

Signed

Lee G. Frederbaugh
Oct. 1, 1960

96

WE LOG AND DRILLING REPORT

ORIGINAL

NO CARBON PAPER
NECESSARY—
SELF-TRANSCRIBING

State of Ohio
DEPARTMENT OF NATURAL RESOURCES
Division of Water
65 S. Front St., Rm. 815 Phone (614) 469-2548
Columbus, Ohio 43215

97
No. 375913

County LANE Township PAINEVILLE Section of Township 22-1 Lot 28
Owner MR. FLEWITT Address 30 ORION, PAINEVILLE
Location of property WEST SIDE ORION DR 600' SOUTH OF STATE RT 84

| CONSTRUCTION DETAILS | | | BAILING OR PUMPING TEST (Specify one by circling) | |
|---|----------------------------|---------------|--|--------------------------------|
| Casing diameter <u>6"</u> | Length of casing <u>2'</u> | | Test Rate <u>1 1/2</u> G.P.M. | Duration of test <u>4</u> hrs. |
| Type of screen <u>S&S</u> | Length of screen <u>2'</u> | | Drawdown <u>TOTAL</u> ft. | Date <u>MAY 14, 1968</u> |
| Type of pump <u>—</u> | | | Static level-depth to water <u>2</u> ft. | |
| Capacity of pump <u>—</u> | | | Quality (clear, cloudy, taste, odor) <u>CLEAR NO TASTE OR ODOR</u> | |
| Depth of pump setting <u>—</u> | | | Pump installed by <u>—</u> | |
| Date of completion <u>MAY 14, 1968</u> | | | | |
| WELL LOG* | | | SKETCH SHOWING LOCATION | |
| Formations Sandstone, shale, limestone, gravel and clay | From | To | Locate in reference to numbered State Highways, St. Intersections, County roads, etc. | |
| <u>TOP SOIL</u> | <u>0 Feet</u> | <u>1 Ft.</u> | | |
| <u>YELLOW CLAY</u> | <u>1</u> | <u>8</u> | | |
| <u>BROWN SAND & GRAVEL</u> | <u>8</u> | <u>11</u> | | |
| <u>BLUE SAND & GRAVEL</u> | <u>11</u> | <u>14</u> | | |
| <u>BLUE CLAY</u> | <u>14</u> | <u>42</u> | | |
| <u>FINE BLUE GRAVEL</u> | <u>42</u> | <u>43 1/2</u> | | |
| <u>SHALE</u> | <u>43 1/2</u> | <u>77</u> | | |
| | | | | |
| | | | | |
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| | | | | |
| | | | | |
| | | | | |

Drilling Firm HEWITT-FREDEBAUGH
Address GRAND RIVER

Date JUNE 1 1968
Signed Heidi Fredebaugh

If additional space is needed to complete well log, use next sheet attached to this form.

WELL LOG AND DRILLING REPORT

ORIGINAL

State of Ohio
DEPARTMENT OF NATURAL RESOURCES
Division of Water
1500 Dublin Road
Columbus, Ohio

98
No. 219283

County Lake Township PAINESVILLE Section of Township
Owner JULIUS MAJOROS Address 719 Plum St., Fairport Har., C.
Location of property 1000' SOUTH OF RT. 84 ON ORTON RD.

| CONSTRUCTION DETAILS | | BAILING OR PUMPING TEST | |
|-------------------------------|--------------------------------|---------------------------------------|---------------------------------|
| Casing diameter <u>5 3/8"</u> | Length of casing <u>33'</u> | Bailing rate <u>7</u> G.P.M. | Duration of test <u>1/2</u> hr. |
| Type of screen <u>SLOTTED</u> | Length of screen <u>1'-06"</u> | Drawdown <u>12</u> ft. | Date <u>9-20-58</u> |
| Type of pump | | Developed capacity | |
| Capacity of pump | | Static level—depth to water <u>11</u> | |
| Depth of pump setting | | Pump installed by | |
| Date of completion | | | |

| WELL LOG | | | SKETCH SHOWING LOCATION |
|---|--------|--------------|--|
| Formations Sandstone, shale, limestone, gravel and clay | From | To | Locate in reference to numbered State Highways, St. Intersections, County roads, etc. |
| <u>YELLOW CLAY</u> | 0 Feet | <u>6</u> Ft. | |
| <u>YELLOW SANDY CLAY</u> | 6 | 9 | |
| <u>BLUE CLAY - SILT</u> | 9 | 19 | |
| <u>SAND + COARSE GRAVEL (WATER BEARING)</u> | 19 | 24 | |
| <u>BLUE CLAY - HARD PAN</u> | 24 | 33 | |

Drilling Firm HARRY NERODA DRILLING CO Date 9-20-58
Address 51 ADELAIDE AVE. Signed Harry Neroda
PAINESVILLE OHIO

See reverse side for instructions

WELL LOG AND DRILLING REPORT

ORIGINAL

PLEASE USE PENCIL
OR TYPEWRITER
DO NOT USE INK.

State of Ohio
DEPARTMENT OF NATURAL RESOURCES
Division of Water
1562 W. First Avenue
Columbus 12, Ohio

99
No 299505

County Lake Township Princeton Section of Township _____
Owner Paul C. ... Address Capt. P. Princeton, Ind.
Location of property 400' South of Rt. 24 on West Side of Pines Rd

| CONSTRUCTION DETAILS | BAILING OR PUMPING TEST |
|---|---|
| Casing diameter <u>5 5/8"</u> Length of casing <u>40'</u> | Pumping Rate <u>1</u> G.P.M. Duration of test <u>1</u> hrs. |
| Type of screen <u>Slaten</u> Length of screen <u>2'</u> | Drawdown <u>48</u> ft Date <u>8-27-63</u> |
| Type of pump _____ | Static level-depth to water <u>22</u> ft. |
| Capacity of pump _____ | Quality (clear, cloudy, taste, odor) _____ |
| Depth of pump setting _____ | Pump installed by _____ |
| Date of completion _____ | |

| WELL LOG | | | SKETCH SHOWING LOCATION |
|---|--------|-------|---|
| Formations Sandstone, shale, limestone, gravel and clay | From | To | Locate in reference to numbered State Highways, St. Intersections, County roads, etc. |
| TOP SOIL | 0 Feet | 1 Ft. | <p>N.</p> <p>W. E.</p> <p>RT. 24</p> <p>400'</p> <p>DRILLING RD</p> <p>770 72 748</p> <p>S.</p> |
| YELLOW CLAY | 1 | 3 | |
| BLUE CLAY | 3 | 32 | |
| GRAVELY CLAY | 32 | 33 | |
| GRAY SHALE-SOFT | 33 | 38 | |
| GRAY SHALE-HARD | 38 | 40 | |
| GRAY SHALE-MED. | 40 | 72 | |
| (WATER AT 40') | | | See reverse side for instructions |

