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October 4, 2017

Mr. Patrick Donlon  
Executive Director  
Ohio Power Siting Board  
180 East Broad Street, 6th Floor  
Columbus, OH 43215

Ms. Barcy McNeal  
Administration/Docketing  
Ohio Power Siting Board  
180 East Broad Street, 11th Floor  
Columbus, Ohio 43215-3793

Re: NGO Transmission, Inc. Letter of Notification for Pipeline Replacement Project  
(Line 3-F), City of Heath, Licking County, Ohio, Case No. 17-1994-GA-BLN

Dear Mr. Donlon and Ms. McNeal:

Enclosed for filing in the above-referenced case is a copy of the Letter of Notification Application of NGO Transmission, Inc. ("NGOT") d/b/a The Energy Cooperative to replace a section of pipeline by installing approximately 5,400 feet of 10-inch diameter natural gas pipeline (Line 3-F) in City of Heath, Licking County Ohio. The project will be relocated along public roadway within in private easements, public right of way, and dedicated utility corridors. In addition, we have provided the Staff of the Ohio Power Siting Board with hard copies of the Application.

**Applicant:** NGO Transmission, Inc.  
1500 Granville Road  
P.O. Box 4970  
Newark, OH 43058-4970

**Project Location:** City of Heath, Licking County, Ohio

**Authorized Technical Representative:** Don Wheeler, Operations Manager  
P.O. Box 4970  
(740) 348-1211/ [dwheeler@theenergycoop.com](mailto:dwheeler@theenergycoop.com)

**Authorized Legal Representative:** Lija Kaleps-Clark, Esq.  
Director of Land & Legal Services  
P.O. Box 4970  
(740) 348-1212/ [lija@theenergycoop.com](mailto:lija@theenergycoop.com)

**Project Description:** NGOT is planning to replace approximately 5,700 feet of existing 8-inch and 10-inch diameter pipeline located primarily on property owned by the Heath-Newark-Licking County Port Authority with approximately 5,400 feet of new 10-inch

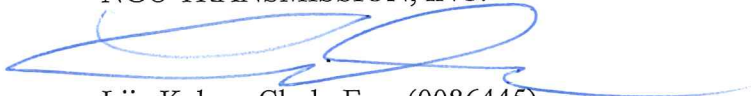
diameter natural gas pipeline. The new pipeline will be relocated primarily on Port Authority property along public roads within private easement, public road right of way, and dedicated utility corridor. The pipeline will be installed along the west side of James Parkway to the north side of Irving Wick Drive and then west to NGOT's existing regulator station. The pipeline will be installed by boring and trenching. The pipeline will be installed on property primarily used as an industrial park.

**Anticipated Project Schedule:** The construction of the pipeline will be completed in two phases. The first phase is anticipated to begin in early November 2017. The second phase is anticipated to begin in early 2018 (weather permitting). The Project is anticipated to be fully completed and placed into service in late spring 2018.

**Expedited Treatment:** NGOT is requesting expedited treatment for this application in accordance with OAC Rule 4906-6-04(A)(2), and is submitting payment of \$2,000 along with the filing of this application.

A notarized Statement by the authorized technical representative is attached.

Respectfully submitted on behalf of  
NGO TRANSMISSION, INC.



Lija Kaleps-Clark, Esq. (0086445)  
Director of Land and Legal Services

BEFORE THE OHIO POWER SITING BOARD

In the Matter of the Letter of Notification :  
of NGO Transmission, Inc. for Line 3-F :  
Pipeline Replacement Project, City of : Case No: 17-1994-GA-BLN  
Heath, Licking County, Ohio :  
:

AFFIDAVIT OF DONALD WHEELER, NGO TRANSMISSION, INC.

STATE OF OHIO :  
: ss  
COUNTY OF LICKING :

I, Donald Wheeler, being duly sworn and cautioned, state that I am more than 18 years of age and competent to testify to the matters stated in this affidavit and further state the following based upon my personal knowledge:

1. I am the Operations Manager for NGO Transmission, Inc. and am authorized to execute this Affidavit.

2. I have reviewed the NGO Transmission, Inc. Letter of Notification Application in the above referenced case.

3. To the best of my knowledge, information, and belief, the information and materials contained in the above-referenced Application are true and accurate.

4. To the best of my knowledge, information, and belief, the above-referenced Application is complete.

  
Donald Wheeler

Sworn to and subscribed before me this 4<sup>th</sup> day of October 2017.



Lija Kaleps-Clark, Attorney At Law  
NOTARY PUBLIC - STATE OF OHIO  
My commission has no expiration date  
Sec. 147.03 R.C.

  
Notary Public

# LETTER OF NOTIFICATION

For

Pipeline Replacement Project (Line 3-F)  
City of Heath, Licking County

Ohio Power Siting Board Case No. 17-1994-GA-BLN

Submitted By:

NGO TRANSMISSION, INC.

October 4, 2017



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## LIST OF ATTACHMENTS

<b>EXHIBIT A:</b>	Project Map
<b>EXHIBIT B:</b>	Form Letter to Property Owners and Tenants
<b>EXHIBIT C:</b>	Socioeconomic, Land Use, and Agricultural District Review Report
<b>EXHIBIT D:</b>	Section 106 Filing and Cultural Resources Literature Review
<b>EXHIBIT E:</b>	Threatened and Endangered Species Report
<b>EXHIBIT F:</b>	Surface Water Delineation Report

## **LETTER OF NOTIFICATION**

Case No. 17-1994-GA-BLN

NGO Transmission, Inc. (“NGOT”) submits this Letter of Notification, pursuant to Ohio Admin. Code 4906-6-03(B) and 4906-6-05, concerning a proposed pipeline replacement known as the James Parkway Replacement Project (Line 3-F) (the “Project”). NGOT is requesting expedited treatment of this Letter of Notification pursuant to Ohio Admin. Code 4906-6-04. As required by Ohio Admin. Code 4906-6-05, NGOT provides the following information:

**(1) The name of the project and applicant’s reference number, names and reference number(s) of resulting circuits and a brief description of the project, and why the project meets the requirements for a letter of notification.**

The Project is identified as the James Parkway Replacement Project (Line 3-F). The Project involves the replacement and relocation of an approximately 5,700 foot section of 8-inch and 10-inch bare steel pipeline with approximately 5,400 feet of 10-inch coated steel main. The existing bare steel pipeline will be relocated utilizing a single 10-inch, 0.365 wall thickness (“W”), grade X 52 pipeline that will be coated and catholically protected with anodes. The design criteria will be for a Class 3 location. The pipeline will be designed for a Maximum Allowable Operating Pressure (“MAOP”) of 275 pounds per square inch (psig) and will be hydrostatically tested in place to a minimum of 413 psig. The current 10-inch section of pipe that will be replaced and relocated was installed in 1965 (52 years ago) and has a MAOP of 250 psig. The existing location of the pipeline inhibits potential development of property owned by the Heath-Newark-Licking County Port Authority (“Port Authority”) and the corresponding industrial park. NGOT proposes to relocate the pipeline along the western edge James Parkway to allow for full development of the industrial park.

NGOT's pipeline installation will begin at a point south of the intersection of Kaiser Drive and James Parkway and head north along the west side of James Parkway approximately 3,300 feet to the location of a new regulator station on the west side of James Parkway and on property owned by the Port Authority. NGOT will then install pipeline another approximately 1,100 feet headed north from the new regulator station along the west side of James Parkway, under Ramp Creek, and to the north side of Irving Wick Drive. The pipeline will then be installed along the north side of Irving Wick Drive headed west approximately 1,000 feet in public and private right of way to NGOT's existing regulator station (West Check city gate) approximately 250 feet south of Heath Road. The pipeline will be installed through trenching and boring. The location of the Project is shown on Exhibit A. The pipeline will be located in private easement, public utility corridor, and public road right of way. No permanent access roads are proposed for the Project and NGOT does not anticipate any road closures will be required.

This Project qualifies as a Letter Notification because it fits the criteria of OAC Rule 4906-1-01, Appendix B (1)(b) which provides for the installation of a pipeline segment greater than one (1) mile in length and not less than five (5) miles in length. In this instance, the installation project is just over one (1) mile in length.

**(2) If the proposed letter notification project is an electric power transmission line or gas pipeline, a statement explaining the need of the proposed facility.**

Due to the age and condition of this section of pipeline, NGOT has identified this pipeline for replacement. The replacement will improve the safety and reliability of NGOT's gas system. In addition, the pipeline's current location inhibits development of the Port Authority's

property and relocation will allow for further development of the property. The pipeline provides gas supply to National Gas & Oil Cooperative's approximately 20,000 members in the Newark/Heath area. Due to the importance of Line 3-F, abandoning this line is not feasible and it must be replaced and relocated.

**(3) The location of the project in relation to existing or proposed lines and substation shown in an area system map of sufficient scale and size to show existing proposed transmission facilities in the project area.**

A map showing the location and proposed work of the Project is attached as Exhibit A.

**(4) The alternatives considered and reasons why the proposed location or route is best suited for the proposed facility. The discussion shall include, but not be limited to, impacts associated with socioeconomic, ecological, construction, or engineering aspects of the project.**

The pipeline is currently located primarily on property owned by the Port Authority. In addition, the relocation will allow the Port Authority to promote development of its properties. As a result, NGOT proposes to relocate the pipeline primarily on the Port Authority's property and adjacent to (or within) road right of way. Other routes that were considered, such as placement along the east side of James Parkway, would have placed the pipeline primarily on property not owned by the Port Authority. This route would have required multiple new easements and increased impact on property owners. Replacing the pipeline primarily on the Port Authority's property and along the road is the most economical and least disruptive way to replace this pipeline while also maintaining safe and reliable gas supply.

**(5) Describe the public information program to inform affected property owners and tenants of the nature of the project and the proposed timeframe for project construction and restoration activities.**

NGOT has met with the Southgate Corporation and the Port Authority several times to discuss the Project. NGOT has notified other affected property owners of the upcoming Project by letter and phone calls, and has offered to schedule in person meetings or phone calls to answer any additional questions. The letter form to be sent to affected property owners and tenants of the upcoming Project within seven days of filing the letter of notification (in accordance with Ohio Admin. Code 4906-6-08) is attached hereto as Exhibit B. NGOT is in the process of obtaining the permit for the road crossing and locations within public utility easements from the City of Heath. Information will be updated and delivered to stakeholders in a timely fashion as the Project progresses.

**(6) The anticipated construction schedule and proposed in-service date of the Project.**

Construction of the Project is planned to occur in two phases. The first phase will begin at a point south of the intersection of Kaiser Drive and James Parkway and head north along the west side of James Parkway approximately 3,300 feet. The first phase will end at the location of a new regulator station on the west side of James Parkway and on property owned by the Port Authority. NGOT intends to begin construction for the first phase in early November and anticipates construction will be completed by the end of 2017. The second phase of construction will begin in early 2018 (weather permitting). The second phase of construction is anticipated to be completed in late spring 2018 and the entire new section of pipeline will be placed in-service in late spring 2018. During the second phase, NGOT will install the new regulator station on the west side of James Parkway and will then install pipeline another approximately 1,100 feet north



of the new regulator station, under Ramp Creek and to the north side of Irving Wick Drive. The pipeline will then be installed along the north side of Irving Wick Drive headed west approximately 1,000 feet in public and private right of way to NGOT's existing regulator station. The pipeline will be installed through trenching and boring. The location of the Project is shown on Exhibit A.

**(7) An area map of not less than 1:24,000 scale clearly depicting the facility's centerline, with clearly marked streets, roads, and highways, and an aerial image.**

Please see the map attached as Exhibit A.

**(8) A list of properties for which the applicant has obtained easements, options, and/or land use agreements necessary to construct and operate the facility and a list of additional properties for which such agreements have not been obtained.**

NGOT has obtained, or is in the process of obtaining, easements, options, and/or land use agreements for the following property owners:

- Heath-Newark-Licking County Port Authority (NGOT is in process of obtaining easements)
- Southgate Corporation (NGOT has obtained an easement)
- Timothy and Dawn Chester (NGOT has an existing easement)

The remaining portions of the pipeline will be placed in the road right of way of Irving Wick Drive and James Parkway and within public utility corridor along James Parkway. NGOT is in the process of obtaining the required permits from City of Heath.

**(9) Technical features of the project.**

**a. Operating characteristics, estimated number and types of structures required, and right-of-way and/or land requirements.**

The proposed pipeline segments will have a flow rate of 7,500 Mcf per hour at a temperature of 45° Fahrenheit. The MAOP of the new 10-inch pipe will be 275 psig with the normal operating pressure being around 140 psig. The pipeline will be a coated steel 10-inch nominal diameter, 0.365 W, X52 steel pipe. Cathodic protection for this transmission line will be provided by an impressed DC current rectifier system. The pipeline will be electrically insulated from any existing systems by installing insulated flanges. The adequacy of the protection will be monitored and tested through corrosion test stations. A new valve setting and regulator station will be installed to provide gas supply to nearby properties and distribution systems, in the location indicated on Exhibit A. The pipeline will be installed on private easement, City of Heath road right of way, and dedicated utility corridor.

**b. For electric power transmission lines that are within 100 feet of an occupied residence or institution, the production of electric and magnetic fields during the operations of the proposed electric power transmission line. The discussion shall include:**

- i. Calculated electric and magnetic field strength levels at one meter above ground under the lowest conductors and at the edge of the right-of-way for: (a) Normal maximum loading, (b) Emergency line loading, (c) Winter normal conductor rating.**
- ii. A discussion of the applicant's consideration of design alternatives with respect to electric and magnetic fields and their strength levels, including alternate conductor configuration and phasing, tower height, corridor location, and right of way width.**

Not applicable to this Project.

**c. The estimated cost of the project.**

The estimated capital cost of the Project is approximately \$895,000.

**(10) Social and Ecological Impacts of the Project.**

- a. A brief, general description of the land use within the vicinity of the proposed project, including a list of municipalities, townships, and counties affected.**

A review of the socioeconomic, land use, and agricultural districts was performed by Jobes Henderson & Associates (“JHA,” a wholly-owned subsidiary of Hull & Associates, Inc.) and a full report is attached as Exhibit C. This gas line replacement will be constructed through newly established easements along the western side of James Parkway, along the northern side of Irving Wick Drive and terminates at NGO Transmission, Inc.’s property on the north side of Irving Wick Drive. One (1) regulation station is proposed to be located approximately 1,000 feet south of Irving Wick Drive on the western side of James Parkway (Project Corridor/Proposed Gas Line; Figure 1 attached to Exhibit C). Based on information obtained by the Licking County Auditor, the Project Corridor exists within utility easements on properties owned by the Port Authority, the Southgate Corporation, Timothy L. and Dawn P. Chester, and NGO Transmission, Inc.

The general land use within the Project Corridor exists as either commercial land, manicured lawns or agricultural land. The Project Corridor extends through six parcels on the western side of James Parkway, crosses Ramp Creek and Irving Wick Drive, then extends to the west along the northern side of Irving Wick Drive and terminates within NGO Transmission, Inc.’s property. The area within the Port Authority’s property (Parcel # 030-089154-00.002), being approximately 200 feet of the Project, contains known soil contamination and proper health and safety measures will be implemented by NGOT’s contractor during excavation and construction activities within this area. Because of the lack of established Agricultural District

Land, low population density, and existing land use in the area, this project is not expected to cause negative impacts to the land uses of this area.

The Project Corridor is located within the City of Heath, Licking County, Ohio. Land use associated with this project includes industrial and agricultural. The entire Project Corridor exists within the Heath-Newark-Licking County Port Authority Industrial Park. Historically, the Industrial Park has been known as the Newark Air Force Base and has been used for military, industrial, and agricultural purposes. The Federal Emergency Management Agency's (FEMA) 100-year floodplain exists within the Project Corridor along Ramp Creek and extends approximately 80 to 230 feet along the southern side of Irving Wick Drive. An entrance ramp to a pedestrian path is located along the southern side of Irving Wick Drive, west of James Parkway and north of Ramp Creek. Also, a pedestrian path trends north to south along the western side of James Parkway, from the bridge over Ramp Creek towards the south approximately 800-feet where it terminates at an access drive. The location of the FEMA 100-year floodplain is presented in Figure 2 of the attached Exhibit C.

The Port Authority provided JHA with previous environmental studies that were performed within the Project Corridor because of the historic land use along the northern portion of the Project Corridor, including the former Newark Air Force Base property. Geotechnical Consultants, Inc.'s November 5, 2009, *Report of Phase I Environmental Site Assessment - Former Facility Area 87 (Parcel 1B) Former Newark Air Force Base Heath, Licking County, Ohio* is attached as Appendix A to Exhibit C. This report included information on a 0.758 acre-parcel (Parcel # 030-089154-00.002) located within the Project Corridor which contained four buildings which were used as a hazardous waste and road salt storage areas from approximately

1978 to 1990. In 1991, a Resource Conservation Revitalization Act (RCRA) Closure of the facility took place and indicated soil contamination of several chemicals of concern, including volatile organic compounds (VOCs), semi-volatile VOCs 1,1,1-trichloroethane and tetrachloroethene. The groundwater on the property consisted of elevated levels of chlorinated VOC's and groundwater monitoring wells were installed. Prior to the purchase of this parcel by the Port Authority in 2011, the groundwater and surface soil contamination were remediated by various methods, but contamination is still present and health and safety precautions will be taken by the contractor when excavating in this area. The United States Air Force determined a Finding of Suitability to Transfer, and remedial actions are Operating Properly and Successfully (GCI, 2008). Additional information regarding the Former Facility Area 87 is presented in Appendix A of the attached Exhibit C.