Drilling Firm HARRY NERODA
Address 51 ANGLADE AVE.
PRINESVILLE, OHIO

Date 8-27-63
Signed Harry Neroda

ATEC ASSOCIATES, INC.
CLEVELAND, OHIO

SOIL BORING LOG
AND
FLAME-IONIZATION READINGS

CLIENT: CUMBERLAND FARMS, INC.
PROJECT NAME: SITE ASSESSMENT
PROJECT LOCATION: PAINESVILLE, OHIO

BORING NUMBER: B-1
JOB NUMBER: 52-00359
DRAWN BY: DAH

DRILLING AND SAMPLING INFORMATION

Date Started 12-12-95 Hammer Weight 140lbs.
Date Completed 12-12-95 Hammer Drop 30in.
Drill Foreman _____ Spoon O.D. 2in.
Geologist DS Boring Method HSA

REC - Sample Recovery Percentage
SPT - Standard Penetration Test
T1 - Time Sample Gathered
FID - Flame-ionization Detector
Reading

| SOIL CLASSIFICATION | DEPTH | SAMPLE No. | Type | REC % | SPT | T1 | FID ppm |
|--|-------|------------|------|-------|------------|----|---------|
| Sandy silty gravel FILL, slightly moist | | | | | | | |
| | | 1 | SS | 30 | 1-7-7-6 | | 1.0 |
| | 5.0 | 2 | SS | 30 | 5-5-5-3 | | ND |
| Brown SILTY CLAY, some organics, slightly moist to dry | | 3 | SS | 60 | 3-4-9-13 | | 1.0 |
| | | 4 | SS | 60 | 6-11-14-17 | | 1.0 |
| | 10 | 5 | SS | 80 | 11-15-10-8 | | ND |
| | 12.0 | 6 | SS | 30 | 4-17-17-12 | | 1.0 |
| Gray CLAY, trace gravel, slightly moist to dry | | 7 | SS | 60 | 4-10-14-14 | | ND |
| Gray SHALE, dry | 15.0 | 8 | SS | 50 | 16-50/5" | | 1.0 |
| BORING TERMINATED AT 17.0' | 17.0 | | | | | | |
| | 20 | 4 | SS | | | | |

SAMPLE TYPE

SS-Driven Split Spoon
CA-Continuous Flight Auger
ST-Pressed Shelby Tube

GROUNDWATER

Water on Rods _____ ft
At Completion _____ ft
After _____ Hours _____ ft

BORING METHOD

HSA-Hollow Stem Auger
CFA-Continuous Flight Auger

ATEC ASSOCIATES, INC.
CLEVELAND, OHIO

SOIL BORING LOG
AND
FLAME-IONIZATION READINGS

CLIENT: CUMBERLAND FARMS, INC.
PROJECT NAME: SITE ASSESSMENT
PROJECT LOCATION: PAINESVILLE, OHIO

BORING NUMBER: B-2
JOB NUMBER: 52-00359
DRAWN BY: DAH

DRILLING AND SAMPLING INFORMATION

Date Started 12-12-95 Hammer Weight 140lbs.
Date Completed 12-12-95 Hammer Drop 30in.
Drill Foreman _____ Spoon O.D. 2in.
Geologist DS Boring Method HSA

REC - Sample Recovery Percentage
SPT - Standard Penetration Test
T1 - Time Sample Gathered
FID - Flame-ionization Detector
Reading

| SOIL CLASSIFICATION | DEPTH | SAMPLE No. Type | REC % | SPT | T1 | FID ppm |
|---|-------|--------------------|----------|-----|----|------------|
| Brown SILTY SAND, trace gravel, slightly moist | | | | | | |
| | | 1 SS | 15 | - | | ND |
| | 5 | 2 SS | 20 | - | | ND |
| | | 3 SS | 10 | - | | ND |
| | 8.0 | | | | | |
| Gray SILTY CLAY, slightly moist | 9.0 | 4 SS | 20 | - | | ND |
| Brown SILTY CLAY, trace gravel, slightly moist | 10 | | | | | |
| | | 5 SS | 90 | - | | <1 |
| | 13.0 | 6 SS | 80 | - | | 2.8 |
| Gray CLAY, trace gravel, slightly moist to dry | 15 | 7 SS | 70 | - | | 30 |
| | 17.0 | 8 SS | 70 | - | | 40 |
| BORING TERMINATED AT 17.0' | | | | | | |
| | 20 | 4 SS | | | | |

SAMPLE TYPE
SS-Driven Split Spoon
CA-Continuous Flight Auger
ST-Pressed Shelby Tube

GROUNDWATER
Water on Rods _____ ft
At Completion _____ ft
After _____ Hours _____ ft

BORING METHOD
HSA-Hollow Stem Auger
CFA-Continuous Flight Auger

ATEC ASSOCIATES, INC.
CLEVELAND, OHIO

SOIL BORING LOG
AND
FLAME-IONIZATION READINGS

CLIENT: CUMBERLAND FARMS, INC. BORING NUMBER: B-3
PROJECT NAME: SITE ASSESSMENT JOB NUMBER: 52-00359
PROJECT LOCATION: PAINESVILLE, OHIO DRAWN BY: DAH

DRILLING AND SAMPLING INFORMATION

Date Started 12-12-95 Hammer Weight 140lbs.
Date Completed 12-12-95 Hammer Drop 30in.
Drill Foreman Spoon O.D. 2in.
Geologist DS Boring Method HSA

REC - Sample Recovery Percentage
SPT - Standard Penetration Test
T1 - Time Sample Gathered
FID - Flame-ionization Detector
Reading

| SOIL CLASSIFICATION | DEPTH | SAMPLE No. | Type | REC % | SPT | T1 | FID ppm |
|---|-------|------------|------|-------|-------------|----|---------|
| Brown SAND, some silt, slightly moist | | | | | | | |
| | | 1 | SS | 15 | 4-6-5-4 | | ND |
| | 5.0 | 2 | SS | 15 | 3-3-4-6 | | 2.0 |
| Brown and gray SILTY CLAY, slightly moist | | 3 | SS | 80 | 3-4-7-13 | | 55 |
| slight odor | | 4 | SS | 90 | 5-10-12-18 | | 200 |
| some organics | 10 | 5 | SS | 80 | 8-13-15-17 | | <1 |
| Gray SILTY CLAY, slightly moist | 11.0 | 6 | SS | 70 | 8-12-17-50+ | | <1 |
| some gravel | 15 | 7 | SS | 50 | 27-50/6" | | 5.0 |
| becomes dry | 17.0 | 8 | SS | 70 | 12-14-14-14 | | <1 |
| BORING TERMINATED AT 17.0' | | | | | | | |
| | 20 | 4 | SS | | | | |

SAMPLE TYPE

SS-Driven Split Spoon
CA-Continuous Flight Auger
ST-Pressed Shelby Tube

GROUNDWATER

Water on Rods ft
At Completion ft
After Hours ft

BORING METHOD

HSA-Hollow Stem Auger
CFA-Continuous Flight Auger

ATEC ASSOCIATES, INC.
CLEVELAND, OHIO

SOIL BORING LOG
AND
FLAME-IONIZATION READINGS

CLIENT: CUMBERLAND FARMS, INC. BORING NUMBER: B-4
PROJECT NAME: SITE ASSESSMENT JOB NUMBER: 52-00359
PROJECT LOCATION: PAINESVILLE, OHIO DRAWN BY: DAH

DRILLING AND SAMPLING INFORMATION

Date Started 12-12-95 Hammer Weight 140lbs.
Date Completed 12-12-95 Hammer Drop 30in.
Drill Foreman Spoon O.D. 2in.
Geologist DS Boring Method HSA