JHA reviewed the United States Census Bureau's 2010 Census data for the Tracts, Block Groups and Blocks within Project Corridor. According to the Census data, the population density within the Blocks that encompass the Project Corridor is low because of the industrial and agricultural nature of the surrounding land use. No homes were identified along the Project Corridor and the population density is estimated at 0 persons living within the corridor, therefore, no homes are expected to be impacted by this project. The United States Census Bureau 2010 Census Block Data is presented in Figure 1 to Exhibit C.

**b. The acreage and general description of all agricultural land, and separately all agricultural district land, existing at least sixty days prior to submission of the application within the potential disturbance area of the project.**

According to data from the Licking County Auditor's Office, no designated Agricultural District lands are located within the project area. Construction of the Project will occur within



the existing NGOT easement and public easement and will not have any long-term impacts on crop production or agricultural use. All land affected during construction will be restored to pre-construction conditions, to the greatest extent practicable. Crop yield and pricing information will be obtained from landowners as a means of establishing compensation for any crop damage incurred as a result of construction activities. The Licking County Auditor's Office was contacted by JHA on March 23, 2017 to evaluate the status of the parcels located within the Project Corridor. Based on email correspondence with Ms. Kayla Jones, the Licking County Auditor's Office's Director of Agricultural District Programs, no Agricultural Districts exist within the Project Corridor. Agricultural lands exist within the Project Corridor at the southern portion of the alignment on the western side of James Parkway. The agricultural fields are used to produce row crops and this project is only expected to impact the area immediately adjacent to the western side of James Parkway and not extend into the interior of the agricultural fields. It is not anticipated that this project will cause permanent impacts to agricultural lands. Email correspondence with the Licking County Auditor's Office is presented in Appendix B attached to Exhibit C.

- c. A description of the applicant's investigation concerning the presence or absence of significant archaeological or cultural resources that may be located within the area likely to be disturbed by the project, a statement of the findings of the investigation, and a copy of any document produced as a result of the investigation.**

Lawhon & Associates, Inc. (L&A) prepared a Section 106 submission to the Ohio State Historic Preservation Office (SHPO) on behalf of NGO Transmission, Inc. L&A's submission is attached as Exhibit D. L&A found that the Project Area has been heavily developed and previously disturbed. In addition, previous cultural resources management surveys have been

conducted across the majority of the proposed gas line relocation study area, with the exception of the area north of Ramp Creek. No previously identified cultural resources were recovered within or immediately adjacent the footprint of the current Project. SHPO concurred with the finding of “No Adverse Effect” with conditions from the previous surveys. The conditions involved additional work in an attempt to identify the Great Hopewell Road within a former survey area. No remnants of the postulated prehistoric thoroughfare were identified and all parties concluded that the stipulations in the signed MOA were complete.

L&A completed a cultural resource management literature review in March of 2017, also attached hereto as Exhibit D. There were no previously recorded historic resources or archaeological sites within the Project. However, within the vicinity of the Project location, there were a number of previous surveys conducted and sites identified, as detailed in Exhibit D. The historic atlases and 15 minute topographic map did not indicate the presence of former buildings or structures either within or immediately adjacent the project, except for the abandoned and likely completely disturbed Granville Feeder to the Ohio & Erie Canal. Archaeological research papers and projects indicate the possible presence of the route of the Great Hopewell Road to the east of the proposed project on the opposite side of James Parkway. L&A concluded in the Section 106 review project summary form submission there are no historic properties present in the area of potential effects and no historic properties will be affected by the Project, but considered it likely that some form of further archaeological investigation may be needed for the currently un-surveyed northern portion of the corridor or in regards to the Granville Feeder Canal.

On July 31, 2017, the completed Ohio State Historic Preservation Office (SHPO) Section 106 review project summary form was transmitted to the SHPO for review and concurrence that no additional archaeological investigations would be required for the Project as proposed. A Project response letter, dated August 21, 2017, was received from the SHPO and is included as p. 52 of Exhibit D. SHPO recommended archaeological monitoring be conducted on the portion of the project that is located north of Ramp Creek, but otherwise did not require additional monitoring or surveying of the Project. Any findings that occur during the additional archaeological monitoring will be provided to the SHPO and OPSB once received.

- d. A list of the local, state, and federal government agencies known to have requirements that must be met in connection with the construction of the project and a list of documents that have been or are being filed with those agencies in connection with siting and construction the project.**

NGOT will obtain a right of way permit from the City of Heath for locations within the Irving Wick Road and James Parkway road right of ways and within the dedicated utility corridor along the west side of James Parkway. If determined to be necessary, NGOT will also obtain an Ohio Environmental Protection Agency construction stormwater permit should greater than one acre of land be disturbed as a result of construction activities. NGO has also coordinated with the U.S. Fish and Wildlife Service, the Ohio Department of Natural Resources, and the Ohio Historical Preservation Office, as detailed in this submission. A copy of this Letter of Notification has been sent to the following public officials concurrently with submittal to OPSB.

**Licking County:**

County Commissioners:	Duane Flowers Rick Black
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	Timothy E. Bubb The Donald E. Hill County Administrative Building 20 South 2 <sup>nd</sup> Street, Newark OH 43055
County Planning and Development:	Gerald A. Newton, Development Executive Director Licking Co. Planning & Development 20 South 2 <sup>nd</sup> Street, Newark OH 43055
County Engineer:	Jared Knerr, PE, PS Licking Co Engineer's Office 20 South 2 <sup>nd</sup> Street, Newark OH 43055
Soil & Water Conservation:	Denise Natoli Brooks District Program Administrator Licking Co. Soil & Water Conservation District 771 East Main Street, Ste 100, Newark OH 43055

**City of Heath, Licking Co.:**

City of Heath	Mark D. Johns, Mayor of Heath Eddie Hunt, Director of Building & Zoning 1287 Hebron Road Heath, Ohio 43056
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- e. A description of the applicant's investigation concerning the presence or absence of federal and state designated species (including endangered species, threatened species, rare species, species proposed for listing, species under review for listing, and species of special interest) that may be located within the area likely to be disturbed by the project, a statement of findings of the investigation, and a copy of any document produced as a result of the investigation.**

NGOT, through its contractor JHA, inquired with U.S. Fish and Wildlife Service and Ohio Department of Natural Resources requesting information pertaining to the presence or absence of federal or state designated species. JHA's report is attached as Exhibit E. JHA coordinated with the United States Fish and Wildlife Service (USFWS) Ecological Services Office to identify potential impacts to federally-listed threatened or endangered species and their critical habitats. The USFWS response is attached to Exhibit E. According to the USFWS, no federal wilderness areas, wildlife refuges or designated critical habitats are located in the vicinity

of the Project Corridor. The federally-endangered Indiana bat (*Myotis sodalis*) and the federally-threatened northern long-eared bat (*Myotis septentrionalis*) are assumed to be present throughout the entire State of Ohio wherever suitable habitat occurs unless a presence/absence survey has been completed to document absence. Summer habitat requirements for these two federally-listed bat species to roost, forage and travel includes forested areas, emergent wetlands, edges of agricultural fields near forested areas, old fields and pastures. The USFWS indicated that when trees greater than two inches in diameter at breast height (DBH) and exhibit exfoliating bark, crevasses, hollows and/or cavities are to be cut, trees are to be preserved whenever possible. If trees greater than two inches DBH need to be cleared for the completion of the project, they are to be cut between October 1 and March 31. This Project is not expected to cause any adverse impacts to the Indiana bat or northern long-eared bat. This Project does not include the cutting of trees greater than two inches DBH or impacts to streams, emergent wetlands, or edges of agricultural fields. Instead, the proposed Project will utilize directional boring and erosion/sediment control measures to avoid impacts to high-quality aquatic habitat within the emergent wetlands and Ramp Creek. According to the USFWS, other federally-listed species likely will not be adversely impacted by the proposed project.

JHA coordinated with the Ohio Department of Natural Resources (ODNR), Division of Wildlife (DOW) Environmental Review Program to determine the potential impacts to Ohio's state-listed threatened and endangered species and their critical habitats. The ODNR response is attached to Exhibit E. Specific items requested by JHA include records of state listed threatened or endangered species within a one-mile radius of the Project Corridor, all known Indiana bat hibernacula locations within a five-mile radius, and Indiana bat capture locations within 10 miles



of the Project Corridor. The ODNR review of the Natural Heritage Database indicated no records of state-endangered or threatened plants or animals within the Project area. There were also no records of state potentially threatened plants, special interest or species of concern animals, or federally listed species. The ODNR review indicated no records of unique ecological sites, geologic features, animal assemblages, scenic rivers, state wildlife areas, state nature preserves, state or national parks, state or national forest, national wildlife refuges, or other protected natural areas within a one-mile radius of the Project Corridor. The DOW indicated that the area of the Project Corridor could potentially provide habitat for several state listed threatened or endangered species that have been recorded in Licking County during the past 25 years. Indiana bat, fawnsfoot mussel (*Truncilla donaciformis*), lake chubsucker (*Erimyzon sucetta*), eastern massasauga (*Sistrurus catenatus*), and black bear (*Ursus americanus*) all have ranges that include Licking County, but the Project will not likely impact any of these species. Recently, the State of Ohio added the northern long-eared bat to the list of threatened species, but again, this Project is not likely to impact that species. The Project does not involve cutting of large trees and will utilize directional boring and sediment control measures to avoid impacts to streams and wetlands that could support mussels and fish. In addition, the site is not expected to provide habitat for the eastern massasauga and black bears are mobile enough to avoid the project.

Although the Project Corridor lies within the ranges of some federally- and state-listed species, none were observed by JHA within the Project Corridor during the on-site surface water delineation. Habitat observations made during field investigations included streams and wetlands, but did not reveal any bald eagle nests or caves that could be used as winter

hibernacula for bats. Although minimal, forested areas, which can potentially provide summer roost habitat for the Indiana bat and the northern long-eared bat, were observed within the surveyed Project Corridor. Large trees (greater than two inches DBH) will not be cleared for this project, so the potential bat habitat will not be impacted. Directional boring activities will be used to avoid impacts to wetlands and streams that provide habitat for fish and mussels. Other listed species are either unlikely to occur on the site or are mobile enough to avoid the project activities. The proposed activities and best management practices are not expected to impact any of the state or federally listed species or their critical habitat.

- f. A description of the applicant's investigation concerning the presence or absence of areas of ecological concern (including national and state parks, floodplains, wetlands, designated or proposed wildlife areas, national and state wild and scenic rivers, wildlife areas, wildlife refuges, wildlife management areas, and wildlife sanctuaries) that may be located within the area likely to be disturbed by the project, a statement of findings of the investigation, and a copy of any document produced as a result of the investigation.**

NGOT's contractor, JHA, performed a delineation of wetlands and other surface waters along the approximately 200-foot wide, approximately 1-mile long project corridor in the location of a proposed natural gas line replacement located along the western side of James Parkway extending north, crossing Ramp Creek and Irving Wick Drive and extending along the northern side of Irving Wick Drive and terminating at the NGO Transmission's Property, in Heath, Licking County, Ohio. JHA's full wetlands delineation report is attached hereto as Exhibit F. The Study Corridor consists of approximately 10 acres of row crop agricultural fields, 17 acres of manicured lawn, and two (2) acres of riparian forested habitat. JHA identified two (2) wetlands within the Study Corridor (Wetlands JA and JB). Wetland JA is a 0.02-acre

potentially jurisdictional, Ohio Category 1 palustrine emergent wetland located in the southern portion of the Study Corridor. Wetland JB is a 0.16-acre potentially jurisdictional, Ohio Category 1 palustrine forested wetland. Please see Section 5.1 and Table 1 (Wetland Summary Table) in Exhibit F for further information on the wetlands located within the Study Corridor. JHA identified one stream within the Study Corridor: Ramp Creek. Ramp Creek is a perennial stream that is a tributary of the South Fork of the Licking River and runs parallel to the south of Irving Wick Drive. Additionally, four (4) potentially jurisdictional ditches were identified within the Study Corridor. Please see Section 5.2 and Table 2 (Stream Summary Table) for further information on the stream and ditches located within the Study Corridor in Exhibit F. Photographs of the surface water resources are located in Appendix A; Appendix B contains the wetland/upland determination data forms; and Appendix C contains the ORAM wetland evaluation field form in Exhibit F.

NGOT intends to bore a sufficient depth below Ramp Creek, Wetlands JA and JB and Ditch J-4 to avoid impacting the potentially jurisdictional waters. NGOT's proposed excavations on the remainder of the Project will not impact other potentially jurisdictional waters. As a result, construction of the proposed pipeline will not result in impacts to a wetland, stream, or other jurisdictional features. NGOT confirmed with the USFWS (please see correspondence in Exhibit E) that there are no federal wilderness areas, wildlife refuges, or designated critical habitat within the vicinity of the Project.

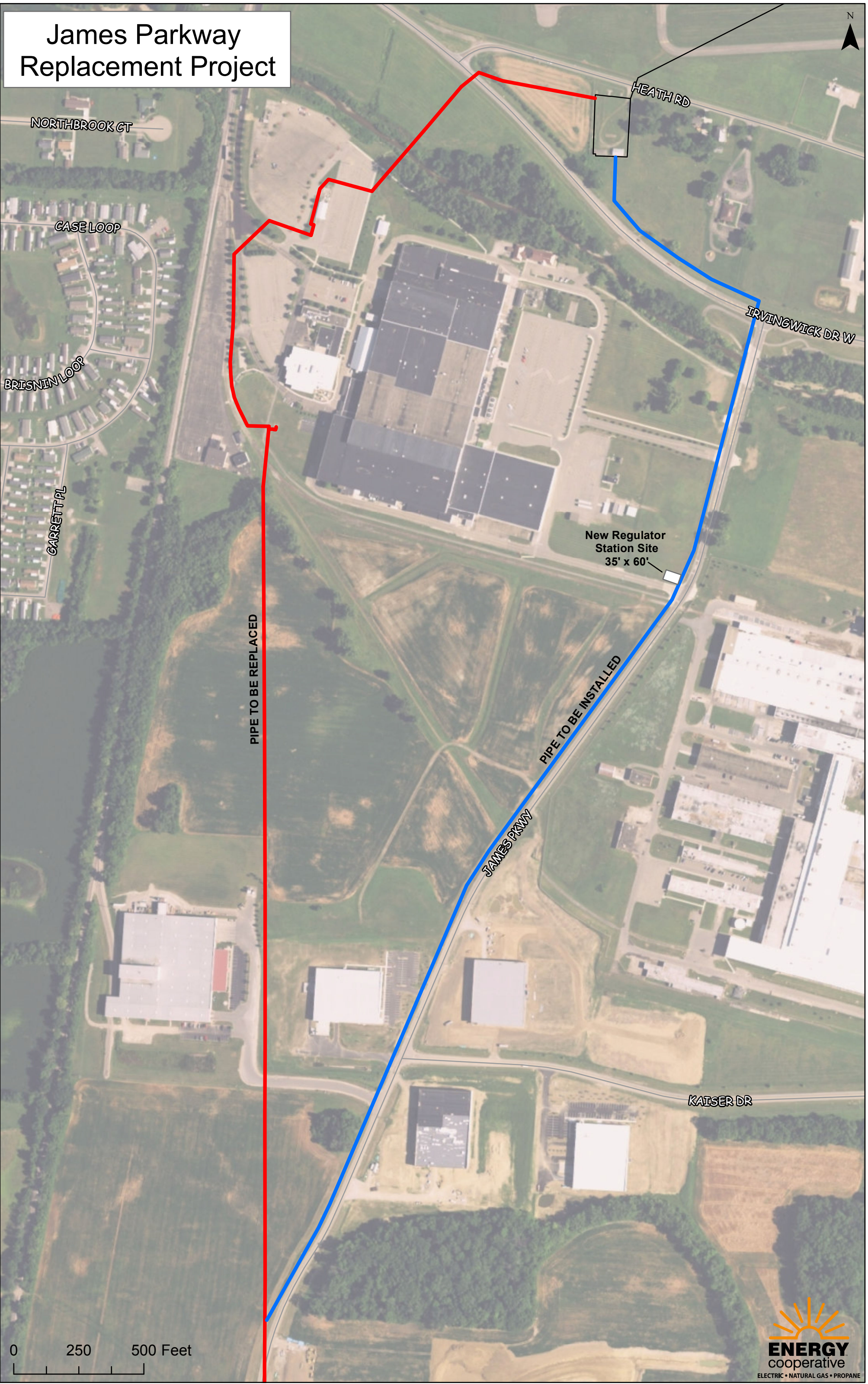
**g. Any known additional information that will describe any unusual conditions resulting in significant environmental, social, health, or safety impacts.**

To the best of NGOT's knowledge, there are no readily known conditions in the area that could result in significant environmental impacts. The Project proposes to replace an existing pipeline within a new location along or within road right of way in an industrial park. Ground disturbance has occurred throughout the project corridor due to previous construction activities. Other than potential health and safety issues related to construction activities, no additional health, social, or safety impacts are anticipated as a result of this Project.

# EXHIBIT A



# James Parkway Replacement Project



0 250 500 Feet



# EXHIBIT B

October xx, 2017

[Names, Address]

Re: Important information on NGO Transmission, Inc.'s natural gas pipeline project in your area: James Parkway Replacement Project in City of Heath, Licking County, Ohio

Dear Property Owner or Tenant,

NGO Transmission, Inc. (d/b/a The Energy Cooperative) proposes to improve the transmission system in the Heath area by upgrading and relocating an existing transmission line located in the Heath-Newark-Licking County Port Authority Industrial Park in the City of Heath. The purpose of the NGO Transmission Line 3-F Replacement Project (Project) is to replace aging, bare steel pipe over a distance of approximately 1 mile. The replaced pipeline will be located primarily along James Parkway and Irving Wick Drive. The Project location and general layout are shown on the accompanying map.