REC - Sample Recovery Percentage
SPT - Standard Penetration Test
T1 - Time Sample Gathered
FID - Flame-ionization Detector
Reading

| SOIL CLASSIFICATION | DEPTH | SAMPLE No. Type | REC % | SPT | T1 | FID ppm | |
|--|-------|--------------------|----------|-----------------|----|------------|--|
| Brown SILTY SANDY CLAY, slight odor, slightly moist | | | | | | | |
| | 3.0 | 1 SS | 80 | 7-10-5-5 | | 5.0 | |
| Brown SILTY SAND, slightly moist | | | | | | | |
| | 5 | 2 SS | 80 | 2-2-3-2 | | <1 | |
| | 7.0 | 3 SS | 50 | 4-4-4-5 | | 4.0 | |
| Brown and gray SILTY CLAY, slightly moist | | | | | | | |
| | 9.0 | 4 SS | 100 | 3-5-8-11 | | 300 | |
| Brown SILTY CLAY, slightly moist | | | | | | | |
| | 10 | 5 SS | 90 | 5-10- 12-17 | | 170 | |
| | 12.0 | 6 SS | 100 | 11-13- 15-27 | | 100 | |
| Gray SILTY CLAY, shale fragments | | | | | | | |
| | 15 | 7 SS | 50 | 7-16- 17-24 | | 120 | |
| | 17.0 | 8 SS | 100 | 7-16- 17-20 | | 110 | |
| BORING TERMINATED AT 17.0' | | | | | | | |
| | 20 | 4 SS | | | | | |

| SAMPLE TYPE | GROUNDWATER | BORING METHOD |
|----------------------------|--|-----------------------------|
| SS-Driven Split Spoon | Water on Rods <u> </u> ft | HSA-Hollow Stem Auger |
| CA-Continuous Flight Auger | At Completion <u> </u> ft | CFA-Continuous Flight Auger |
| ST-Pressed Shelby Tube | After <u> </u> Hours <u> </u> ft | |

ANALAB Inc.**"EXCELLENCE IN ENVIRONMENTAL TESTING"****TELECOPY FAXIMILE TRANSMITTAL
COVER PAGE**DATE: 12/18/95# OF PAGES: 10

PLEASE DELIVER THE FOLLOWING TO:

NAME : Tom ShalalaFAX # : (216) 524-2668COMPANY: ATEC

RE: _____

SENT BY:

NAME : Robin Dean

COMMENT: _____

PROJECT #: 95-12-0228**IF YOU DO NOT RECEIVE ALL OF THE PAGES, PLEASE
CALL US AT (908)-225-4111 AS SOON AS POSSIBLE****205 CAMPUS PLAZA I RARITAN CENTER
EDISON, NEW JERSEY 08837 (908)-225-4111**USEPA APPROVED and CERTIFIED in Numerous states including: New Jersey/New York/Pennsylvania/Ohio/Delaware/
Virginia/Maryland/Connecticut/Massachusetts/Rhode Island/Texas/Louisiana

MidAtlantic Southeast Region (215)-781-0131

CUMBERLAND FARMS

ANALAB INC.

205 Campus Plaza 1, Raritan Center, Edison, New Jersey 08837 (800) 225-4111
ENVIRONMENTAL ANALYTICAL LABORATORY SERVICES FAX (908) 225-4110

CHAIN-OF-CUSTODY RECORD

and

Work Authorization

[illegible]

ANALab inc.

205 Campus Plaza 1, Raritan Center, Edison, NJ 08837. Tel. (908) 225-4111. Fax. (908) 225-4110

ANALYTICAL REPORT**TOTAL SOLIDS**

CLIENT: ATEC ASSOCIATES
CLIENT PROJECT: CFI PAINSVILLE
REPORT DATE: DEC. 15 1995
PROJECT RECEIPT DATE: 12/14/95

PROJECT: 95-12-0228
MATRIX: SOIL
UNITS: %

| <u>CLIENT ID</u> | <u>LAB ID</u> | <u>RESULTS</u> | <u>ANALYSIS DATE</u> | <u>ANALYST</u> |
|------------------|---------------|----------------|----------------------|----------------|
| B-1(15-17) | 001 | 92.3 | 12/15/95 | SR |
| B-2(15-17) | 002 | 94.8 | 12/15/95 | SR |
| B-3(7-9) | 003 | 86.4 | 12/15/95 | SR |
| B-3(9-11) | 004 | 90.2 | 12/15/95 | SR |
| B-4(7-9) | 005 | 84.9 | 12/15/95 | SR |
| B-4(15-17) | 006 | 91.1 | 12/15/95 | SR |

COMMENTS:

NA = NOT APPLICABLE

WC115
plw

ANALAB inc.

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ANALYTICAL REPORT

GASOLINE RANGE ORGANICS (GRO) ANALYSIS BY GC

CLIENT: ATEC ASSOCIATES
CLIENT PROJECT: CFI PAINSVILLE
REPORT DATE : DEC. 18 1995
PROJECT RECEIVED DATE : 12/14/95

PROJECT: 95-12-0228
ANALYST: MV *LM*
MATRIX : SOIL

| <u>CLIENT ID</u> | <u>LAB ID</u> | <u>RESULT(UG/KG)</u> | <u>MDL(UG/KG)</u> | <u>ANALYSIS DATE</u> |
|------------------|---------------|----------------------|-------------------|----------------------|
| B-1(15-17) | 001 | <10.0 | 10.0 | 12/15/95 |
| B-2(15-17) | 002 | <10.0 | 10.0 | 12/14/95 |
| B-3(7-9) | 003 | 1390.0E | 10.0 | 12/14/95 |
| B-3(9-11) | 004 | <10.0 | 10.0 | 12/14/95 |
| B-4(7-9) | 005 | 26000.0 | 1250.0 | 12/15/95 |
| B-4(15-17) | 006 | 12.2 | 10.0 | 12/14/95 |

COMMENTS:

MDL = METHOD DETECTION LIMIT (MDL).
< = LESS THAN

GROS
LM

ANALab inc.

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ANALYTICAL REPORT

BTEX ANALYSIS BY GC

CLIENT: ATEC ASSOCIATES
CLIENT PROJECT: CFI PAINSVILLE
REPORT DATE : DEC. 18 1995
PROJECT RECEIPT DATE: 12/14/95

LAB ID: 95-12-0228-001
ANALYST: MVM
ANALYSIS DATE: 12/15/95
MATRIX: SOIL

CLIENT SAMPLE DESIGNATION: B-1(15-17)

| <u>COMPOUND</u> | <u>RESULTS (UG/KG)</u> | <u>MDL (UG/KG)</u> |
|-----------------|------------------------|--------------------|
| MTBE | N/A | N/A |
| BENZENE | <2.00 | 2.00 |
| TOLUENE | <2.00 | 2.00 |
| ETHYLBENZENE | <2.00 | 2.00 |
| TOTAL XYLENES | <2.00 | 2.00 |

COMMENTS:

E = EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE
MDL = METHOD DETECTION LIMIT (MDL).
< = LESS THAN

RESULTS ARE REPORTED ON DRY WEIGHT BASIS

BTXMS
for

ANALab inc.