NGOT intends to install the project in two parts. The first part will begin south of the intersection of James Parkway and Kaiser Road and will continue north to the regulator station to be located on the Port Authority's property. NGOT anticipates the first part of the project to begin in early November 2017 and will take six to eight weeks to complete. The second phase will begin at the new regulator station and continue north to Irving Wick Drive and end at NGOT's existing regulator station on Heath Road. The second phase of this project will begin in early 2018 (weather permitting) and is anticipated to be completed in the late spring of 2018.



NGO Transmission has filed a Letter of Notification to construct, operate, and maintain this facility with the Ohio Power Siting Board (OPSB), under Case No. 17-1994-GA-

BLN. Interested persons may participate in the process by filing comments in the docket, or by seeking permission to formally intervene in the case. You may also request notification of the filing documents in the case by signing up with the OPSB for electronic notice of filings, or by sending a letter to the OPSB to indicate your interest. Letters should be addressed to Ohio Power Siting Board, 180 East Broad Street, Columbus, Ohio, 43215, and must reference Case No. 17-1994-GA-BLN.

A copy of the application is available for public inspection at the main office of The Energy Cooperative at 1500 Granville Road, Newark, Ohio 43055, and at the offices of the Ohio Power Siting Board, 180 East Broad Street, Columbus, Ohio, 43215. The OPSB may be contacted at [contactOPSB@puc.state.oh.us](mailto:contactOPSB@puc.state.oh.us) or 1-866-270-OPSB (6772). The application is also available on The Energy Cooperative's website at <http://theenergycoop.com/ohio-power-siting-board-filings>, and on the OPSB's website at [www.opsb.ohio.gov](http://www.opsb.ohio.gov). A copy of the application has been sent to the following libraries: Emerson R. Miller Public Library, 990 W Main St., Newark, Ohio 43055 and the Licking County and Newark Library, 101 W Main St., Newark, Ohio 43055.

If you have any questions or concerns, please contact me as soon as possible. Thank you for your kind cooperation in regard to this matter.

Sincerely,

Lija Kaleps-Clark  
NGO Transmission, Inc.  
Director of Land & Legal Services  
(740) 348-1212  
[lija@theenergycoop.com](mailto:lija@theenergycoop.com)

# EXHIBIT C

**SOCIOECONOMIC, LAND USE, AND  
AGRICULTURAL DISTRICT REVIEW REPORT**

**JAMES PARKWAY GAS LINE REPLACEMENT  
HEATH, LICKING COUNTY, OHIO**

**SEPTEMBER 2017**

**Prepared for:**



**Prepared by:**



**59 Grant Street  
Newark, Ohio 43055  
740-344-5451**

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## 1.0 PROJECT DESCRIPTION

A review of the socioeconomic, land use, and agricultural districts was performed by Jobes Henderson & Associates (JHA, a wholly-owned subsidiary of Hull & Associates, Inc., Hull) for NGO Transmission, Inc.'s (Client) James Parkway Gas Line Replacement Project located in Heath, Licking County, Ohio. The Client is proposing to install approximately one (1) mile of gas line within the Heath Newark Licking County Port Authority Industrial Park. This gas line replacement will be constructed through newly established easements along the western side of James Parkway, along the southern and northern sides of Irving Wick Drive and terminates at the NGO Transmission, Inc. property on the north side of Irving Wick Drive. One (1) regulation station is proposed to be located approximately 1,000 feet south of Irving Wick Drive on the western side of James Parkway (Project Corridor/Proposed Gas Line; Figure 1).

Based on information obtained by the Licking County Auditor, the Project Corridor exists within utility easements on properties owned by the Heath-Newark Licking County Port Authority (HNLCPA), The Southgate Corporation, Timothy L. and Dawn P. Chester, and NGO Transmission, Inc. with the following parcel numbers:

- 030-089136-00.007 (Southgate Corp.)
- 030-089136-00.001 (HNLCPA)
- 030-087710-00.000 (HNLCPA)
- 030-089154-00.002 (HNLCPA)
- 030-087710-00.002 (HNLCPA)
- 030-088182-00.002 (Chester, Timothy L and Dawn P.)
- 030-099846-02.000 (NGO Transmission, Inc.)

The Ohio Power Siting Board (OPSB) regulations stated in the Ohio Administrative Code (OAC 4906-6) for Accelerated Certificate Applications includes the requirement to perform an evaluation of the socioeconomic, land use, and agricultural districts that are located within the vicinity of the proposed project area. Information that was reviewed during this analysis includes: United States Census Data, aerial photography review, Licking County Auditor Data and the United States Geological Survey 7.5 Minute Newark, Ohio Quadrangle Map.

## 2.0 GENERAL LAND USE

The Project Corridor is located within the City of Heath, Licking County, Ohio. Land use associated with this project includes industrial and agricultural. The entire Project Corridor exists within the Heath Licking County Port Authority (HNLCPA) Industrial Park. Historically, the Industrial Park has been known as the Newark Air Force Base and has been used for military, industrial and agricultural purposes.

The Federal Emergency Management Agency's (FEMA) 100-year floodplain exists within the Project Corridor along Ramp Creek and extends approximately 80 to 230 feet along the southern side of Irving Wick Drive. An entrance ramp to a pedestrian path is located along the southern side of Irving Wick Drive, west of James Parkway and north of Ramp Creek. Also, a pedestrian path trends north to south along the western side of James Parkway, from the bridge over Ramp Creek towards the south approximately 800-feet where it terminates at an access drive. The location of the FEMA 100-year floodplain is presented in Figure 2.

The HNLCPA provided JHA with previous environmental studies that were performed within the Project Corridor because of the historic land use along the northern portion of the Project Corridor, including the former Newark Air Force Base property. Geotechnical Consultants, Inc.'s November 5, 2009, *Report of Phase I Environmental Site Assessment - Former Facility Area 87 (Parcel 1B) Former Newark Air Force Base Heath, Licking County, Ohio* included information on a 0.758 acre-parcel (Parcel # 030-089154-00.002) located within the Project Corridor which contained four buildings which were used as a hazardous waste and road salt storage areas from approximately 1978 to 1990. In 1991, a Resource Conservation Revitalization Act (RCRA) Closure of the facility took place and indicated soil contamination of several chemicals of concern, including volatile organic compounds (VOCs), semi-volatile VOCs 1,1,1-trichloroethane and tetrachloroethene. The groundwater on the property consisted of elevated levels of chlorinated VOC's and groundwater monitoring wells were installed. Prior to the purchase of this parcel by the HNLCPA in 2011, the groundwater and surface soil contamination were remediated by various methods, but contamination is still present and health and safety precautions should be taken by the contractor when excavating in this area. The United States Air Force determined a Finding of Suitability to Transfer, and remedial actions are Operating Properly and Successfully (GCI, 2008).

Additional information regarding the Former Facility Area 87 is presented in Appendix A.



### **3.0 POPULATION DENSITY**

JHA reviewed the United States Census Bureau's 2010 Census data for the Tracts, Block Groups and Blocks within Project Corridor. According to the Census data, the Project Corridor exists within Census Tract 7531 in Licking County, Ohio in the following two (2) Block Groups and seven (7) Blocks:

- Block Group 2/Block 2037
- Block Group 3/Block 3035, 3032, 3034, 3054, 3063, and 3064

The population density within the Blocks that encompass the Project Corridor is low because of the industrial and agricultural nature of the surrounding land use. Based on census data, Block Group 2/Block 2037 located north of Irving Wick Drive includes 13 households with an average household size of 2.69 and Block Group 3/Block 3054 located adjacent to the south of Ramp Creek includes 128 households with an average household size of 1.43. No households were noted in the Census Data within the additional Blocks comprising the Project Corridor (USCB, 2010). No homes were identified along the Project Corridor and the population density is estimated at 0 persons living within the corridor, therefore, no homes are expected to be impacted by this project. The United States Census Bureau 2010 Census Block Data is presented in Figure 1.

### **4.0 AGRICULTURAL DISTRICT**

The Licking County Auditor's Office was contacted by JHA on March 23, 2017 to evaluate the status of the parcels located within the Project Corridor. Based on email correspondence with Ms. Kayla Jones, the Licking County Auditor's Office's Director of Agricultural District Programs, no Agricultural Districts exist within the Project Corridor.

Agricultural lands exist within the Project Corridor at the southern portion of the alignment on the western side of James Parkway. The agricultural fields are used to produce row crops and this project is only expected to impact the area immediately adjacent to the western side of James Parkway and not extend into the interior of the agricultural fields. It is not anticipated that this project will cause permanent impacts to agricultural lands.

Email correspondence with the Licking County Auditor's Office is presented in Appendix B.

## **5.0 CONCLUSION**

The general land use within the Project Corridor exists as either commercial land, manicured lawns or agricultural land. The Project Corridor extends through six parcels on the western side of James Parkway, crosses Ramp Creek and Irving Wick Drive, then extends to the west along the northern side of Irving Wick Drive and terminates within the NGO Transmission, Inc.'s property. The area within the HNLCPA's property (Parcel # 030-089154-00.002) contains known soil contamination and proper health and safety measures should be implemented by the contractor during excavation and construction activities within this area. Population density within the Project Corridor is 0 individuals and no households were identified. Because of the lack of established Agricultural District Land, low population density, and existing land use in the area, this project is not expected to cause negative impacts to the land uses of this area.

## 6.0 REFERENCES

Geotechnical Consultants Inc. 2009. *Report of Phase I Environmental Site Assessment- Former Facility Area 87 (Parcel 1B) Former Newark Air Force Base Heath, Licking County, Ohio.*

Google Earth Pro. Aerial Photographs. 1994, 2004, 2005, 2006, 2008, 2009, 2010, 2011, 2012, and 2014. Web. March 2017.

Jones, Kayla. Licking County Auditor's Office. Email Correspondence, March 2017. Print.

*Licking County Auditor's Office. Property Card.* Web. March 2017.

United States Census Bureau / American FactFinder. *Households and Families: 2010, 2010 Census Summary Files.* Web. March 2017. <http://factfinder2.census.gov>.

United States Geological Survey. United States Department of Agriculture. *7.5 Minute Quadrangle Map, Newark, Ohio.*

## **FIGURES**





**Notes:**

The aerial photo was acquired through the ESRI Imagery web service. Aerial photography dated 2015.



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The Energy Cooperative  
James Parkway Gasline Extension

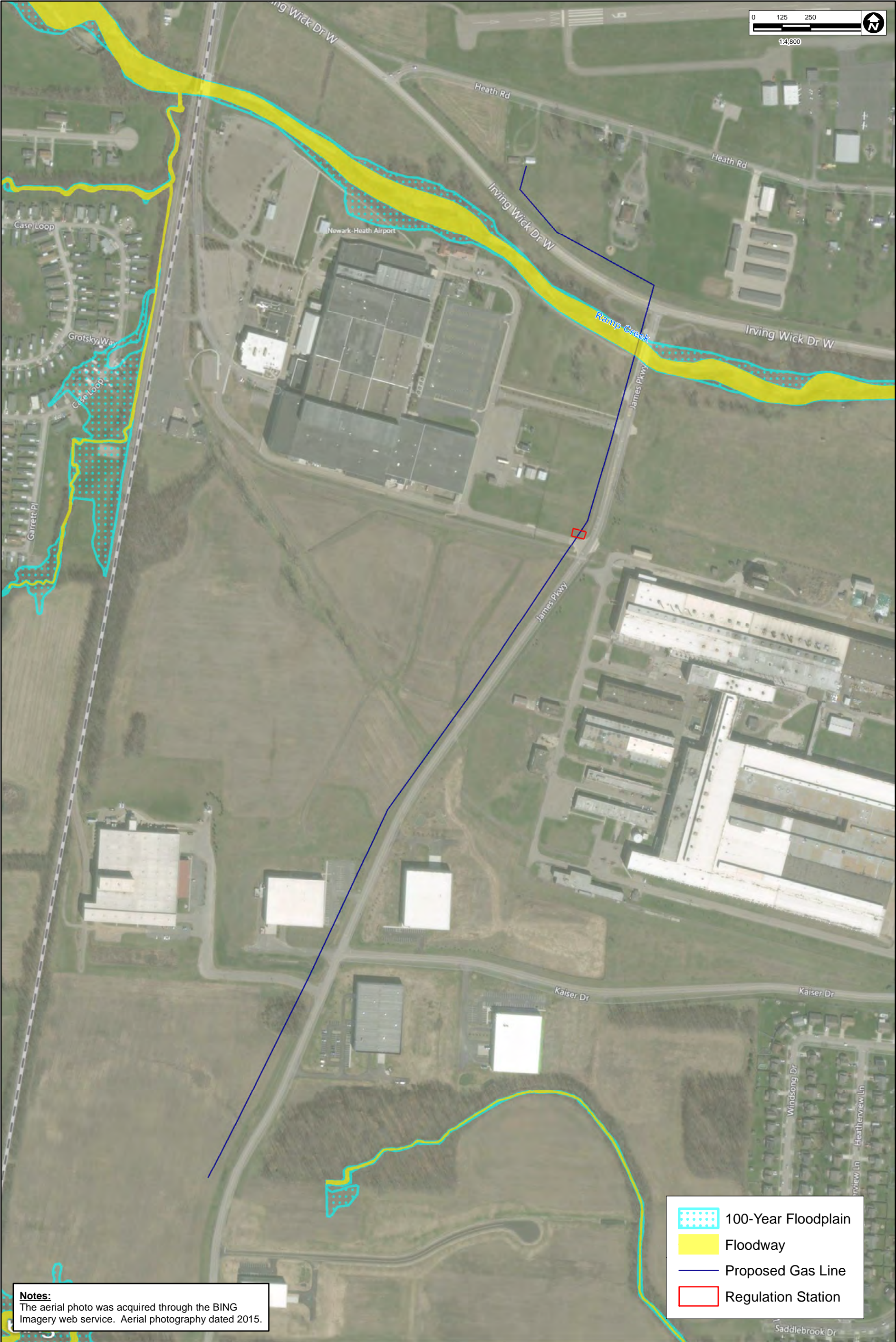
**Land Use Map**

James Parkway and Irving Wick Drive  
Heath, Licking County, Ohio

Figure

**1**







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SEPTEMBER 2017

The Energy Cooperative  
James Parkway Gasline Extension

**FEMA Floodplain Map**

James Parkway and Irving Wick Drive  
Heath, Licking County, Ohio

Figure

**2**



## **Appendix A.**

### Previous Studies

**REPORT OF  
PHASE I ENVIRONMENTAL SITE ASSESSMENT**

**FORMER FACILITY 87 AREA (PARCEL 1B)  
FORMER NEWARK AIR FORCE BASE  
HEATH, LICKING COUNTY, OHIO**

**GCI PROJECT NO. 09-E-15446**

*Client:*

**Heath-Newark-Licking County Port Authority  
c/o Mr. David Handley  
851 Irving-Wick Dr.  
Heath, OH 43056**

*Prepared by:*

**Geotechnical Consultants, Inc. (GCI)  
720 Greencrest Dr.  
Westerville, OH 43081**

**November 5, 2009**

---

Branch Offices

Youngstown

8433 South Ave. – Bldg. 1, Suite 1

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**APPENDIX A – MAPS AND PHYSICAL SETTING INFORMATION**

General Property Location Map  
1961 (photorevised 1982) USGS Topographic Map  
Licking County Auditor's Parcel Map  
Property Boundary Map  
Former Newark Air Force Base Layout Map  
ODNR Well Log and Drilling Reports (9 pages)  
NRCS Web Soil Survey Map (2004 Aerial Photograph)  
NRCS Web Soil Survey Map Unit Description (2 pages)

**APPENDIX B – OWNERSHIP AND HISTORICAL INFORMATION**

Quit Claim Deed Draft (10 pages)  
1930, 1940, 1950-51, 1958, 1964, 1976, 1989, 1994, 1998, 2005, 2006, and 2008 Aerial Photographs  
1909 and 1974 USGS Topographic Maps

**APPENDIX C – REGULATORY DOCUMENTATION**

Environmental FirstSearch Report (44 pages)  
Licking County Health Department fax (3 pages)  
Telephone Conversation Log – Local Health Department  
List of Previous Environmental Assessments and Other Documents Reviewed for this Report (2 pages)  
Inventory List of Hazardous Waste and Other Chemicals Previously Stored at the Property (6 pages)

**APPENDIX D – SITE RECONNAISSANCE AND OTHER INFORMATION**

User Questionnaire  
Property Photographs (Photo 1 to Photo 6)



## 1.0 SUMMARY

---

Heath-Newark-Licking County Port Authority (client) retained Geotechnical Consultants, Inc. (GCI) to perform a Phase I environmental site assessment (Phase I ESA) of a 0.76± acre vacant parcel known as Former Facility 87 or Parcel 1.b of the former Newark Air Force Base (the property). The property currently comprises a grassy lawn area on the western side of James Parkway, south of Irving-Wick Drive, in Heath, Licking County, Ohio.

The former Newark Air Force Station or Newark Air Force Base (NAFB) was constructed on approximately 70-acres beginning in the early 1950s on previously undeveloped agricultural land. The former NAFB historically operated as a facility for the calibration, repair, and engineering of aircraft and missile systems. In 1993, the United States Air Force (USAF) decided to transfer the NAFB's mission to private contractors (Rockwell International and Wyle Laboratories), which was completed in 1996. In 1996, a 57-acre parcel of the former NAFB was acquired by the Heath-Newark-Licking County Port Authority. In 2003, the Licking County Air Port Authority acquired a 13-acre parcel of the former NAFB. The subject 0.76± acre property is latest parcel to be acquired by Heath-Newark-Licking County Port Authority from the USAF.

The property previously contained five buildings built between 1978 and 1990. They were demolished between 1990 and 2008. Four of the former buildings on the property were used for the storage of hazardous wastes and road salt. One of the former buildings was used a shop building.

The Phase I ESA has revealed no evidence of recognized environmental conditions (RECs) in connection with this property except for the following:

- A release of hazardous substances occurred into the ground at the property, resulting in soil and groundwater impacts. A number of previous assessments of the release were conducted and remediation activities were undertaken. The remediation activities included vapor extraction, in-situ bioremediation through vegetable oil injection, monitored natural attenuation, and soil excavation. Contamination is still present in soil and groundwater, and the groundwater impact is currently undergoing a monitoring program.

Further information is provided in the following sections of this report, which should be read entirely.

## 2.0 INTRODUCTION

---

GCI is a geo-professional consulting firm performing environmental assessment, remediation, wetlands consulting and permitting assistance, geotechnical engineering, construction monitoring, laboratory analysis, and subsurface exploration services. Please contact our office by telephone at (614) 895-1400 or visit our web site at <http://www.GCI2000.com> for more information.

## **2.1 PURPOSE**

The purpose of a Phase I ESA is to assess property for *recognized environmental conditions* (RECs). GCI performed a site reconnaissance, a driving tour of the vicinity, a review of agency databases, and a review of historical data in an effort to achieve this objective.

RECs are defined as: the presence or likely presence of hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of hazardous substances or petroleum products into structures on the property or in the ground, groundwater, or surface water of the property. The term “recognized environmental conditions” does not include de minimis conditions that generally do not present a material risk of harm to public health or the environment. A “risk of harm” would be a recognized environmental condition that when brought to the attention of an appropriate governmental agency would be subject to an enforcement action. In performing this Phase I ESA report, GCI has striven to balance between competing goals of identifying signs of recognized environmental conditions and a scope of services limited by both cost and time constraints.

Special terms and conditions are outlined in our proposal and Terms and Conditions with our client dated September 29, 2009. This assessment is intended to permit the user to satisfy one of the requirements to qualify for the Comprehensive Environmental Response, Compensation and Liability Act’s (CERCLA’s) landowner liability protections (LLPs): *innocent landowner*, *contiguous property owner*, or *bona fide prospective purchaser*. This practice does not address specific requirements of local, state, or federal laws other than the *all appropriate inquiry* (AAI) provisions of the LLPs. Users are cautioned that local, state, and federal laws may impose environmental assessment obligations that are beyond the scope of this assessment. The users should also be aware that there may be other legal obligations with regard to hazardous substances or petroleum products on the property that are not addressed in this assessment and could pose a risk of civil and/or criminal sanctions for non-compliance.

## **2.2 SPECIAL TERMS AND CONDITIONS**

This report is an instrument of professional service prepared by GCI for the sole use of Heath-Newark-Licking County Port Authority and other parties that may be designated jointly by Heath-Newark-Licking County Port Authority and GCI. Any other party that wishes to use or rely upon this report, or that wishes to duplicate, otherwise reproduce or copy, or excerpt from, or quote this report must apply with GCI for authorization to do so. Any unauthorized use of or reliance on this report shall release GCI from any liability resulting from such use or reliance. Any unauthorized duplication, other reproduction or copying, or excerption or quotation of this report shall expose the violator to all legal remedies available to GCI.

## **2.3 SCOPE OF SERVICES AND REPORT METHODOLOGY USED**

In accordance with our proposal #09E0236A dated September 29, 2009, the scope of the Phase I ESA included the following: historical background research; review of local, state,



federal, and tribal environmental agency data; visual property observations; review of area geology; and interviews.

GCI performed this Phase I ESA in substantial accordance with ASTM practice E 1527-05 guidelines; 40 CFR Part 312, Standards and Practices for All Appropriate Inquiry, Final Rule; and the generally accepted practices of environmental professionals performing similar services in the same locale under similar circumstances at the time of this assessment.

## **2.4 LIMITATIONS AND EXCEPTIONS OF ASSESSMENT**

It is important to note that unexpected conditions may arise on any property. Identifying such conditions may not be attainable through the scope and limitations of ASTM practice E 1527-05. Having an AAI-compliant Phase I conducted will not protect a user from all forms of liability. For instance, AAI is limited to liability under federal CERCLA law but does not provide protection from liability under other federal statutes, state law, or common law. Likewise, AAI is only the first step of establishing a CERCLA defense and will not necessarily protect an owner from CERCLA litigation, particularly if the owner ignores the applicable continuing obligations over the course of property ownership. According to AAI, CERCLA liability rests with the owner or operator of the property and not with an environmental professional hired by the prospective landowner and who is not involved with the ownership or operation of the property.

AAI also does not address environmental compliance issues or health and safety compliance issues, nor is AAI designed for use in stock purchase arrangements because such deals do not involve transfers of real property. AAI is not a cure all for any environmental due diligence need. Often, the major driver for having a Phase I ESA conducted is to protect the owner from buying a problem property. Depending on the property, an AAI-compliant scope may or may not be appropriate. In some cases, a modified AAI approach may be more fitting. What the user wants to do with the property first can significantly affect what the scope of the Phase I ESA. It is therefore critical that the user be engaged upfront to identify what their goals are and to determine the appropriate methods for reaching those goals.

The following are beyond the scope of the Phase I ESA: assessing ASTM-defined “business environmental risks”; asbestos assessments/surveys; sampling/testing of building materials, soil, air or water; assessment for jurisdictional waters (wetlands/streams); cultural resources review including state historic preservation office (SHPO) inquiries; endangered or unique habitats or species inquiry; meetings with regulatory agencies; land surveying; an industrial hygiene survey; testing for biological pollutants (e.g., mold, fungi, bacteria, etc.), radon, air quality, lead-based paints, or other testing; measurement of quantities of wastes on the property; a compliance audit of existing or former operations; and meetings to discuss the property or report findings.

A Phase I ESA is not intended to wholly eliminate uncertainty regarding the possibility of recognized environmental conditions regarding the property. This report is intended to

reduce, but not eliminate, uncertainty regarding the possibility of recognized environmental conditions regarding the property.

GCI made appropriate inquiries in the performance of this Phase I ESA. This does not mean an exhaustive search was performed; the cost of information or time required gathering it may outweigh its usefulness.

Not every property needs the same level of assessment. The appropriate level of inquiry regarding the property subject to a Phase I ESA is guided by type of property, the judgment of environmental professionals, and information developed during the assessment.

In order for the protective purchaser to claim protection from CERCLA liabilities, the acquisition of the subject property must be completed with 180 days after the commencement date of the Phase I ESA. The practicability of information contained in the Phase I ESA is presumed to be valid for a period of 180 days after date of issuance. The exception is its use as a historical informational source for future environmental site assessments.

The information in this report is true to the best of our knowledge. GCI obtained some of the information presented in this report from other persons/agencies. GCI assumes no responsibility for the accuracy or completeness of information provided by others. No warranty, express or implied, is given by GCI.

The conclusions presented in this report are professional opinions based on data collected between the commencement date and the report date. They are intended for the purpose, property location, and project indicated. This report is not a definitive study of contamination at the property and should not be interpreted as such. An evaluation of subsurface soil and ground water conditions was not performed as part of this ESA. No sampling or laboratory chemical analysis was performed as part of this ESA. GCI performed activities appropriate and necessary to evaluate the environmental status of the property under current Phase I ESA guidelines.

## **2.5 USER-PROVIDED INFORMATION**

In general, parties involved in real estate transactions will engage a title search company to perform the task of searching for title records, including liens on a property. In accordance with the agreement for the Phase I ESA, GCI has not performed a title search, including searching title records for activity and use limitations (AULs) or environmental liens. GCI submitted a User Questionnaire (appended) to Mr. David Handley who represents Heath-Newark-Licking County Port Authority, our client, to request this and other information pertaining to the property. The questionnaire responses indicated:

- They had no knowledge of any existing environmental liens at the property;
- AULs at the property included land use controls such as restrictions against potable water wells, daycare and residential uses;



- They had knowledge of RECs regarding the property / property vicinity with regards to various remediation activities;
- The transfer of the property will be at no cost;
- They were aware of reasonably ascertainable information about the property and a number of previous environmental investigation documents were available regarding past environmental activities; and
- They were aware of contamination on the property that was documented in a number of previous reports / studies.

### **3.0 PROPERTY LOCATION**

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This section provides a general portrayal of the property and its vicinity. Information from visual observations of the property and adjoining properties is provided in § 5.0 *Information from Site Reconnaissance and Interviews*.

#### **3.1 LOCATION**

Information provided in this section specifically describes the location of the property, as was provided by our client, the property owner, governmental agencies, or any combination thereof.

The property was known as Former Facility 87 or Parcel 1.b of the former NAFB. The property comprised 0.76± acres at the southwest corner of the former NAFB. The property was on the western side of James Parkway, south of Irving-Wick Drive in Heath, Licking County, Ohio.

#### **3.2 PROPERTY AND VICINITY CHARACTERISTICS**

This section describes the property and vicinity by generalizing a description whether they exist in a setting that may be industrial, residential, commercial, agricultural, etc. or any combination thereof. This information is a brief description that is combined from various sources. A broader description of specific adjoining properties and the property are provided under § 5.0 *Information from Site Reconnaissance and Interviews*.

The property is in an area used mostly for industrial and agricultural purposes. Industrial facilities in the area included the Central Ohio Aerospace & Technology Center and Kaiser Aluminum. Other land uses of the property area included farmland, rural residences, and the Newark-Heath Airport.

### **4.0 RECORDS REVIEW**

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This section provides information from public ascertainable recorded documents, government environmental databases, and historical information relative to identifying recognized environmental conditions regarding the property.

#### **4.1 PHYSICAL SETTING**

The following subsections describe reviewed information pertaining to geologic, hydrogeologic, or topographic characteristics of a property. This information is useful in



identifying possible contaminant migratory pathways related to the surface, subsurface, and groundwater of the property and off-property sources.

#### **4.1.1 USGS TOPOGRAPHIC MAP REVIEW**

The 1961 (photorevised 1982) *Newark, Ohio*, United States Geological Survey (USGS) 7.5-minute series topographic map indicated the elevation at the property was between 880 feet and 890 feet above mean sea level. This map indicated the property included small buildings at the southeast corner of the Newark Air Force Station. Surface elevations in the general vicinity of the property appeared to decrease to the north or northeast toward Ramp Creek, which was approximately 700 feet north of the property.

#### **4.1.2 COUNTY GROUNDWATER RESOURCES MAP**

The *Ground-Water Resources of Licking County, Ohio*, published in 1982 by the Ohio Department of Natural Resources (ODNR) - Division of Water indicated the principal groundwater source in the property area was generally well sorted deposits of sand and gravel.

#### **4.1.3 WELL LOG REVIEW**

GCI researched *Well Log and Drilling Report* information available from the ODNR, Division of Water office website<sup>1</sup> for groundwater wells in the property area. This review identified eight well logs for groundwater monitoring wells installed at the NAFB in 2009. These well logs appeared to be for monitoring wells currently on the property and adjoining properties. The well logs indicated soils at the property generally included 5 feet of clay underlain by 3 feet to 4 feet of silt, over sand and gravel. No bedrock was indicated on the reviewed well logs. Static water levels were reported at 17.5 to 19.5 feet below ground surface.

One additional well log from a groundwater supply well in the area was reviewed. This well log indicated a general subsurface profile of clay with varying amounts of sand and gravel. This well was drilled 100 feet deep and did not encounter bedrock. The static water level was reported at 20 feet.

#### **4.1.4 COUNTY SOIL SURVEY REVIEW**

GCI reviewed the US Department of Agriculture (USDA) National Resource Conservation Service (NRCS) Web Soil Survey Map available from their website<sup>2</sup> for soil classification information. This map indicated the property soils were classified as Ockley-Urban land complex (OeA). This soil type had 0-3% slopes. The Ockley portion of this soil type was well drained with moderate available water capacity. The Urban portion of this soil type was covered with buildings and buildings or has undergone cutting and filling that has altered or obscured original surface soils.

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<sup>1</sup> <http://www.dnr.state.oh.us>

<sup>2</sup> <http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx>

#### **4.1.5 SUBSURFACE EXPLORATION INFORMATION**

GCI has not performed a subsurface exploration of the property at this time. Information from a subsurface exploration for the installation of monitoring wells at the property is included in section 4.1.3.

#### **4.2 HISTORICAL USE INFORMATION**

The following subsections provide a history of previous uses of the property and surrounding properties. This helps to identify the possibility of past uses having led to recognized environmental conditions concerning the property.

##### **4.2.1 PREVIOUS ENVIRONMENTAL REPORT REVIEW**

GCI reviewed several previous environmental assessments reports and other documents referencing the property, which the client provided or were available from the United States Air Force Real Property Agency Administrative Records website<sup>3</sup>. A listing of the reviewed documents is included in Appendix C. The following is a summary of the reviewed documents:

The reviewed documents indicated the property was previously used for storage of hazardous wastes. The storage unit was a three-sided, wood-framed structure with corrugated metal walls and roofing, and an asphalt floor over gravel. Appendix C of this report provides a listing of hazardous wastes previously stored at the property.

A RCRA Closure of Facility 87 formerly on the property was performed in 1991, which included collection and analysis of soil and rinseate water samples. Sample analysis indicated the presence of several chemicals of concern (COCs) in the soil at the property. In response to the finding, soil was excavated in the affected area at the property at depths ranging from 2 feet to 12 feet below ground surface. Groundwater was indicated below the 12 feet depth. Confirmation soil sampling and analysis indicated elevated concentrations of volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs) remained in the soil, suggesting groundwater below the property may have been impacted. The COCs with the highest concentrations included 1,1,1-trichloroethane and tetrachloroethene (PCE).

Subsequent groundwater sampling and analysis indicated groundwater under the property and land to the north of the property was impacted by chlorinated VOCs, and a groundwater monitoring plan was implemented. The groundwater flow was determined to be northeasterly.

In 1995, a soil vapor extraction (SVE) system was installed at the property to reduce COC concentration in soil. In 1996, additional soil samples were collected and analyzed and the SVE system was discontinued based on concentrations of

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<sup>3</sup> <https://afropaar.lackland.af.mil/ar/docsearch.aspx>

contaminants in soil indicated acceptable risk to human health and the environment.

In 1997, Ohio EPA indicated the former hazardous waste storage area was closed in accordance with the approved closure plans. Ohio EPA indicated Facility 87 no longer operated as a RCRA TSD facility; however, the facility remained a small quantity hazardous waste generator and would continue to operate as a land disposal facility without a cap throughout the post-closure period until it could achieve risk-based clean closure. The post-closure period is active until risk-based remediation goals are achieved.

In an effort to achieve the risk-based remediation goals for the former Facility 87 area, several options were proposed and evaluated. These options included long term monitoring, pumping and treating groundwater, installing a ground water cut-off trench, excavation, in-situ oxidation, and a combination of excavation and in-situ oxidation.

The in-situ oxidation and long term monitoring methods were performed to accelerate the degradation of PCE to daughter compounds until COCs were broken down to ethane. The in-situ method including injection of a relatively insoluble organic substrate (vegetable oil) into the unconfined aquifer to enhance reductive dehalogenation of chlorinated aliphatic hydrocarbons. In 2001 and 2003, a mixture of vegetable oil, food-grade lecithin, and water was injected into the groundwater at the property. Monitoring activities were conducted quarterly to assess the effectiveness of the in-situ method. In 2006, an *Effectiveness Report* indicated the post closure remedy was in compliance with Operating Properly and Successfully requirements. Calculations presented indicated an 88 percent total reduction in toxicity of dissolved contaminants in the source area groundwater occurred between 2001 and 2005.

In 2007, plans were proposed to remove contaminated soils at the property in an effort to remove most of the contaminant source material that was causing and perpetuating the groundwater contaminant plume. The source removal plans included well abandonment, soil removal, utility capping and/or removal, removal of former buildings, installation of new monitoring wells, and placing imported soil on the property. The objective of the soil removal was not to remove all the contaminated soil but to remove the soil to site-specific target levels. Execution of the source removal plan began in September 2008 and was completed in August 2009.

Subsequent documentation from the USAF indicated they determined a Finding of Suitability to Transfer, and remedial actions are Operating Properly and Successfully.



#### 4.2.2 COUNTY RECORD REVIEW

Other information reviewed for this report indicated the property has been owned by the United States of America since the 1950s; therefore, GCI did not review historical deed records to develop an ownership listing pertaining to the property.

GCI reviewed a draft of the proposed Quit Claim Deed for the pending acquisition of the property by the client from the current owner (the United States of America). Provisions in the draft deed indicated / included:

- Unknown quantities of TCE; 1,2-DCE; VC; 1,1,1-TCA; 1,1-DCA; and chloroethane were released on the property between 1977 and 1988;
- Remedial actions consisting of the excavation and disposal of soil, bioremediation, soil vapor extraction, and monitored natural attenuation have occurred on the property;
- Remedial actions necessary to protect human health and environment, with respect to hazardous substances, have been taken and any additional remedial actions found to be necessary after the date of the deed shall be conducted by the United States;
- Environmental Restrictive Use Covenants and Other Notices, which included:
  - Groundwater underlying the property shall not be used for any purpose other than monitoring without the approval of the USAF;
  - The property will not be used for residential purposes, hospitals for human care, public or private schools for persons under 18 years of age, or daycare centers;
  - A Health and Safety Plan that recognizes the nature and history of the property and the residual contamination is required for any soil disturbing activities (e.g., constructing, digging, excavating, drilling, grading, removing, trenching, filling, moving, farming/planting, or mining); and
  - (a) Design and construction of structures for occupancy shall be done in a manner that would mitigate risks from shallow soil gas or (b) an evaluation shall be performed for the potential of unacceptable risk prior to the erection of any new occupied structure and include mitigation for vapor intrusion if unacceptable risk is posed;
- Lead-based paint may be located on the property; and
- Asbestos-containing materials may be located on the property.