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ANALYTICAL REPORT

BTEX ANALYSIS BY GC

CLIENT: ATEC ASSOCIATES
CLIENT PROJECT: CFI PAINSVILLE
REPORT DATE : DEC. 18 1995
PROJECT RECEIPT DATE: 12/14/95

LAB ID: 95-12-0228-002
ANALYST: MV *mm*
ANALYSIS DATE: 12/14/95
MATRIX: SOIL

CLIENT SAMPLE DESIGNATION: B-2(15-17)

| <u>COMPOUND</u> | <u>RESULTS (UG/KG)</u> | <u>MDL (UG/KG)</u> |
|-----------------|------------------------|--------------------|
| MTBE | N/A | N/A |
| BENZENE | <2.00 | 2.00 |
| TOLUENE | <2.00 | 2.00 |
| ETHYLBENZENE | <2.00 | 2.00 |
| TOTAL XYLENES | <2.00 | 2.00 |

COMMENTS:

E = EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE
MDL = METHOD DETECTION LIMIT (MDL).

< = LESS THAN

RESULTS ARE REPORTED ON DRY WEIGHT BASIS

BTXMS

mm

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ANALYTICAL REPORT

BTEX ANALYSIS BY GC

CLIENT: ATEC ASSOCIATES
CLIENT PROJECT: CFI PAINSVILLE
REPORT DATE : DEC. 18 1995
PROJECT RECEIPT DATE: 12/14/95

LAB ID: 95-12-0228-003
ANALYST: MV *mm*
ANALYSIS DATE: 12/14/95
MATRIX: SOIL

CLIENT SAMPLE DESIGNATION: B-3(7-9)

| <u>COMPOUND</u> | <u>RESULTS(UG/KG)</u> | <u>MDL(UG/KG)</u> |
|-----------------|-----------------------|-------------------|
| MTBE | N/A | N/A |
| BENZENE | <2.00 | 2.00 |
| TOLUENE | <2.00 | 2.00 |
| ETHYLBENZENE | 204.0 | 2.00 |
| TOTAL XYLENES | 381.0 | 2.00 |

COMMENTS:

E = EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE
MDL = METHOD DETECTION LIMIT (MDL).
< = LESS THAN

RESULTS ARE REPORTED ON DRY WEIGHT BASIS

BTXMS

mm

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ANALYTICAL REPORT

BTEX ANALYSIS BY GC

CLIENT: ATEC ASSOCIATES
CLIENT PROJECT: CFI PAINSVILLE
REPORT DATE : DEC. 18 1995
PROJECT RECEIPT DATE: 12/14/95

LAB ID: 95-12-0228-004
ANALYST: MV *42x*
ANALYSIS DATE: 12/14/95
MATRIX: SOIL

CLIENT SAMPLE DESIGNATION: B-3(9-11)

| <u>COMPOUND</u> | <u>RESULTS (UG/KG)</u> | <u>MDL (UG/KG)</u> |
|-----------------|------------------------|--------------------|
| MTBE | N/A | N/A |
| BENZENE | <2.00 | 2.00 |
| TOLUENE | <2.00 | 2.00 |
| ETHYLBENZENE | <2.00 | 2.00 |
| TOTAL XYLENES | <2.00 | 2.00 |

COMMENTS:

E = EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE
MDL = METHOD DETECTION LIMIT (MDL).
< = LESS THAN
RESULTS ARE REPORTED ON DRY WEIGHT BASIS

BTXMS

for

ANALab inc.

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ANALYTICAL REPORT

BTEX ANALYSIS BY GC

CLIENT: ATEC ASSOCIATES
CLIENT PROJECT: CFI PAINSVILLE
REPORT DATE : DEC. 18 1995
PROJECT RECEIPT DATE: 12/14/95

LAB ID: 95-12-0228-005
ANALYST: MV *mm*
ANALYSIS DATE: 12/15/95
MATRIX: SOIL

CLIENT SAMPLE DESIGNATION: B-4(7-9)

| <u>COMPOUND</u> | <u>RESULTS (UG/KG)</u> | <u>MDL (UG/KG)</u> |
|-----------------|------------------------|--------------------|
| MTBE | N/A | N/A |
| BENZENE | <250.0 | 250.0 |
| TOLUENE | 444.0 | 250.0 |
| ETHYLBENZENE | 1460.0 | 250.0 |
| TOTAL XYLENES | 7730.0 | 250.0 |

*Not acceptable
must be below
170*

COMMENTS:

E = EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE
MDL = METHOD DETECTION LIMIT (MDL).
< = LESS THAN
RESULTS ARE REPORTED ON DRY WEIGHT BASIS

BTXMS
fw

ANALab inc.

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ANALYTICAL REPORT

BTEX ANALYSIS BY GC

CLIENT: ATEC ASSOCIATES
CLIENT PROJECT: CFI PAINSVILLE
REPORT DATE : DEC. 18 1995
PROJECT RECEIPT DATE: 12/14/95

LAB ID: 95-12-0228-006
ANALYST: MV *LM*
ANALYSIS DATE: 12/14/95
MATRIX: SOIL

CLIENT SAMPLE DESIGNATION: B-4(15-17)

| <u>COMPOUND</u> | <u>RESULTS (UG/KG)</u> | <u>MDL (UG/KG)</u> |
|-----------------|------------------------|--------------------|
| MTBE | N/A | N/A |
| BENZENE | <2.00 | 2.00 |
| TOLUENE | <2.00 | 2.00 |
| ETHYLBENZENE | <2.00 | 2.00 |
| TOTAL XYLENES | <2.00 | 2.00 |