These deed provisions were from a draft and the final deed provisions may vary.

#### 4.2.3 AERIAL PHOTOGRAPH REVIEW

GCI reviewed aerial photographs dating from 1930, 1940, 1950-51, 1958, 1964, 1976, 1989, 1994, 1998, 2005, 2006, and 2008. GCI obtained photocopies of these photographs from the Licking Soil and Water Conservation District office, the

Licking County Auditor's office, and the Microsoft TerraServer website<sup>4</sup>. Photocopies of the reviewed aerial photographs are included in Appendix B of this report.

The 1930, 1940, and 1950-51 aerial photographs indicated the property and adjoining properties comprised vacant undeveloped agricultural land. The 1950-51 aerial photograph indicated the existing Kaiser Aluminum facility southeast of the property.

The 1958, 1964, and 1976 aerial photographs indicated buildings for the former NAFB were west of the property; however, the subject property appeared to remain undeveloped.

The 1989 and later aerial photographs indicated several different small buildings on the property at various times.

The east-adjoining James Parkway was not shown on the reviewed aerial photographs.

#### **4.2.4 HISTORIC TOPOGRAPHIC MAP REVIEW**

GCI reviewed the 1909 *Newark, Ohio*, USGS 15-minute series topographic map. This map indicated no buildings on the property or adjoining the property.

GCI reviewed the 1961 (photorevised 1974) *Newark, Ohio*, USGS 7.5-minute series topographic map. This map indicated house-sized buildings on the property and adjoining the property. This map indicated no buildings on the property. A portion of the former NAFB was developed to the west.

#### **4.2.5 HISTORICAL FIRE INSURANCE MAPS**

GCI reviewed historical Sanborn fire insurance maps for the property on the Ohio Public Library Information Network website. No Sanborn maps were available for the property. Generally, the absence of Sanborn maps for a given area tends to support evidence that the area was not significantly developed.

#### **4.2.6 REVIEW OF CITY DIRECTORIES**

Adequate property occupancy/use information was available from other sources cited in this report; therefore, GCI did not review city directories for this property.

### **4.3 STANDARD ENVIRONMENTAL RECORD SOURCES, FEDERAL AND STATE**

GCI engaged FirstSearch Technology Corporation (FirstSearch) to provide a review of state and federal government environmental agency database records. Their review lists the number of database sites identified within the search radius distances of each respective database, and identities of plotted sites. The following subsections represent the databases reviewed. The FirstSearch report is appended.

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<sup>4</sup> <http://terraserver-usa.com/geographic.aspx>

#### 4.3.1 NATIONAL PRIORITIES LIST (NPL)

The NPL is a subset of the CERCLIS and lists over 1,200 of the nation's sites of uncontrolled or hazardous waste, which require cleanup. Also known as the Superfund List; the sites are scored according to the hazard ranking system (HRS). This database also includes delisted NPL sites.

The FirstSearch report identified no NPL facilities within a 1-mile radius of the property.

#### 4.3.2 COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY INFORMATION SYSTEM (CERCLIS)

CERCLIS maintains information on sites nationally identified as hazardous or potentially hazardous, which may require action. These sites are currently being investigated or an investigation has been completed regarding the release of hazardous substances. The most serious of this list as ranked by the HRS are transferred to the NPL.

The FirstSearch report identified one CERCLIS facility within a ½-mile radius of the property:

**Facility:** Newark Air Force Base, Irving Wick Dr. W., Heath, OH 43056

**Status:** This CERCLIS listing appeared to be related to a former landfill (Landfill 02 also referred to as AC13) at the former NAFB. The landfill was apparently on the northern side of Ramp Creek and southern side of Irving Wick Drive.

This facility listing was not proposed for the NPL.

#### 4.3.3 CERCLIS ARCHIVED SITES (NFRAP)

This database contains archived CERCLA sites with completed assessments where U.S. EPA determined that no further steps will be taken to place these sites on the NPL.

The FirstSearch report identified one NFRAP facility within a ½-mile radius of the property:

**Facility:** Ramp Creek, N. of Ramp Creek, Heath, OH 43055

**Location:** Approximately 0.40-miles to the northwest

**Status:** From 1982 to 1984, a Discovery, Preliminary Assessment, Site Inspection, and Hazard Ranking System Package were performed, which resulted in NFRAP status. This listing was archived in 1993.

#### 4.3.4 RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM – CORRECTIVE ACTION SITES (CORRACTS)

The CORRACTS database includes RCRA sites with reported corrective actions.

The FirstSearch report identified one CORRACTS facility within a 1-mile radius of the property:

**Facility:** Former Newark Air Force Base FF-87, 813 Irving Wick Dr. W., Newark, OH 43056

**Status:** FF-87 was listed as Subject to Corrective Action.

**4.3.5 RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM -- TREATMENT, STORAGE, AND DISPOSAL FACILITIES (RCRA TSD)**

RCRIS contains information on hazardous waste handlers regulated by the US Environmental Protection Agency under the Resource Conservation and Recovery Act (RCRA). It is a national system used to track events and activities, which fall under RCRA. The TSD database is a subset of the complete RCRIS file which includes facilities which treat, store, dispose, or incinerate hazardous waste.

The FirstSearch report identified one RCRA TSD facility within a ½-mile radius of the property:

**Facility:** Former Newark AFB AFBCA/DC, 813 Irving Wick Dr. W., Heath, OH 43056

**Status:** This listing indicated several violations and enforcement actions.

**4.3.6 RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM -- LARGE AND SMALL QUANTITY GENERATORS (RCRA GENERATOR)**

RCRIS contains information on hazardous waste handlers regulated by the US Environmental Protection Agency under the Resource Conservation and Recovery Act (RCRA). It is a national system used to track events and activities that fall under RCRA. The generators database is a subset of the complete RCRIS file, which includes hazardous waste generators that create more than 100 kg. of hazardous waste per month or meet other requirements of RCRA. FirstSearch also includes RCRA Notifiers, Transporters, and formerly regulated RCRA Sites for more complete hazardous waste information. Additionally, compliance and corrective action information is included.

The FirstSearch report identified two RCRA generating facilities on the property or adjoining the property:

**Facility:** Heath-Newark Licking Cty, 813 Irving Wick Dr. W., Heath, OH 43056

**Location:** Possibly adjoins the property to the west.

**Status:** This facility was listed as a Conditionally Exempt Small Quantity Generator (generates less than 100 kg per month of hazardous wastes. No violations or enforcement actions were listed for this facility.

**Facility:** Boeing Heath Ohio, 801 Irving Wick Dr., Heath, OH 43056

**Location:** Adjoins the property to the west



**Status:** This facility was listed a Small Quantity Generator (generates between 100 and 1,000 kg per month of hazardous wastes. Two enforcement actions and six violations were listed for this facility.

**4.3.7 FEDERAL INSTITUTIONAL AND ENGINEERING CONTROL SITES (FEDERAL IC/EC):  
EPA BROWNFIELD MANAGEMENT SYSTEM (BMS)**

This is a database designed to assist EPA in collecting, tracking and updating information, as well as reporting on the major activities and accomplishments of the various federal Brownfields grant programs.

The FirstSearch report identified no Federal IC/EC facilities on the property.

**4.3.8 EMERGENCY RESPONSE NOTIFICATION SYSTEM (ERNS)**

This is US EPA's database of emergency response actions. Data since January 2001 has been received from the National Response Center as the EPA no longer maintains this data.

The FirstSearch report identified no ERNS incidents on the property or adjoining properties.

**4.3.9 TRIBAL LANDS**

This is a database of areas with boundaries established by treaty, statute, and/or executive or court order, recognized by the Federal Government as territory in which American Indian tribes have primary government authority.

The FirstSearch report identified no Tribal Lands within a 1-mile radius of the property.

**4.3.10 OHIO/TRIBAL SITES LIST**

This is the Ohio Environmental Protection Agency (Ohio EPA) Division of Emergency and Remedial Response (DERR) database. It includes properties investigated by DERR for hazardous substances or petroleum, and includes Ohio's Voluntary Action Program (VAP) properties.

The FirstSearch report identified three DERR Database properties within a 1-mile radius of the property:

**Facility:** Newark AFB, 813 Irving Wick Dr. W., Heath, OH 43056

**Location:** To the west (this listing possibly relates to former corrective actions on the property)

**Facility:** Ramp Creek, N. of Irving Wick Dr, Heath, OH 43056

**Location:** To the northwest (this listing possibly relates to former Landfill 02 on the former NAFB)

**Facility:** Kaiser Aluminum and Chemical Corp., SR 79, Heath, OH 43056

**Location:** This facility was southeast of the property.





#### 4.3.11 OHIO SPILLS LIST (SPILLS)

This list represents a state database that records spills reported to the Ohio EPA from 1990 to present.

The FirstSearch report identified one Spills sites on the property or adjoining properties:

**Location:** Boeing Service Company, 761 Irving Wick Dr. W., Heath, OH

**Status:** Approximately 1.5 gallons of hydraulic oil was released into Ramp Creek in 2000.

#### 4.3.12 OHIO/TRIBAL SOLID WASTE FACILITIES LIST (SWL)

This state database lists known active and inactive solid waste disposal sites in the State of Ohio. The current portion of this list is updated and released annually by the Ohio EPA.

The FirstSearch report identified no SWL facilities within a ½-mile radius of the property.

#### 4.3.13 OHIO/TRIBAL LEAKING UNDERGROUND STORAGE TANK LIST (LUST)

The Ohio LUST list provides information on known leaking underground storage tank incidents and tank removal actions in the State of Ohio. LUST incidents in Ohio are regulated by the Bureau of Underground Storage Tank Regulations (BUSTR).

The FirstSearch report identified two LUST incidents within a ½-mile radius of the property:

**Incident:** Aerospace Guidance Metrology Center, 813 Irving Wick Dr. W., Heath, OH 43057

**Location:** Adjoins the property to the west

**Status:** Suspected or Confirmed Release from Regulated UST; No Further Action (NFA)

**Incident:** Aerospace Guidance Metrology Center, 813 Irving Wick Dr. W., Heath, OH 43057

**Location:** Adjoins the property to the west

**Status:** Closure of Regulated UST; NFA

#### 4.3.14 OHIO/TRIBAL UNDERGROUND STORAGE TANK LIST (UST)

The Ohio UST list provides the location of registered underground storage tanks.

The FirstSearch report identified one UST facility on the property or adjoining properties:

**Facility:** Aerospace Guidance Metrology Center, 813 Irving Wick Dr. W., Heath, OH 43057

**Location:** Adjoins the property to the west

**Status:** One 500-gallon fiberglass reinforced plastic UST is currently in use at this facility.

#### 4.3.15 STATE/TRIBAL EC/IC SITES

This is a listing of sites that have either an engineering or institutional control mandated by state or tribal authorities.

The FirstSearch report identified no State/Tribal IC/EC facilities on the property.

#### 4.3.16 STATE/TRIBAL VCP (VOLUNTARY CLEANUP PROGRAMS)

This database lists sites that have voluntarily submitted information to the inventory as part of the Site Assessment and Brownfield Revitalization Program (SABR).

The FirstSearch report identified one State/Tribal VCP facility within a ½-mile radius of the property:

**Facility:** Kaiser Aluminum and Chemical Corp., SR 79, Heath, OH 43056

**Location:** To the southeast

**Status:** This facility undergone Site Assessment, Remedial Response, Voluntary Action Program.

#### 4.3.17 OHIO/TRIBAL BROWNFIELD SITES

This database lists Ohio EPA and US EPA sites that have voluntarily submitted information to the inventory as part of the Site Assessment and Brownfield Revitalization Program.

The FirstSearch report identified no Brownfield facilities within a ½-mile radius of the property.

#### 4.3.18 OHIO/TRIBAL WASTE FACILITIES SUBSET LIST

This state database lists compost facilities, infectious waste facilities, scrap tire facilities, and transfer stations. This database also includes a historical Master Site Listing of hazardous waste inventory site.

The FirstSearch report identified two Waste Facilities Subset List sites within a ½-mile radius of the property:

**Site:** Newark AFB, 813 Irving Wick Dr. W., Heath, OH 43057

**Location:** On the property or adjoining the property to the west

**Status:** Active

**Site:** Ramp Creek, N. of Irving Wick Dr., Heath, OH 43055

**Location:** to the northwest

**Status:** Active



#### 4.3.19 NON-GEOCODED SITES

FirstSearch provides a listing of sites that could not be located and mapped by a street address, but were within the postal zip code of the property area.

The FirstSearch report identified ten (10) non-geocoded sites. These sites included one RCRA CORRACTS facility, one federal IC/EC facility, three state DERR database facilities, two LUST incidents, and three listings for the unknown contacts of the Bureau of Indian Affairs. The Bureau of Indian Affairs was non-geocoded because there are no reported tribal lands in Ohio.

GCI assessed the approximate locations of the non-geocoded sites using information in the FirstSearch report, street maps for Licking County, and the Licking County Auditor's website. The approximate locations of the non-geocoded sites appeared to be beyond the respective ASTM-designated database search radius distance from the subject property except for the following:

**Database:** Federal IC/EC facility

**Facility:** Newark Air Force Base, Irving Wick Dr., Heath, OH 43056

**Location:** Possibly on the property

This facility was listed with a covenant for the control of groundwater use. This action was completed in 2002.

**Database:** State DERR database facility

**Facility:** Newark Storage Annex, James Parkway, Heath, OH 43056

**Location:** Unknown; however, James Parkway adjoined the eastern side of the property.

#### 4.4 ADDITIONAL RECORD SOURCES

The following subsections describe information obtained from governmental agencies directly contacted by GCI to provide information relative to the property. Copies of the information records are included in Appendix C of this report.

##### 4.4.1 HEALTH DEPARTMENT INQUIRY

GCI requested the Licking County Health Department to provide information pertaining to permits, septic tanks, wells, landfills, complaints, violations, or commonly known information at the property. Ms. Rochelle Piper indicated they had US EPA and Ohio EPA files for the property; however, they had no records for the property that were exclusive for them.

##### 4.4.2 US EPA, OHIO EPA AND USAF RECORDS REVIEW

GCI reviewed information from these agencies as noted previously in section 4.2.1 of this report.



## **5.0 INFORMATION FROM SITE RECONNAISSANCE AND INTERVIEWS**

The following subsections provide information from observations on the property and interviews indicating a likelihood of identifying recognized environmental conditions concerning the property. Copies of photographs taken during the site reconnaissance are provided in *Appendix D*.

### **5.1 ENVIRONMENTAL PROFESSIONAL, DATE AND WEATHER CONDITIONS**

Michael Lacher of GCI performed a site reconnaissance during the morning on October 23, 2009. Weather conditions at that time included a light rain with cloudy skies and the temperature at approximately 65°F.

### **5.2 METHODOLOGY**

This subsection provides the method used by the environmental professional(s) to conduct the site reconnaissance for this report (e.g., systematic approaches used in observing the property exterior or building interior).

GCI observed the property by walking the perimeter and across the central portion.

### **5.3 LIMITING CONDITIONS OF THE SITE RECONNAISSANCE**

This subsection describes conditions present during the site reconnaissance that limited observations, such as bodies of water, vegetation coverage, structures, snow, etc.

There were no apparent limiting conditions evident during the site reconnaissance.

### **5.4 CURRENT USES OF THE PROPERTY**

The property was vacant and did not appear to be in use.

### **5.5 DESCRIPTIONS OF STRUCTURES, ROADS AND OTHER IMPROVEMENTS ON THE PROPERTY**

This subsection describes buildings, pavements, utilities, heating and cooling systems, drains, sumps, pits, ponds, lagoons, etc.

No buildings were on the property. The property generally comprised a grassy landscaped area. A fence was along the western part of the property. Surface markers for a buried water line were on the western part of the property. Several groundwater monitoring wells were observed randomly across the property. An area of exposed soil was on the southern part of the property. The exposed soil was in the area of the former shed as seen on the 2008 aerial photograph. GCI did not observe pavements, drains, sumps, pits, ponds, or lagoons present on the property.

### **5.6 PAST USES OF THE PROPERTY**

This subsection describes past uses of the property by means of visual observations only.

Past uses of the property were not readily evident by observing the property.

### **5.7 CURRENT AND PAST USES OF ADJOINING PROPERTIES**

This subsection describes current and past uses of adjoining properties that were evident when viewed from the subject property. Adjoining properties are considered those properties that border contiguous or partially contiguous to the property, and that would be contiguous or partially contiguous with the property, but are separated by a street or other public thoroughfare.

The Central Ohio Aerospace & Technology Center adjoined the western side of the property. Several detached storage buildings/sheds for the central Ohio Aerospace & Technology Center directly adjoined the western property boundary.

Grassy areas and entry driveways to the Central Ohio Aerospace & Technology Center were north and south of the property.

James Parkway, a recently constructed roadway, was east of the property. East of James Parkway was a soybean field.

An apparent industrial facility for Kaiser Aluminum was southeast of the property.

### **5.8 STORAGE TANKS**

This subsection describes identified aboveground and underground storage tanks (ASTs/USTs), or possible vent pipes, fill pipes or access ways generally associated with storage tanks, if any, on the property.

GCI did not observe signs of USTs or ASTs at the property.

### **5.9 POTENTIAL HAZARDOUS SUBSTANCES OR PETROLEUM AND IDENTIFIED USES**

This subsection describes identified potential hazardous substances, petroleum products, and their respective containers and uses, if any, beyond the storage tanks previously discussed in Section 5.8. Additionally, treatment, storage, disposal of hazardous substances or petroleum products, stressed vegetation, and identifiable stains, slicks, spills, pools of liquid, etc., if any, are discussed.

GCI did not observe signs of hazardous substances or petroleum currently at the property. Several groundwater monitoring wells at the property indicated that groundwater monitoring continued at the property.

### **5.10 INDICATIONS OF POLYCHLORINATED BIPHENYLS (PCBs)**

PCBs belong to the broad family of organic compounds known as chlorinated hydrocarbons. They were manufactured approximately between the years 1927 to 1977 and used in various products until about 1979.

GCI did not observe signs of potential PCB-containing materials on the property.



### **5.11 INDICATIONS OF SOLID WASTE**

This subsection describes solid waste at the property.

GCI did not observe signs of solid waste on the property.

### **5.12 PHYSICAL SETTING ANALYSIS**

This subsection describes observations at the property of topographic conditions in conjunction with information provided in § 4.1 *Physical Setting*. This information aids in providing an analytical approach to approximate possible migratory pathways of hazardous substances or petroleum products into soil and groundwater, which could impact the property or impact other properties from the property.

Ground surface elevations in the area immediately surrounding the property decreased to the north or northeast toward Ramp Creek, which was approximately 700 feet north of the property. Groundwater within a shallow aquifer (e.g., groundwater in soil, sand and/or gravel layer) typically mimics the drop in regional ground surface elevation, and therefore is likely to flow northerly or easterly. Previous assessments of the property by others indicated the groundwater flow at the property is to the northeast.

### **5.13 INTERVIEWS**

This subsection documents interview information between GCI's representative and property manager(s), representative(s), occupant(s) and/or owner(s), either at the property, or by telephone or mail (see § 4.0 *Records Review* for interviews with governmental agencies).

The purpose of interviews is to obtain information in good faith regarding current and past uses of the property, and whether the interviewee(s) had knowledge of the existence of RECs at the property.

The current owner of the property was listed as the United States of America. GCI reviewed several documents relating from past environmental assessments of the property the United States Air Force Real Property Agency Administrative Records website<sup>5</sup>.

## **6.0 DATA GAPS, DATA FAILURES, AND DEVIATIONS**

This section describes the lack of, or inability to obtain, information required by this practice despite good faith efforts. This section also lists deviations from the ASTM practice, if any.

GCI believes there were no data gaps or data failures of historic research, interviews, or requested information (as defined in ASTM E 1527-05 Section 3.2.19 and Section 3.2.20) that would result in altering our findings, opinions, and conclusions listed below. It is important to note that unexpected conditions may arise on any property. Identifying such conditions may not be attainable through the scope and limitations of ASTM practice E 1527-05.

<sup>5</sup> <https://afrrpaar.lackland.af.mil/ar/docsearch.aspx>

In our opinion, there were no major deviations in this report from ASTM practice E 1527-05. GCI was unaware of minor deviations from the scope and limitations of ASTM practice E 1527-05.

## **7.0 FINDINGS, OPINIONS, AND CONCLUSIONS**

---

GCI performed a Phase I ESA in substantial conformance with the scope and limitations of ASTM Practice E 1527-05 of the property. Any exceptions to, or deletions from, this practice are described in Section 6.0 of this report.

The former Newark Air Force Station or Newark Air Force Base (NAFB) was constructed on approximately 70-acres beginning in the early 1950s on previously undeveloped agricultural land. The former NAFB historically operated as a facility for the calibration, repair, and engineering of aircraft and missile systems. In 1993, the United States Air Force (USAF) decided to transfer the NAFB's mission to private contractors (Rockwell International and Wyle Laboratories), which was completed in 1996. In 1996, a 57-acre parcel of the former NAFB was acquired by the Heath-Newark-Licking County Port Authority. In 2003, the Licking County Air Port Authority acquired a 13-acre parcel of the former NAFB. The subject 0.76± acre property is latest parcel to be acquired by Heath-Newark-Licking County Port Authority from the USAF.

The property previously contained five buildings built between 1978 and 1990. They were demolished between 1990 and 2008. Four of the former buildings on the property were used for the storage of hazardous wastes and road salt. One of the former buildings was used a shop building.

The Phase I ESA has revealed no evidence of recognized environmental conditions in connection with this property except for the following:

- A release of hazardous substances occurred into the ground at the property, resulting in soil and groundwater impacts. A number of previous assessments of the release were conducted and remediation activities were undertaken. The remediation activities included vapor extraction, in-situ bioremediation through vegetable oil injection, monitored natural attenuation, and soil excavation. Contamination is still present in soil and groundwater, and the groundwater impact is currently undergoing a monitoring program.

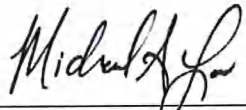


## **8.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS**

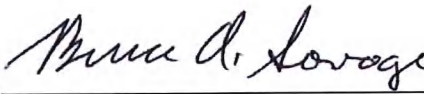
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GCI personnel responsible for this report declare that to the best of our professional knowledge and belief, GCI personnel responsible for this report meet the definition of Environmental Professional (EP) as defined in §312.10 of 40 CFR Part 312. GCI personnel responsible for this report have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

*Prepared by:*

  
\_\_\_\_\_  
Michael A. Lacher, EP  
Project Geologist

*Reviewed by:*

  
\_\_\_\_\_  
Bruce A. Savage, CP, EP  
Principal – Director Environmental Services

## **9.0 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS PARTICIPATING IN THE PHASE I ENVIRONMENTAL ASSESSMENT**

---

The following pages provide resumes of the environmental professionals participating in the development of this Phase I ESA report.





**Michael A. Lacher, EP**  
**Project Geologist**

- **Education:**  
B.A. Geology – Wittenberg University, Springfield, OH (1996)
- **Active Registrations & Certifications:**  
National Ground Water Association (2003)  
OSHA 40-hour Hazardous Waste Operations (1999)  
OSHA 8-hour Hazardous Waste Operations Supervisor (2002)  
CPN Certified for use of nuclear density testing equipment (1997)  
ORMCA Certified Concrete Technician (1998)
- **Experience & Qualifications:**  
Experience includes over ten years of project management, preparation of Phase I and Phase II environmental site assessments, environmental drilling and sampling, UST closures and remediation of UST sites, wetland assessments, and contaminant plume fate and transport assessment. Mr. Lacher has successfully obtained multiple no further action (NFA) letters from Ohio's regulatory agency for UST projects on behalf of his clients.

Mr. Lacher has provided geoenvironmental and geotechnical consulting on a wide range of projects including multi-story office buildings, retail centers, industrial and warehouse facilities, educational institutes, automotive service centers and dealerships, gasoline stations, and multi-family residential developments.

Since joining GCI in 1997, Mr. Lacher has provided environmental consulting and due diligence for projects throughout Ohio, Pennsylvania, New York, Michigan, West Virginia, and Indiana. Mr. Lacher has been responsible for the management of over 500 environmental assessments and meets the Environmental Professional criteria designation as defined by U.S. EPA's All Appropriate Inquiry legislation and ASTM Practice E1527-05.

**Selected Projects:**

- Chase Foundry, Columbus, OH
- Hondros College, Dayton, OH
- Alliance Data, Whitehall, OH
- Pioneer Career & Technology Center, Shelby, OH
- Southwest Square Shopping Center, Columbus, OH
- Dayton Abrasives Plant, Dayton, OH
- Eastland Mall, Columbus, OH
- Selkirk Metalbestos, Logan, OH
- Grandview Yard, Grandview Heights, OH
- Segna Motors, Worthington, OH



**Bruce A. Savage, C.P.**  
**Principal, Director of**  
**Environmental Services**

- **Education:**  
1983 BS Geology & Mineralogy, The Ohio State University  
1985 MS Geology, University of Cincinnati
- **Active Registrations / Certifications:**  
2003-present Ohio EPA Voluntary Action Program (VAP) Certified Professional (C.P. 265)  
1991-present OSHA 40-Hr. Hazardous Waste Operations ("HAZWOPER")

Mr. Savage is qualified as an Environmental Professional as defined by U.S. EPA's All Appropriate Inquiry legislation, and by ASTM Practice E1527-05.

- **Experience & Qualifications:**  
Mr. Savage's experience includes geo-environmental project management including subsurface contaminant investigation, Phase I and II environmental site assessments (ESAs), ground water investigations, soil and ground water remediation and geologic consultation. Mr. Savage has successfully completed four VAP No Further Action (NFA) Letters for his clients, and obtained three Covenants-Not-to-Sue (CNS) from Ohio EPA.

With over 20 years experience as a professional geologist, Mr. Savage's project experience includes numerous conversions of former industrial properties into new commercial and residential developments, wastewater facility site characterizations; numerous underground storage tank (UST) closures resulting in regulatory NFA letters, and contaminated soil and ground water investigations. These projects utilized a variety of investigation and cleanup techniques, ranging from soil borings to ground water monitoring wells, soil gas sampling, soil/sediment/surface water sampling, ground water treatment and bio-enhancement, soil vapor investigations, and excavation and disposal of contaminated soils.

Mr. Savage has performed, overseen and/or served as lead technical reviewer of numerous Phase I ESAs of commercial, industrial, agricultural and residential properties. Since joining GCI in 1989, Mr. Savage has been responsible for supervising and conducting geo-environmental studies for projects throughout the Midwest, New England, the Southeast and several Western U.S. sites. In addition to being responsible at GCI for overall supervision of all geo-science staff, Mr. Savage also is a leader with GCI's business development and marketing teams.

Mr. Savage is been active with ASFE - The Best People on Earth, the Society for Marketing Professional Services (SMPS), and the Institute of Brownfield Professionals (IBP).

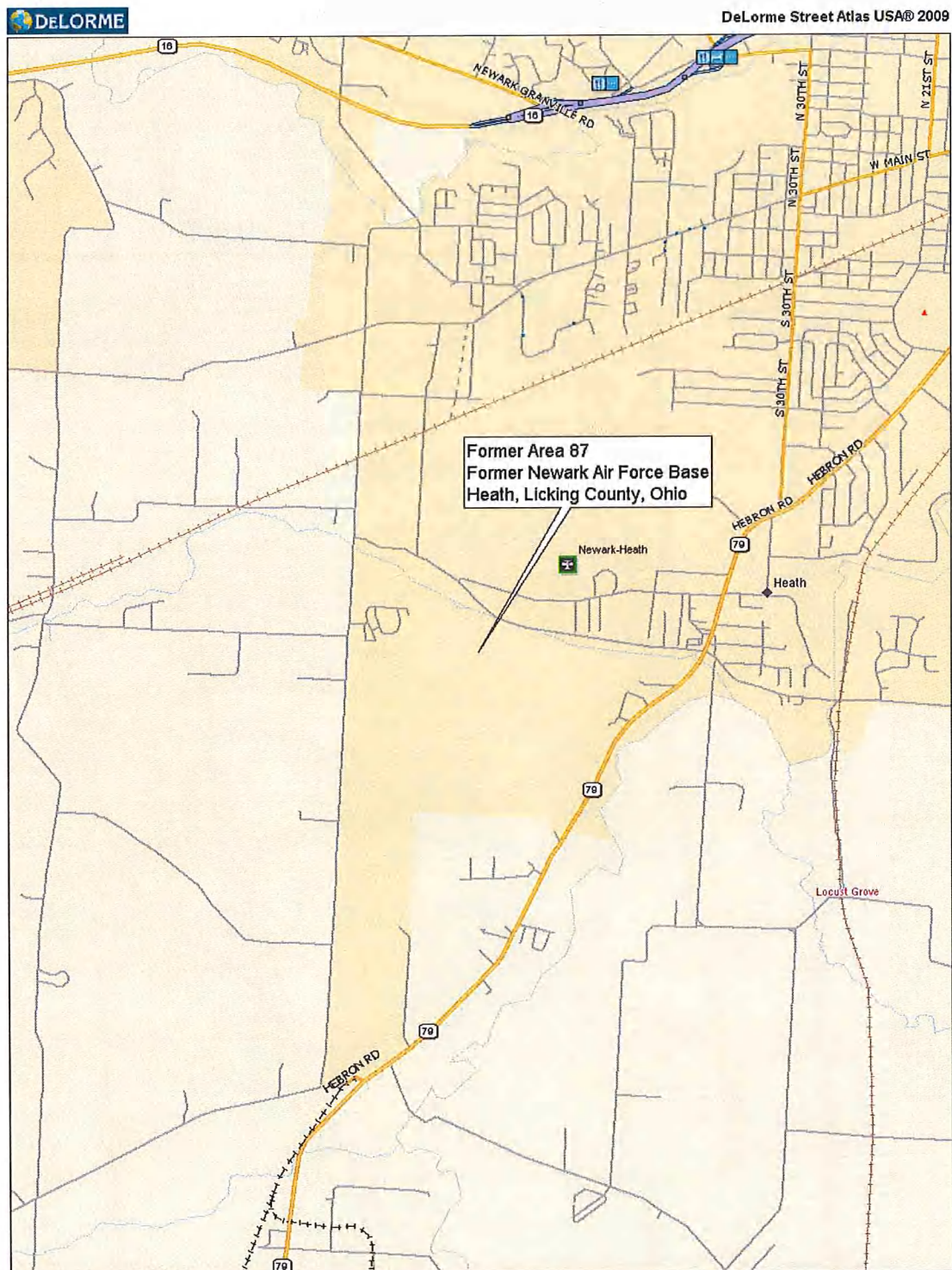
- **Project Experience Snapshot:**
  - Grandview Yard Development, Nationwide Realty Investors, Grandview Heights, Ohio – Numerous Phase I and Phase II ESAs, asbestos and hazardous materials surveys
  - Former CSX Property, M/I Homes, Powell, Ohio – Voluntary Action Program (VAP) investigation resulting in CNS
  - Graceland Shopping Center, CASTO, Columbus, Ohio – VAP investigation resulting in CNS
  - Nationwide Children's Hospital, Columbus, Ohio – Numerous Phase I and Phase II ESAs, and asbestos surveys
  - Harrisburg Pike Shopping Center, Kin Properties, Columbus, Ohio - Voluntary Action Program (VAP) investigation and cleanup resulting in CNS
  - Advanced Auto Parts, numerous locations – Phase I and Phase II ESAs

720 GREENCREST DRIVE • WESTERVILLE, OHIO 43081-4902 • 614-895-1400 • FAX 614-895-1171  
[www.gci2000.com](http://www.gci2000.com)

# **APPENDIX A**

## **MAPS AND PHYSICAL SETTINGS INFORMATION**

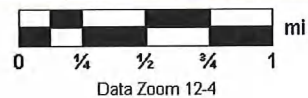




Data use subject to license.

© DeLorme, DeLorme Street Atlas USA® 2009.

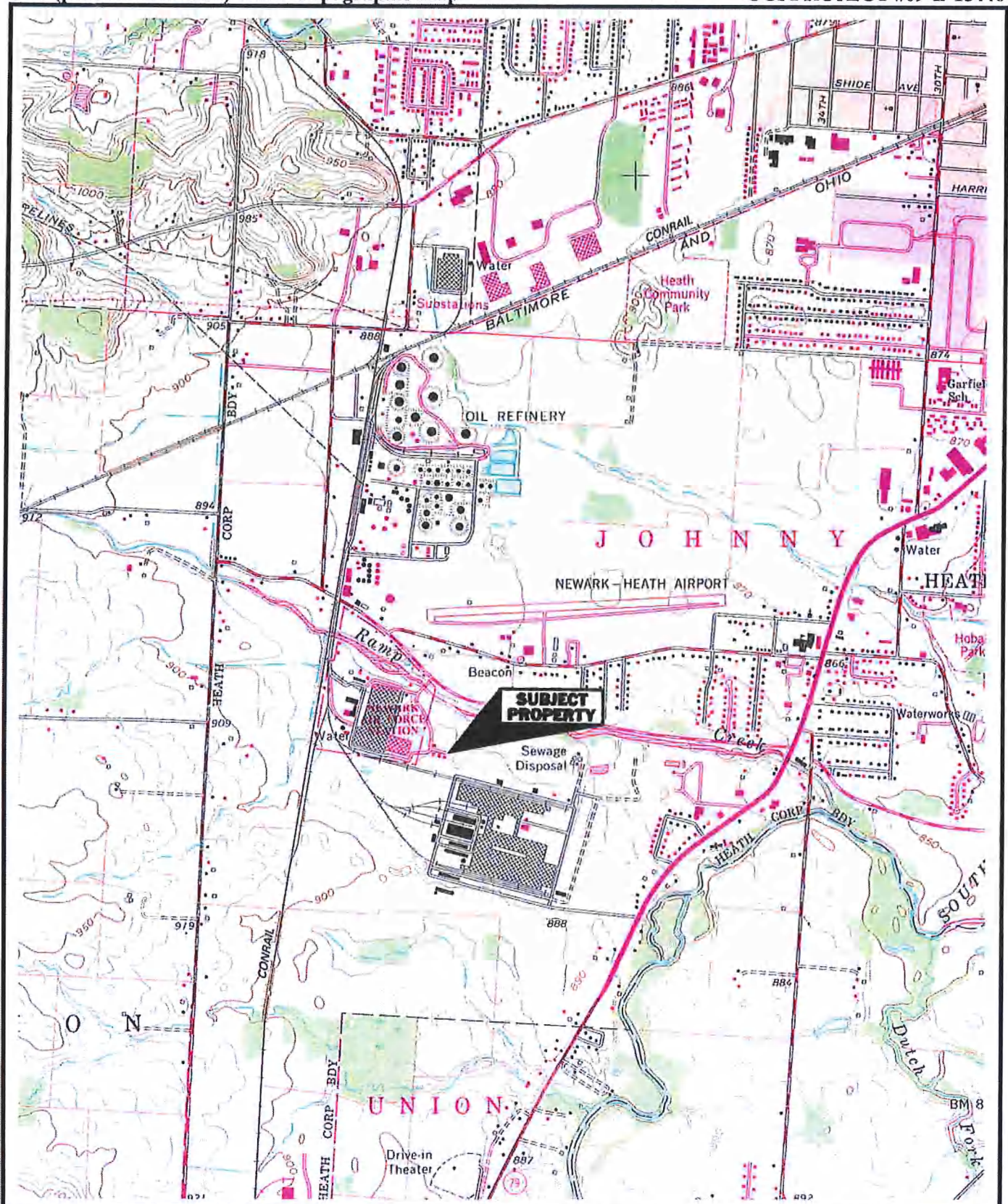
www.delorme.com



Former Facility 87 Area (Parcel 1.b)  
Former Newark Air Force Base  
Heath, Licking County, Ohio