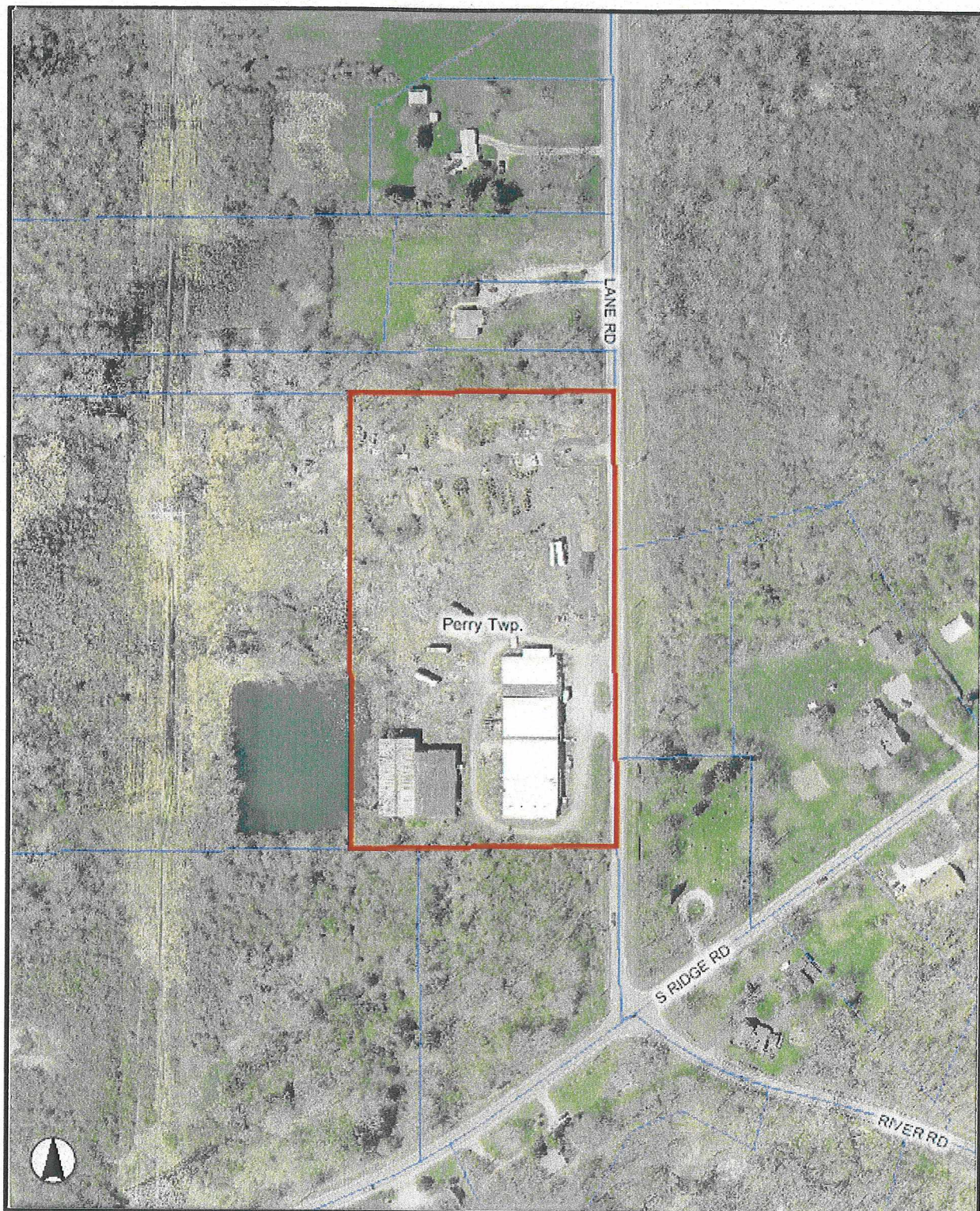
COMMENTS:

E = EXCEEDS CALIBRATION RANGE, ESTIMATED VALUE
MDL = METHOD DETECTION LIMIT (MDL).
< = LESS THAN
RESULTS ARE REPORTED ON DRY WEIGHT BASIS

BTXMS
W

APPENDIX E

FORMER WICKLIFFE TRUSS MANUFACTURING PROPERTY INFORMATION



Baker

Michael Baker Jr., Inc.

Vrooman Road Bridge Replacement
Former Wickliffe Truss Manufacturing
5188-5194 Lane Road

Site Plan
Not to Scale





1. West facing view of Former Wickliffe Truss Mfg property (5188-5194 Lane Road)



2. Northwest facing view of Former Wickliffe Truss Mfg property.



3. South facing view of Former Wickliffe Truss Mfg.



4. Miscellaneous debris piles located on northern portion of property.

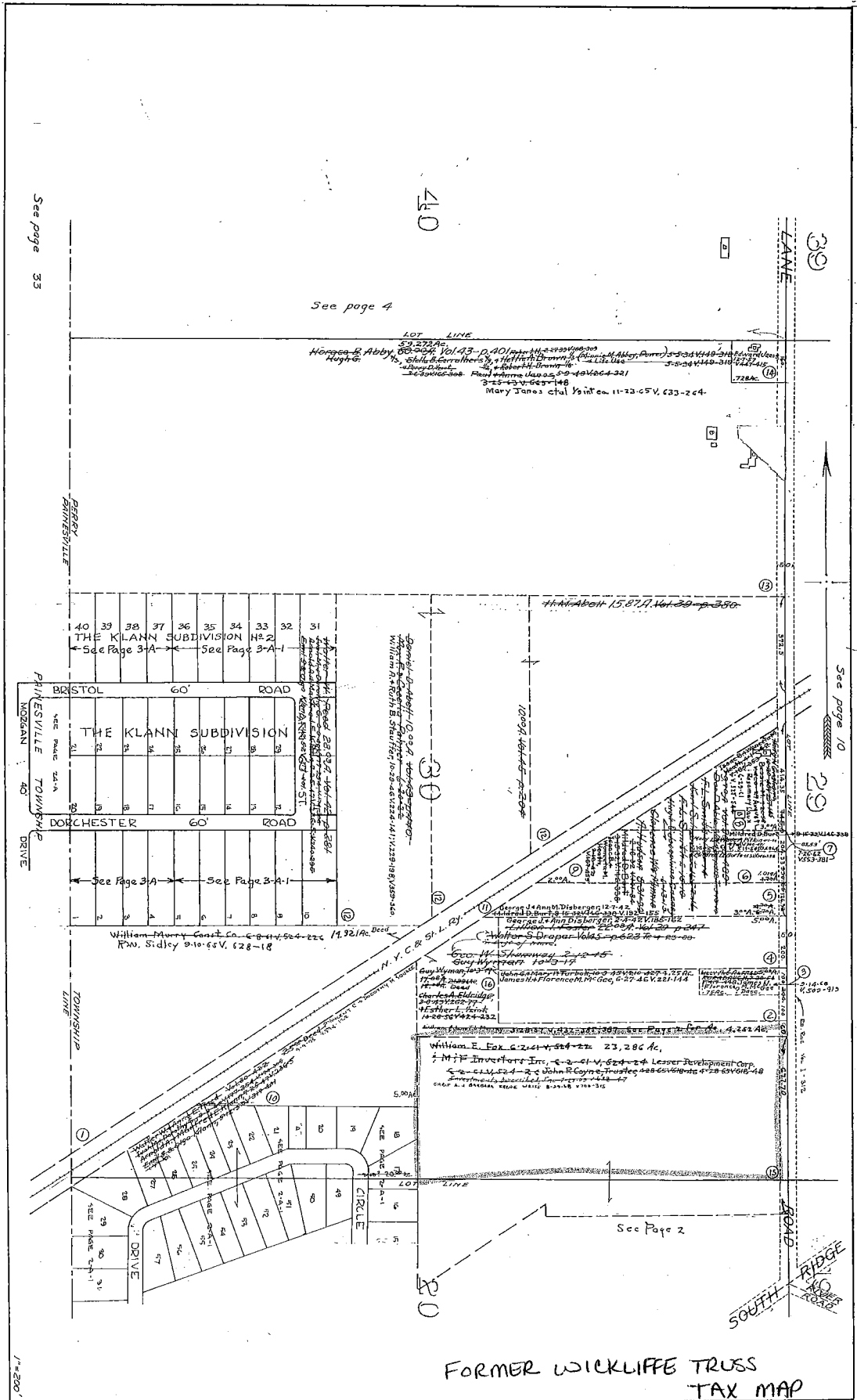
See page 33

See page 4

See page 10

See Page 2

FORMER WICKLIFFE TRUSS
TAX MAP



SITE LISTING UPDATE FORM

EXISTING INCIDENT #: 1320794 - - - - - UPDATE.001 REV 8/89

UPDATE.G01 REV 8/89

FACILITY NAME: Abandoned Ind. Warehouse NEW FACILITY INFO? YES ☒ NO ☐
(Update on back)