North

Former Facility 87 Area (Parcel 1.b)  
Former Newark Air Force Base  
Heath, Licking County, Ohio







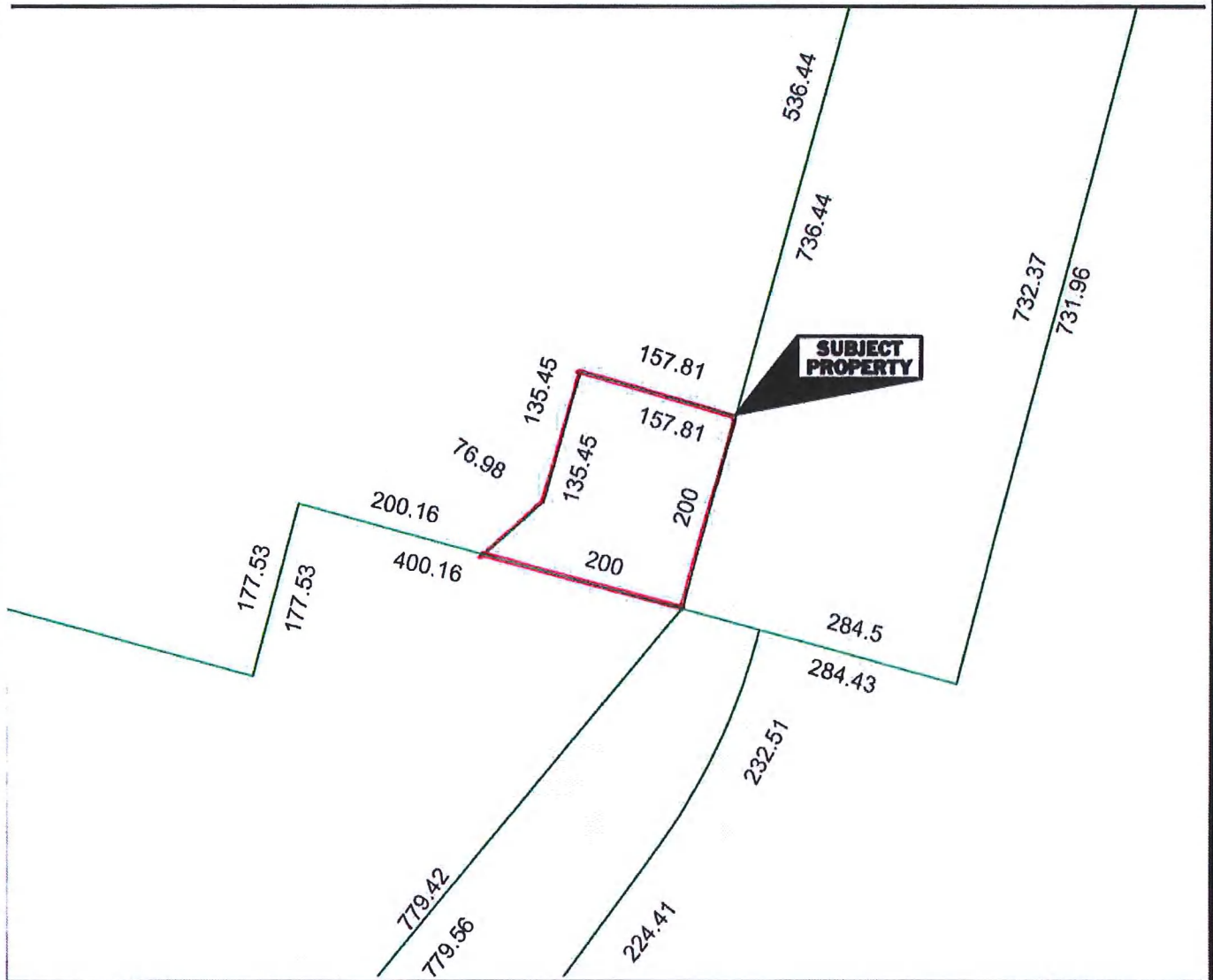
600 ft  1 : 7500



North

Former Facility 87 Area (Parcel 1.b)  
Former Newark Air Force Base  
Heath, Licking County, Ohio





100 ft  1 : 2000



North

Former Facility 87 Area (Parcel 1.b)  
Former Newark Air Force Base  
Heath, Licking County, Ohio



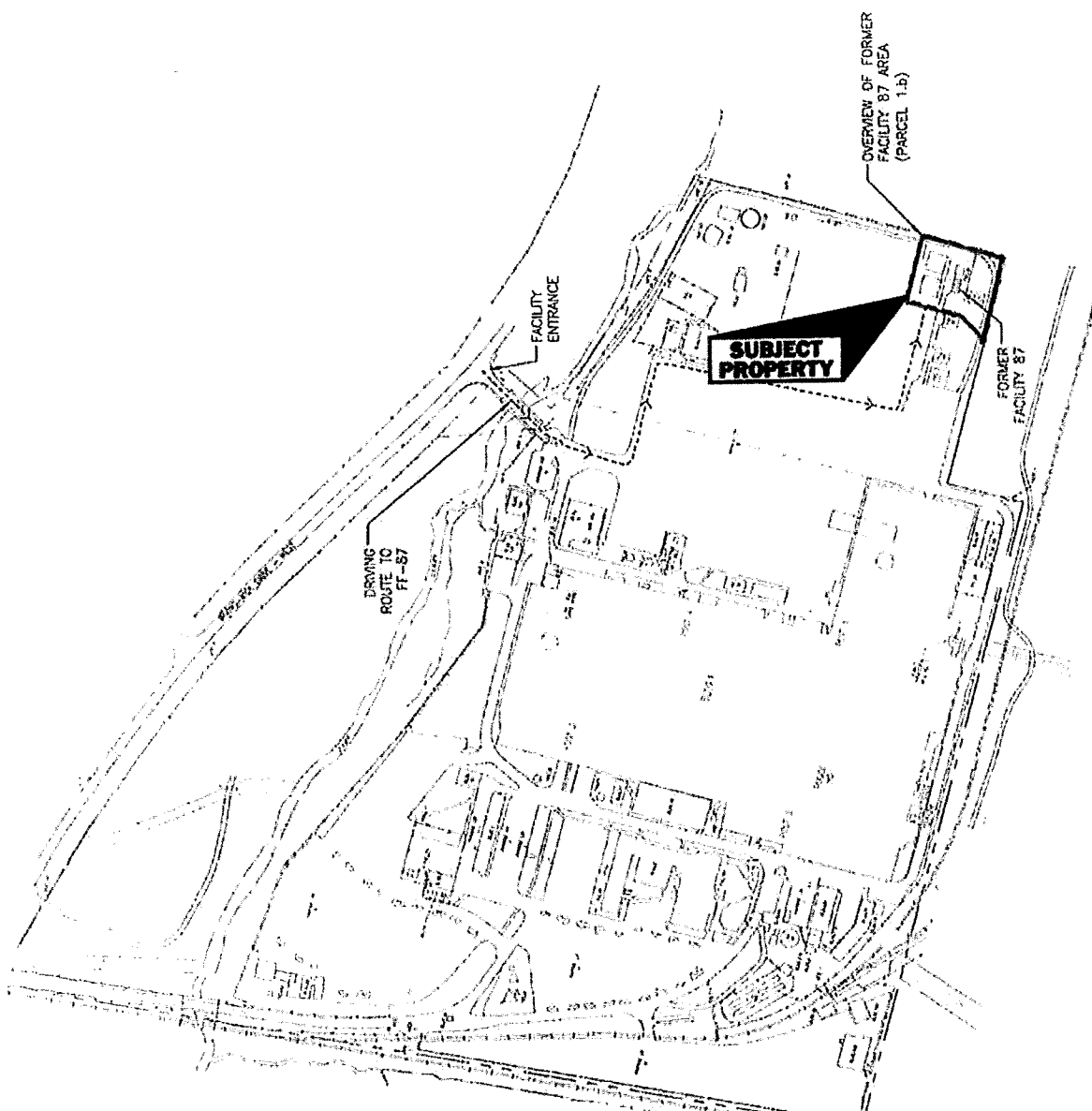


FIGURE 1.2

**FORMER NEWARK AIR  
FORCE BASE LAYOUT**

Former Facility 87  
Former Newark AFB, Ohio

**PARSONS**



North

Former Facility 87 Area (Parcel 1.b)  
Former Newark Air Force Base  
Heath, Licking County, Ohio





## Well Log Number

Ohio Department of Natural Resources  
Division of Water, 2045 Morse Road, Columbus, Ohio 43229-6605  
Voice (614) 265-6740 Fax (614) 265-6767

2021129

Page 1 of 1 for this record.

[illegible]

Completion of this form is required by section 1521.05, Ohio Revised Code - file within 30 days after completion of drilling.  
Distribute copies of this record to Customer, and Local Health Department.

Page 1 of 1 for this record.

Completion of this form is required by section 1521.05, Ohio Revised Code - file within 30 days after completion of drilling.  
Distribute copies of this record to Customer, and Local Health Department.



Completion of this form is required by section 1521.05, Ohio Revised Code - file within 30 days after completion of drilling.  
Distribute copies of this record to Customer, and Local Health Department.

## Well Log Number

Ohio Department of Natural Resources  
Division of Water, 2045 Merse Road, Columbus, Ohio 43229-6605  
Voice (614) 265-6740 Fax (614) 265-6767

2021134

Page 1 of 1 for this record.

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Completion of this form is required by section 1521.05, Ohio Revised Code - file within 30 days after completion of drilling.  
Distribute copies of this record to Customer, and Local Health Department.



## Well Log Number

DNR 7802.05e

Ohio Department of Natural Resources  
Division of Water, 2045 Morse Road, Columbus, Ohio 43229-6605  
Voice (614) 265-6740 Fax (614) 265-6767

2021135

Page 1 of 1 for this record.

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Completion of this form is required by section 1521.05, Ohio Revised Code - file within 30 days after completion of drilling.  
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Page 1 of 1 for this record.

Completion of this form is required by section 1521.05, Ohio Revised Code - file within 30 days after completion of drilling.  
Distribute copies of this record to Customer, and Local Health Department.



# WELL LOG AND DRILLING REPORT

Ohio Department of Natural Resources  
Division of Water, 2045 Morse Road, Columbus, Ohio 43229-6605  
Voice (614) 265-6740 Fax (614) 265-6767

Well Log Number

2021138

Page 1 of 1 for this record.

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## Page 1 of 1 for this record

Completion of this form is required by section 1521.05, Ohio Revised Code - file within 30 days after completion of drilling.  
Distribute copies of this record to Customer, and Local Health Department.

Completion of this form is required by section 1521.05, Ohio Revised Code - file within 30 days after completion of drilling  
Distribute copies of this record to Customer, and Local Health Department.

# WELL LOG AND DRILLING REPORT

ORIGINAL

L-23

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

No 282263

County Licking Township North Licking Newark  
Owner Mr. Conn Address Newark, O  
Location of property 1 1/4 mi. west of R. 79 on Co. R. 207 on the right side  
from Green house

## CONSTRUCTION DETAILS

Casing diameter 8 in Length of casing 100  
Type of screen Per Length of screen 3 ft  
Type of pump Sub  
Capacity of pump 84 g.p.m.  
Depth of pump setting 78 ft  
Date of completion March 26, 1962

## BAILING OR PUMPING TEST

Pumping Rate 84 G.P.M. Duration of test 8 hrs.  
Drawdown 20 ft. Date March 29, 1962  
Static level-depth to water 20 ft.  
Quality (clear, cloudy, taste, odor).....  
Pump installed by Plotter & Linder

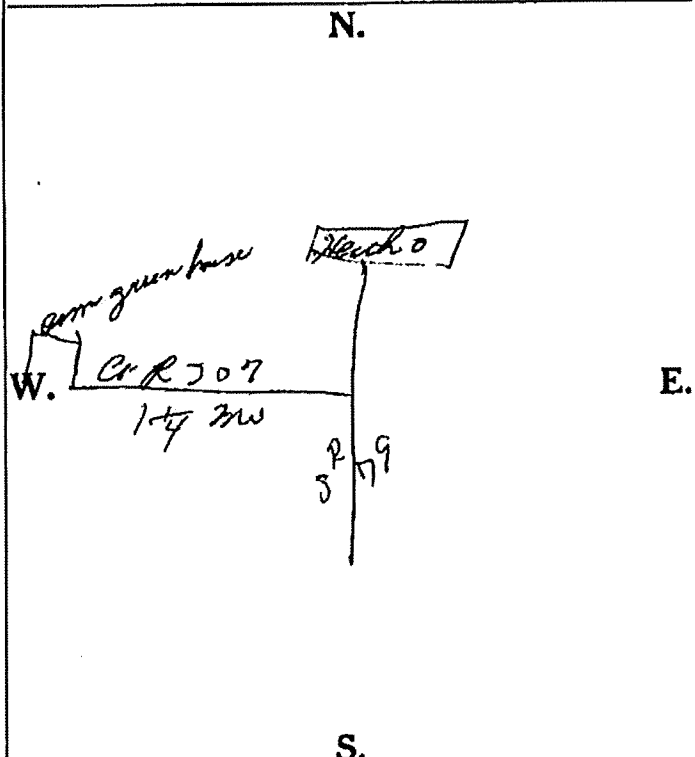
## WELL LOG

Formations Sandstone, shale, limestone, gravel and clay	From	To
<u>sand</u>	<u>26</u>	<u>35</u>
<u>clay</u>	<u>35</u>	<u>39</u>
<u>sand</u>	<u>39</u>	<u>52</u>
<u>clay</u>	<u>52</u>	<u>78</u>
<u>sand</u>	<u>78</u>	<u>98</u>
<u>gravel</u>	<u>98</u>	<u>100</u>

#100+

## SKETCH SHOWING LOCATION

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



See reverse side for instructions

Drilling Firm Plotter & Linder

Date March 26, 1962

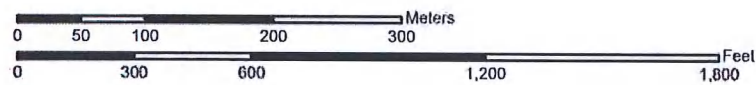
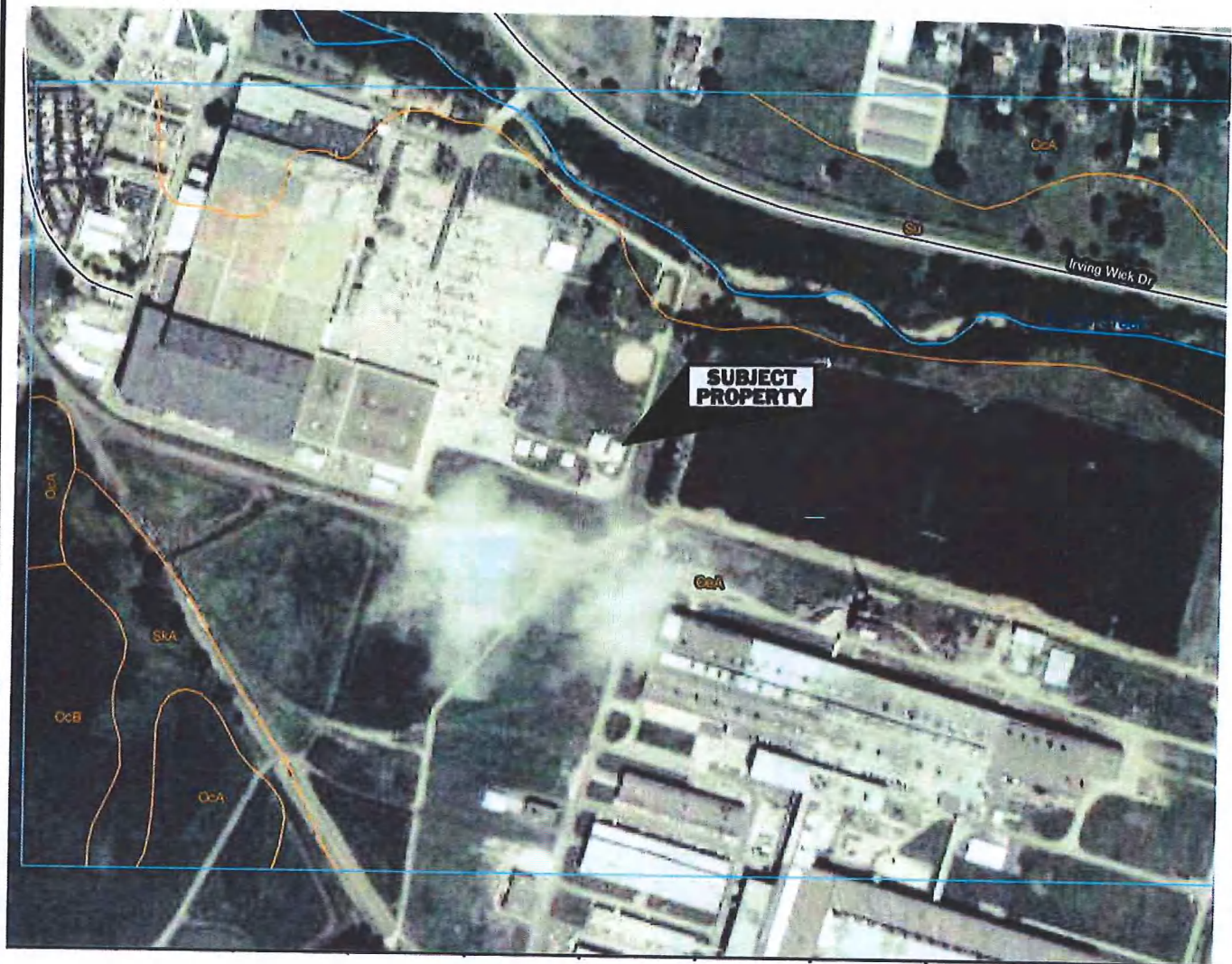
Address Plotter & Linder