FORM 1041-1 (11-79) (1) REASON FOR LISTING UPDATE

- ___ [1] Written report/results received from owner/operator.
- ___ [2] Verbal report/results received from owner/operator.
- ___ [3] Written report received from BUSTR contractor.
- ___ [4] Information collected from BUSTR field examination/inspection.
- ___ [5] Change in site coordinator/contractor assignment.
- ___ [6] Change/delete existing incident number - explain change in remarks section [5].
- ___ [7] Create new incident number for additional suspected facility/location.
- ___ [8] Orders issued.
- ___ [9] Other: *File review*

(2) NEW SITE LISTING DATA [REDACTED]

INCIDENT #: _____
REPORT NUMBER _____ FAC TRKG# _____ SPRC _____

EMERGENCY RESPONSE: YES NO BY: FM () ODEPA USEPA

STATUS: RPT SUS X DIS CON ICA ICR ICC SAS SAC CAS CAP NFA

PRIORITY: 1* 2 3 4 5

CLASSIFICATION: A B C D LTF ELIGIBILITY: YES (1) NO (2)

SITE COORDINATOR: K. L. Lamm CONTRACTOR: _____ WORK ORDER: _____

1. * [3] SITE SUMMARY (UPDATE FOR ALL PRIORITY 1 SITES)

(First sentence - why is it a 1? Second sentence - who is doing what at this time)

performed site investigation. ^(First sentence - why is it a 1? Second sentence - who is doing what at this time) Did we find any underground storage tank? There were two above ground tanks which have been removed long ago. Contacted F/D and they also confirmed it.

[4] NEW EXCEPTION REPORT DATA *****

- [1] State plans to obligate over \$100,000 at a site.
 [2] State actually obligated over \$100,000 at a site (cumulative expenses exceeded \$100,000 this quarter).
 [3] State plans to use innovative or experimental technology at the site.
 [4] State plans to provide permanent alternative drinking water supply.
 [5] State plans to permanently relocate residents.

(5) SITE MANAGEMENT REMARKS

(BUSTR actions needed/taken, reports expected, etc.)

Reviewed the file and recommended for disapproval
- false.

76) FOLLOW-UP BUSTR ACTIONS/ASSIGNMENT

(For use by supervisor)

UPDATE SUBMITTED BY: K. Huxman DATE: 9/24/92 SEP 29 1992
APPROVED: Robert Huxman DATE: 9/24/92 ENTRY: 81 DATE: 1 1

SITE LISTING UPDATE FORM

UPDATE.001 REV 8/89

FACILITY NAME: Abandoned Ind. Warehouse NEW FACILITY INFO? YES X NO
(Update on back)

--- [1] REASON FOR LISTING UPDATE

- ___ [1] Written report/results received from owner/operator.
- ___ [2] Verbal report/results received from owner/operator.
- ___ [3] Written report received from BUSTR contractor.
- ___ [4] Information collected from BUSTR field examination/inspection.
- ___ [5] Change in site coordinator/contractor assignment.
- ___ [6] Change/delete existing incident number - explain change in remarks section [5].
- ___ [7] Create new incident number for additional suspected facility/location.
- ___ [8] Orders issued.
- ___ [9] Other: *File review*

----- [2] NEW SITE LISTING DATA -----

INCIDENT #: _____
REPORT NUMBER FAC TRKG# SPRC

EMERGENCY RESPONSE: YES NO BY: FM () OEPA USEPA

STATUS: RPT SUS X DIS CON ICA ICR ICC SAS SAC CAS CAP HFA

PRIORITY: 1 2 3 4 5

CLASSIFICATION: A B C D LTF ELIGIBILITY: YES (1) NO (2)

SITE COORDINATOR: Salman CONTRACTOR: _____ WORK ORDER: _____

--- * [3] SITE SUMMARY (UPDATE FOR ALL PRIORITY 1 SITES) -----

(First sentence - why is it a 1? Second sentence - who is doing what at this time)

performed site investigation. ^(First sentence - why is it a 1? Second sentence - who is doing what at this time) Did not find any underground storage tank. There were two above ground tanks which have been removed long ago. Contacted FID and they also confirmed it.

[4] NEW EXCEPTION REPORT DATA

- _____ [1] State plans to obligate over \$100,000 at a site.
 _____ [2] State actually obligated over \$100,000 at a site (cumulative expenses exceeded \$100,000 this quarter).
 _____ [3] State plans to use innovative or experimental technology at the site.
 _____ [4] State plans to provide permanent alternative drinking water supply.
 _____ [5] State plans to permanently relocate residents.
 _____ [6] State reached/received cost recovery settlement; amount: _____

51 SITE MANAGEMENT REMARKS

(BUSTR actions needed/taken, reports expected, etc.)

Reviewed the file and recommended for disapproval
- failure.

16) FOLLOW-UP BUREAU ACTIONS/ASSIGNMENT

(For use by supervisor)

UPDATE SUBMITTED BY: K. H. Wilson DATE: 9/24/92 SEP 29 1992
APPROVED: William H. Smith DATE: 9/24/92 ENTRY: ES DATE: _____

FIELD ACTIVITY REPORT

Site No. 4320794

Date: 8/18/92

Time: 2:30 ^{AM} _{PM}

Weather:

rain
cloudy

clear
snow

County: Lake

Temperature: 48°F

Site Name: Abandoned Industrial Warehouse

Location: 5194 Lane Road

Perry OH 44081

Personnel:

SUPER:

Majid Rahman

Other:

Chris Weiss II

Purpose of Visit:

Site Investigation

Findings/Actions:

- meet with Weiss at the site.
He is running a timber business.
One he had two above ground
petroleum storage tank in this
property and he has removed them
long ago. He never used any under-
ground storage tank in this property.
I checked the premises but did not
find any UST in this property.

Recommendations:

Contact EFD for additional
information.
Contact Mr. Cross of Perry EFD.
Disapproved.

Prepared by:

Rahman

Date:

8/18/92

TELEPHONE MEMORANDUM

REPORT #: 14131210171914111111111111

DATE: 8/19/92

TIME: 9:30

CALL TO [] FROM [X]
 NAME: Mr. Cozz TITLE: _____ PHONE (216)-259-2880
 AGENCY/COMPANY: Krie depl. RELATION TO SITE: Govt.
 ADDRESS: 4169 Main Street CITY: Perry ST: OH ZIP: 44081
 SUBJECT: Abandoned industrial warehouse

NOTES & SUMMARY

He told me that there was no underground storage tank in this property to the best of his knowledge. When I told him that I would disapprove this incident he agreed to my proposal.

Confidential

SUSPECTED RELEASE REPORT

REPORT # 14131210171914110011F141912

DATE: 4/3/92

[1] PERSON REPORTING THE RELEASE

TIME: 4:35

NAME: Chris Weiss III TITLE: Don PHONE: (916) 354-2155X

AGENCY/COMPANY:

RELATION TO SITE: Owner

ADDRESS: 1194 Lancaster Ct. CITY: Concord ST: CA ZIP: 94027

REMARKS:

[2] SUSPECTED RELEASE LOCATION

MULTIPLE SUSPECTED SOURCES? YES NO / UNDETERMINED COUNTY: Lake

FACILITY: Aband. Ind. Warehouse FACILITY ID#: 43

ADDRESS: 5194 Lane Rd.

CITY: Perry ST: OH ZIP: 44081 PHONE: (916) 352-8951

UST OWNER: Chris Weiss III PHONE: ()

UST OPERATOR: " PHONE: ()

REMARKS:

Chris Weiss III suspects water the tanker from stick testing which might indicated tank leak.

FIRE DEPT: CONTACT: PHONE: ()

[3] CONDITIONS LEADING TO REPORT OF SUSPECTED RELEASE (Check all that apply)

Inventory control results indicate a release may have occurred.

☒ Testing, monitoring or sampling results indicate a release may have occurred.

Unusual operating conditions observed (e.g., sudden drop in tank volume).

Impacts noticed in area surrounding tank (e.g., vapors, well contaminated, run-off).

Spill or overfill of petroleum in excess of 25 gallons.

Soil/Groundwater contamination discovered during non-closure related investigation.

Closure (or replacement) assessment results indicate that a release has occurred.

OTHER CONDITIONS:

*****COMPLETE REVERSE SIDE*****

[10] REPORT DISPOSITION (Indicate actions taken on reverse side)

TAKEN BY: Dan Stover EMERGENCY ACTION? YES NO BY: FM ORPA ()

COORD: Rahman REPORT/ACTION APPROVED: [Signature] DATE: 4/7/92

LOGGED BY: DATE: / / ENTERED BY: [Signature] DATE: APR 9 1992

CIRCLE STATUS: (RPT) SUS DIS CON ICA ICR PRIORITY: 1 2 3 (4) CLASS: A B C (D) LTF NON-LTF

ICC SAS SAC CAS CAP NFA

— [4] RELEASE INFORMATION —

DATE FIRST DETECTED: ____/____/____ TIME: ____:____ EST. QUANTITY: ____
 SUBSTANCE RELEASED/DETECTED: ☒ GASOLINE ____ DIESEL FUEL ____ KEROSENE ____ USED OIL
 ____ OTHER PETRO ____ HAZ SUBST ____ UNKNOWN EST. DURATION: ____
 MEDIA EFFECTED (Check all that apply): ____ SOIL ____ PAVEMENT ____ BASEMENT ____ SEWERS
 ____ GROUNDWATER ____ SURFACE WATER ____ OTHER: ____
 LTF ELIGIBLE? ____ YES ____ NO If no, why?: ____

— [5] UST INFORMATION —

FACILITY REGISTRATION CURRENT? ____ YES ____ NO ____ UNKNOWN (Attach USTR's for all facilities)
 NUMBER OF TANKS: ____ RELEASE DETECTION METHOD: ____

| AGE | CAPACITY | -CONST. - MATERIAL | SUBSTANCE STORED | STATUS | AGE | CAPACITY | -CONST. - MATERIAL | SUBSTANCE STORED | STATUS |
|-------|----------|-----------------------|---------------------|--------|-----|----------|-----------------------|---------------------|--------|
| 20yrs | 2000 | steel | gas | | | | | | |
| 20yrs | 2000 | steel | gas | | | | | | |

PROBABLE LOCATION OF RELEASE: TANK NO. ____ PIPE BETWEEN ____ AND ____

PROBABLE CAUSE: ____

OTHER POTENTIAL SOURCES AT THIS LOCATION: ____

— [6] SITE/HAZARD INFORMATION —

IMPORTANT SITE OR SURROUNDING AREA CHARACTERISTICS: ____

PROXIMITY TO DRINKING WATER SOURCES: ____

OTHER FIRE/WATER/HEALTH HAZARDS AT THE SITE: pond located behind bldg

— [7] INITIAL RESPONSE ACTIONS BY OWNER/OPERATOR —

(Check all that apply)

| | |
|---|--|
| <input type="checkbox"/> Release confirmation/Investigation | <input type="checkbox"/> Initial site investigation |
| <input type="checkbox"/> Initial corrective action procedures | <input type="checkbox"/> Site/Assessment/Exposure Assessment |
| <input type="checkbox"/> Free product removal | <input type="checkbox"/> Unknown/undetermined |
| <input type="checkbox"/> Long term corrective action plan | <input type="checkbox"/> None |

— [8] WERE ANY OTHER AGENCIES NOTIFIED PRIOR TO BUSTR? — (As Reported)

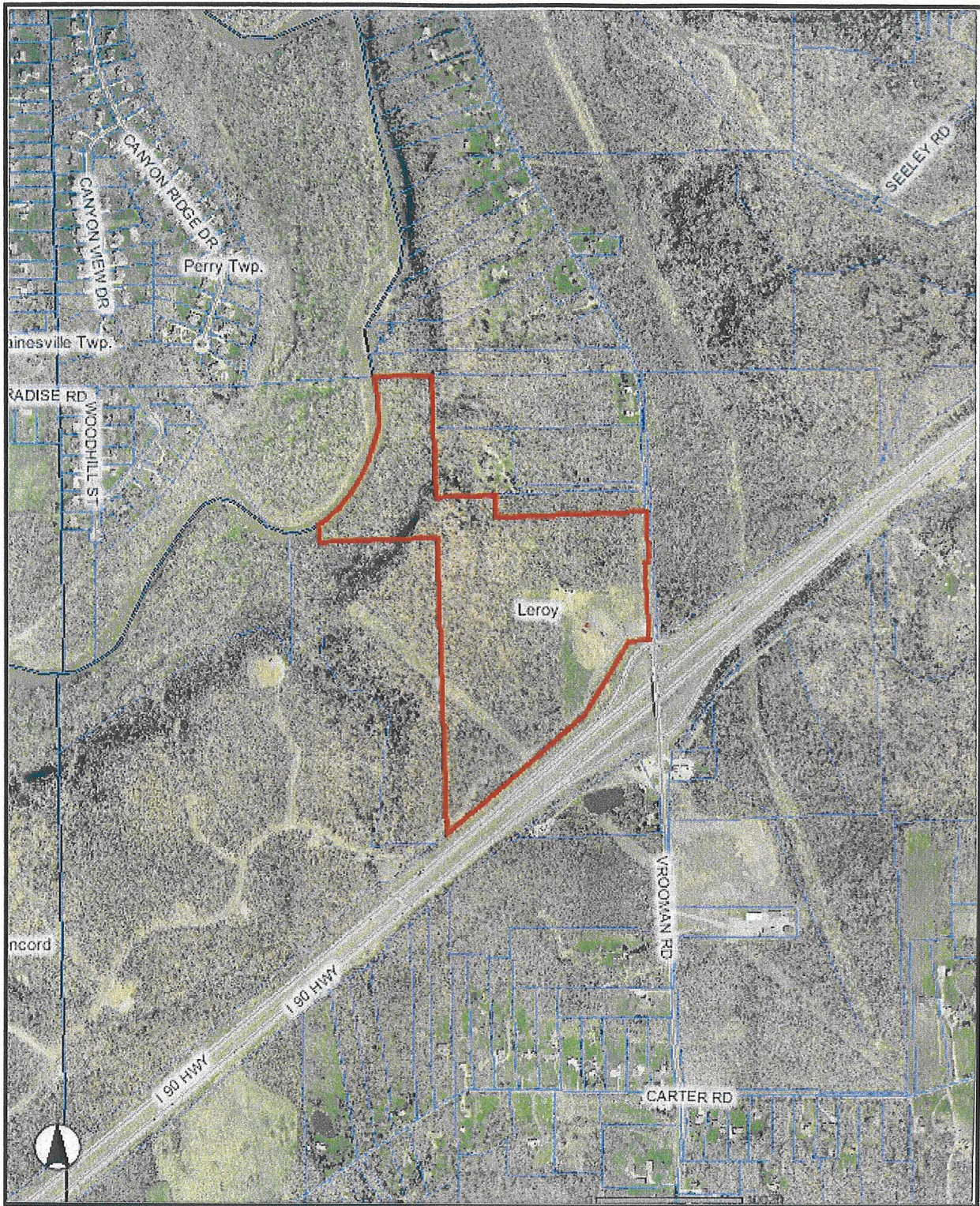
AGENCY: ____ NAME: ____ DATE: ____/____/____

— [9] BUSTR ACTIONS TAKEN —

CALLS TO: FD, LHD, LPW, ODH, OEPA/ER, OEPA/DPDW, OEPA/DGW, OTHER

APPENDIX F

FORMER SERVICE STATION PROPERTY INFORMATION



Baker

Michael Baker Jr., Inc.

Vrooman Road Bridge Replacement
Former Service Station
5848 Vrooman Road
Site Plan
Not to Scale





Photo 1: West facing view of the Former Service Station Property (5848 Vrooman Road).



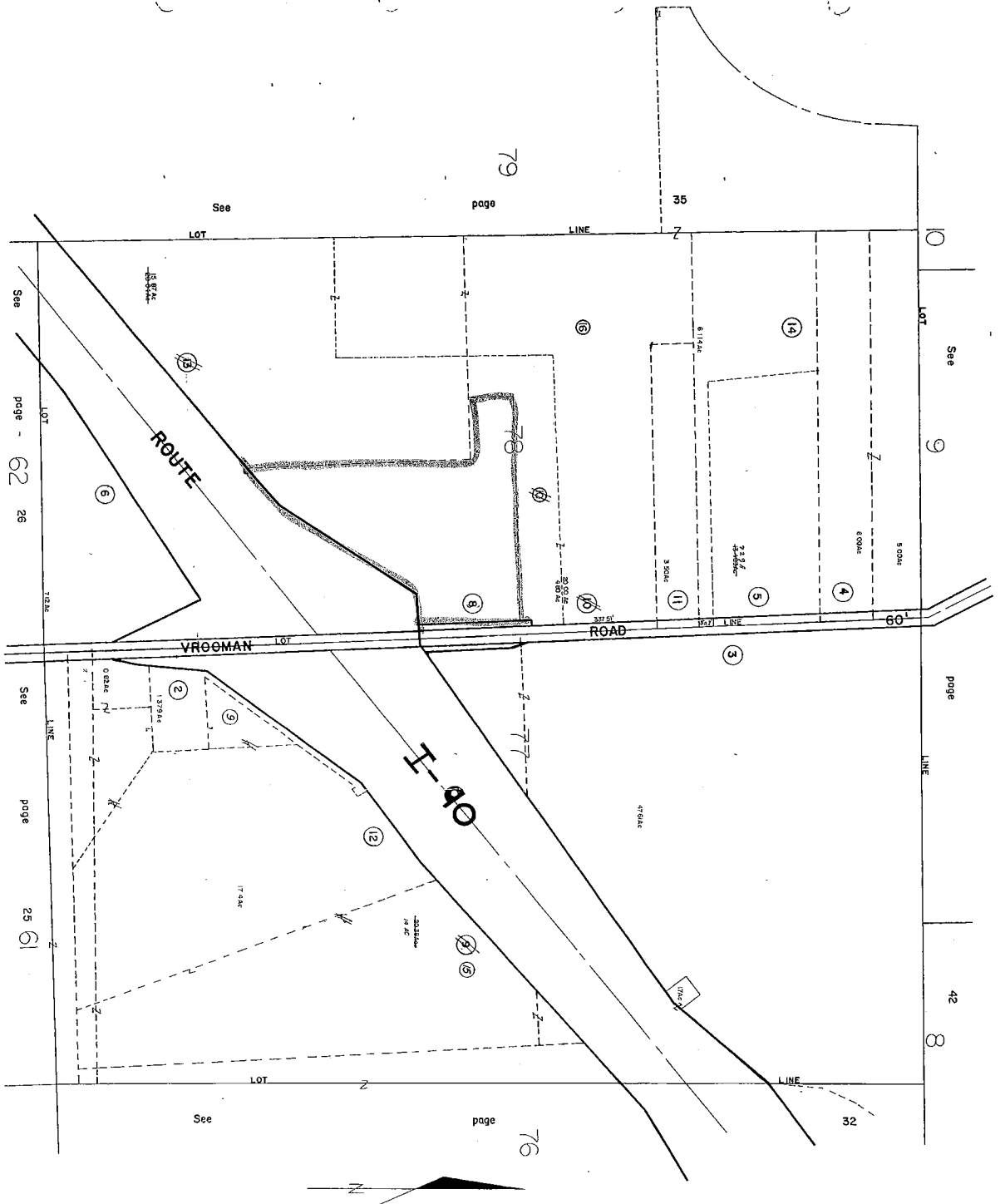
Photo 2: Northwest facing view across the site.



Photo 3: West facing view of building located on-site (Note aboveground storage tanks).



Photo 4: Disturbed area located adjacent to the Vrooman Road right-of-way.



| Parcel N° | O | W | N | E | R |
|-----------|---------------------------------|---|---|---|---|
| 1 | DELETED | | | | |
| 2 | THE STANDARD OIL COMPANY V 28 A | | | | |
| 3 | THE STANDARD OIL COMPANY V 28 A | | | | |
| 4 | THE STANDARD OIL COMPANY V 28 A | | | | |
| 5 | THE STANDARD OIL COMPANY V 28 A | | | | |
| 6 | THE STANDARD OIL COMPANY V 28 A | | | | |
| 7 | THE STANDARD OIL COMPANY V 28 A | | | | |
| 8 | THE STANDARD OIL COMPANY V 28 A | | | | |
| 9 | THE STANDARD OIL COMPANY V 28 A | | | | |
| 10 | THE STANDARD OIL COMPANY V 28 A | | | | |
| 11 | THE STANDARD OIL COMPANY V 28 A | | | | |
| 12 | THE STANDARD OIL COMPANY V 28 A | | | | |
| 13 | THE STANDARD OIL COMPANY V 28 A | | | | |
| 14 | THE STANDARD OIL COMPANY V 28 A | | | | |
| 15 | THE STANDARD OIL COMPANY V 28 A | | | | |
| 16 | THE STANDARD OIL COMPANY V 28 A | | | | |

Scale: 1" = 200'
12-20-76

FORMER SERVICE STATION
TAX MAP