Signed Plotter & Linder

Plotted in Newark  
Twp

166





North

Former Facility 87 Area (Parcel 1.b)  
Former Newark Air Force Base  
Heath, Licking County, Ohio





## Licking County, Ohio

### OeA—Ockley-Urban land complex, 0 to 3 percent slopes

#### Map Unit Setting

*Elevation:* 400 to 1,000 feet

*Mean annual precipitation:* 35 to 45 inches

*Mean annual air temperature:* 46 to 54 degrees F

*Frost-free period:* 130 to 180 days

#### Map Unit Composition

*Ockley and similar soils:* 45 percent

*Urban land:* 35 percent

*Minor components:* 5 percent

#### Description of Ockley

##### Setting

*Landform:* Flats on terraces

*Landform position (three-dimensional):* Tread

*Down-slope shape:* Linear

*Across-slope shape:* Linear

*Parent material:* Silty loess derived from interbedded sedimentary rock over calcareous, wisconsinan loamy outwash derived from interbedded sedimentary rock

##### Properties and qualities

*Slope:* 0 to 3 percent

*Depth to restrictive feature:* More than 80 inches

*Drainage class:* Well drained

*Capacity of the most limiting layer to transmit water (Ksat):* Moderately high to high (0.60 to 2.00 in/hr)

*Depth to water table:* More than 80 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Calcium carbonate, maximum content:* 30 percent

*Available water capacity:* Moderate (about 7.3 inches)

##### Typical profile

*0 to 10 inches:* Silt loam

*10 to 19 inches:* Silty clay loam

*19 to 56 inches:* Clay loam

*56 to 80 inches:* Very gravelly sand

#### Minor Components

##### Westland

*Percent of map unit:* 5 percent

*Landform: Draws*

## **Data Source Information**

Soil Survey Area: Licking County, Ohio  
Survey Area Data: Version 8, Mar 6, 2009



# **APPENDIX B**

## **OWNERSHIP AND HISTORICAL INFORMATION**

Licking County Recorder's Stamp

QUITCLAIM DEED

I. PARTIES

THIS DEED is made and entered into this \_\_\_\_\_ day of \_\_\_\_\_, 2009 by and between THE UNITED STATES OF AMERICA, acting by and through the Secretary of the Air Force, under and pursuant to the powers and authority contained in the Defense Base Closure and Realignment Act of 1990 as amended (10 U.S.C. Section 2687 note) "DBCRA", and delegations and regulations promulgated thereunder (the "Grantor"), and the HEATH-NEWARK-LICKING COUNTY PORT AUTHORITY, whose tax mailing address is 851 Irving-Wick Drive W, Heath, Ohio 43056, the Department of Defense recognized Local Redevelopment Authority for former Newark AFB, Ohio, situated in Licking County, Ohio (the "Grantee"). (Unless the context otherwise specifically provides, when used in this Deed, "Grantor" includes the assigns of the Grantor and "Grantee" includes the successors and assigns of the Grantee.)

This Deed is being made pursuant to an Economic Development Conveyance pursuant to the DBCRA and it conveys approximately 0.758 acres of land in the City of Heath, County of Licking, State of Ohio, as described in Section II below.

II. CONSIDERATION AND CONVEYANCE

KNOW ALL MEN BY THESE PRESENTS, that the Grantor, in consideration of TEN DOLLARS (\$10.00) to it paid by the Grantee, the receipt of which is hereby acknowledged, does hereby remise, release, and forever quitclaim to the Grantee the following described premises in the City of Heath, County of Licking, and State of Ohio, and all the estate, title, and interest of the Grantor, either in law or in equity, of, in, and to the same premises more particularly described as follows:

Situated in the State of Ohio, County of Licking, Township of Newark, City of Heath, and being a part of Lot #4, in the Second Quarter, Township-1-N, Range-12-W, United States



Military Lands, and being all of the parcels conveyed to the United States of America as recorded in Deed Book 731 Page 685, all references being to those of record in the Recorder's Office, Licking County, State of Ohio, said 0.758 acres being more particularly bounded and described as follows:

Beginning for reference at an iron pin found marking station 20+33.55, 50.00 feet right of a survey made of the centerline of Irvingwick Drive West and recorded in Plat Book 9 Page 10;

thence with the east right-of-way line of the Conrail Railroad South 04°30'40" West, a distance of 2004.11 feet to a concrete monument found, thence leaving said right-of-way line South 80°28'26" East, a distance of 1621.77 feet to a concrete monument found;

thence North 09°18'38" East, a distance of 177.53 feet to a point, passing over a concrete monument found at 172.44 feet, thence South 80°43'00" East, a distance of 200.16 feet to an iron pin set, said point being the southwest corner and the True Point of Beginning for the following described 0.758 acre parcel;

thence with what represents new lines through said parcel the following three (3) courses and distances;

- 1) North 41°55'54" East, a distance of 76.98 to an iron pin set;
- 2) North 09°42'23" East, a distance of 135.45 feet to an iron pin set, said point being the northwest corner of the parcel herein to be described;
- 3) South 80°37'12" East, a distance of 157.81 feet to an iron pin set in the westerly line of parcels conveyed to The Kaiser Aluminum & Chemical Corporation as recorded in Deed Book 413 Page 188, said point being the northeast corner of the parcel herein to be described;

thence with said line the following two (2) courses and distances;

- 1) South 09°22'48" West, a distance of 200.00 feet to a concrete monument found, said point being the southeast corner of the parcel herein to be described;
- 2) North 80°43'00" West, a distance of 200.00 to the True Point of Beginning, and containing 0.758 acres, more or less, according to a survey made by Jobes Henderson & Associates, Inc., during June, 1996.

The bearings in the above description are based upon the centerline of Irvingwick Drive West as delineated in Plat Book 9 Page 10 in the Licking County Recorder's Office;

All iron pins set are 5/8" in diameter by 30" in length with red surveyors identification caps marked "J & H, P.S. 6878".

Subject to all valid and existing easements, restrictions, and conditions of record.

### III. APPURTENANCES

TOGETHER WITH all the buildings and improvements erected thereon, except for monitoring wells, treatment wells, and treatment facilities and related piping, if any, and all and singular the tenements, hereditaments, appurtenances, and improvements hereunto belonging, or in any wise appertaining which, together with the real property above described, is called the "Property" in this Deed.

### IV. EXCEPTIONS

EXCEPTING THEREFROM any and all rights and interest the Grantor may have in or to any geothermal resources in, on, or under the Property, together with the right to take and recover possession of the same, and to enter upon the Property for the purpose of exploring for, mining, drilling for, extracting, producing, transporting or marketing the same or any portion thereof in any manner not inconsistent with the use for which the Property is conveyed.

### V. RESERVATIONS

That certain Easement and Right of Access described in Section VII. E below.

### VI. CONDITION

A. The Grantee agrees to accept conveyance of the Property subject to all existing covenants, conditions, restrictions, easements, rights-of-way, reservations, rights, agreements, and encumbrances, whether or not of record.

B. The Grantee acknowledges that it has inspected, is aware of, and accepts the condition and state of repair of the Property, and that the Property is conveyed, "as is," "where is" without any representation, promise, agreement, or warranty on the part of the Grantor regarding such condition and state of repair, or regarding the making of any alterations, improvements, repairs, or additions. The Grantee further acknowledges that the Grantor shall not be liable for any latent or patent defects in the Property, except to the extent required by applicable law.

### **VII. NOTICES, DESCRIPTION, ACCESS RIGHTS, AND COVENANTS FOR SECTION 120(h)(3) OF THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION AND LIABILITY ACT (CERCLA) (42 U.S.C. § 9620(h)(3))**

#### **A. Property Covered by Notices, Description, Access Rights, and Covenants Made Pursuant to Section 120(h)(3)(A) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (42 U.S.C. § 9620(h)(3)(A)):**

For the Property, the Grantor provides the following notices, description, and covenants and retains the following access rights:

**B. Notices Pursuant to Section 120(h)(3)(A)(i)(I) and (II) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (42 U.S.C. § 9620(h)(3)(A)(i)(I) and (II)):**

Pursuant to section 120(h)(3)(A)(i)(I) and (II) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (42 U.S.C. § 9620(h)(3)(A)(i)(I) and (II)), notice is hereby provided that unknown quantities of trichloroethene (TCE) [CAS 79-01-6]; 1,2-Dichloroethene (1,2-DCE) [CAS 540-59-0]; vinyl chloride (VC) [CAS 75-01-4]; 1,1,1-trichloroethane (1,1,1-TCA) [71-55-6]; 1,1-dichloroethane (1,1-DCA) [CAS 75-34-3]; and chloroethane [CAS 75-00-3] were released on the Property between 1977 and 1988.

**C. Description of Remedial Action Taken, if Any, Pursuant to Section 120(h)(3)(A)(i)(III) of Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (42 U.S.C. § 9620(h)(3)(A)(i)(III)):**

Pursuant to Section 120(h)(3)(A)(i)(III) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (42 U.S.C. § 9620(h)(3)(A)(i)(III)), notice is provided that remedial actions consisting of the excavation and disposal of soil, bioremediation, soil vapor extraction and monitored natural attenuation have been taken on the Property.

**D. Covenant Pursuant to Section 120(h)(3)(A)(ii) and (B) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (42 U.S.C. § 9620(h)(3)(A)(ii) and (B)):**

Pursuant to Section 120(h)(3)(A)(ii) and (B) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (42 U.S.C. § 9620(h)(3)(A)(ii) and (B)), the United States warrants that --

1. all remedial action necessary to protect human health and the environment with respect to any hazardous substance identified pursuant to Section 120(h)(3)(A)(i)(I) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 remaining on the Property has been taken before the date of this Deed, and
2. any additional remedial action found to be necessary after the date of this Deed shall be conducted by the United States.

**E. Access Rights Pursuant to Section 120(h)(3)(A)(iii) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (42 U.S.C. § 9620(h)(3)(A)(iii)):**

The United States retains and reserves a perpetual and assignable easement and right of access on, over, and through the Property, to enter upon the Property in any case in which a remedial action or corrective action is found to be necessary on the part of the United States, without regard to whether such remedial action or corrective action is on the Property or on adjoining or nearby lands. Such easement and right of access includes, without limitation, the right to perform any environmental investigation, survey, monitoring, sampling, testing, drilling,



boring, coring, testpitting, installing monitoring or pumping wells or other treatment facilities, response action, corrective action, or any other action necessary for the United States to meet its responsibilities under applicable laws and as provided for in this instrument. Such easement and right of access shall be binding on the Grantee and its successors and assigns and shall run with the land.

In exercising such easement and right of access, the United States shall provide the Grantee or its successors or assigns, as the case may be, with reasonable notice of its intent to enter upon the Property and exercise its rights under this clause, which notice may be severely curtailed or even eliminated in emergency situations. The United States shall use reasonable means to avoid and to minimize interference with the Grantee's and the Grantee's successors' and assigns' quiet enjoyment of the Property. At the completion of work, the work site shall be reasonably restored. Such easement and right of access includes the right to obtain and use utility services, including water, gas, electricity, sewer, and communications services available on the Property at a reasonable charge to the United States. Excluding the reasonable charges for such utility services, no fee, charge, or compensation will be due the Grantee, nor its successors and assigns, for the exercise of the easement and right of access hereby retained and reserved by the United States.

In exercising such easement and right of access, neither the Grantee nor its successors and assigns, as the case may be, shall have any claim at law or equity against the United States or any officer or employee of the United States based on actions taken by the United States or its officers, employees, agents, contractors of any tier, or servants pursuant to and in accordance with this clause: Provided, however, that nothing in this paragraph shall be considered as a waiver by the Grantee and its successors and assigns of any remedy available to them under the Federal Tort Claims Act.

#### VIII. ENVIRONMENTAL RESTRICTIVE USE COVENANTS AND OTHER NOTICES

A. The following environmental restrictive covenants are created to protect human health and the environment against residual contaminants:

1. The Grantee covenants and agrees that it shall not construct any wells on the Property or extract, or permit to be extracted, any groundwater underlying the Property described herein for any purpose other than monitoring without the approval of the United States Air Force (USAF).

2. The Grantee covenants and agrees that it will not use the Property for residential purposes, hospitals for human care, public or private schools for persons under 18 years of age, or day care centers for children.

3. The Grantee covenants and agrees not that it will not conduct, or allow others to conduct, any soil disturbing activities (e.g., constructing, digging, excavating, drilling, grading, removing, trenching, filling, moving, farming/planting, or mining) without a Health and Safety Plan that recognizes the nature and history of the site and the residual contamination.



4. With respect to risks that may be posed via indoor air contaminated by chemicals volatilizing from shallow soil gas (vapor intrusion), the Grantee covenants and agrees either to (a) design and construct structures intended for occupancy on the Property in a manner that would mitigate unacceptable risk under CERCLA and the National Oil and Hazardous Substances Pollution Contingency Plan (NCP) (for example, through installation of a vapor intrusion barrier or gas collection system); or (b) evaluate the potential for unacceptable risk prior to the erection of any new occupied structure in the same area, and include mitigation of the vapor intrusion in the design/construction of the structure prior to occupancy if an unacceptable risk is posed under CERCLA and the NCP. The Grantee will coordinate any and all evaluation and potential mitigation measures with the State regulators.

B. The warranty set forth in Subparagraph VII.D above is limited to response actions found to be necessary to protect human health and the environment from conditions existing on the date this Deed is accepted. The obligation of the United States under such warranty does not extend to response actions required as a result of an act or omission of the Grantee, which act or omission (1) introduces new or additional contamination, (2) results from a breach of any environmental restrictive covenant set forth in this Deed, or (3) increases the cost of the required response action by improperly managing any contamination or contaminated soil or water existing on the Property on the date this Deed is accepted from the United States.

C. The Grantee may request from the United States a modification or release of the Grantee environmental restrictive use covenants in this paragraph, subject to the notification and concurrence or approval of the State of Ohio, the USAF and United States Environmental Protection Agency (USEPA Region V). In the event the request of the Grantee for modification or release is approved by the USAF, the USEPA Region V and the State of Ohio, the United States will execute an appropriate document modifying or releasing the covenant (a "Covenant Release"). The Grantee understands and agrees that all costs associated with the Covenant Release shall be the sole responsibility of the Grantee, without any cost whatsoever to the United States.

## VIII. OTHER COVENANTS AND NOTICES

A. Non-Discrimination. The Grantee covenants not to discriminate on the basis of race, color, religion, national origin, sex, age, or handicap in the use, occupancy, sale, or lease of the Property, or in its employment practices conducted thereon. This covenant shall not apply, however, to the lease or rental of a room or rooms within a family dwelling unit, nor shall it apply with respect to religion if the Property is on premises used primarily for religious purposes. The United States of America shall be deemed a beneficiary of this covenant without regard to whether it remains the owner of any land or interest therein in the locality of the Property.

B. Lead-Based Paint and Lead-Based Paint-Containing Materials and Debris (collectively "LBP").

1. Lead-based paint was commonly used prior to 1978 and may be located on the Property. The Grantee is advised to exercise caution during any use of the Property that may result in exposure to LBP.

2. The Grantee covenants and agrees that in its use and occupancy of the Property, the Grantee is solely responsible for managing LBP, including LBP in soils, in accordance with all applicable Federal, State, and local laws and regulations. The Grantee acknowledges that the Grantor assumes no liability for property damages or damages for personal injury, illness, disability, or death to the Grantee, or to any other person, including members of the general public, arising from or incident to the purchase, transportation, removal, handling, use, contact, disposition, or other activity involving LBP on the Property, whether the Grantee has properly warned, or failed to properly warn, the persons injured. The Grantee further agrees to notify the Grantor promptly of any discovery of LBP in soils that appears to be the result of Grantor activities and that is found at concentrations that may require remediation. The Grantor hereby reserves the right, in its sole discretion, to undertake an investigation and conduct any remedial action that it determines is necessary.

C. Asbestos-Containing Materials ("ACM"). The Grantee is warned that the Property may contain current and former improvements, such as buildings, facilities, equipment, and pipelines, above and below the ground, that may contain ACM. The Grantee covenants and agrees that in its use and occupancy of the Property, it will comply with all applicable Federal, State, and local laws relating to asbestos. The Grantee is cautioned to use due care during property development activities that may uncover pipelines or other buried ACM. The Grantee covenants and agrees that it will notify the Grantor promptly of any potentially friable ACM that constitutes a release (or potential release) under the federal Comprehensive Environmental Response, Compensation, and Liability Act (42 U.S.C. §§ 9601 et seq.). The Grantor's responsibility under this Deed for friable ACM is limited to friable ACM in demolition debris associated with past Air Force activities and is limited to the actions, if any, to be taken in accordance with the covenant contained in Section VII herein. The Grantee is warned that the Grantor will not be responsible for removing or responding to ACM in or on utility pipelines. The Grantee acknowledges that the Grantor assumes no liability for property damages or damages for personal injury, illness, disability, or death to the Grantee, or to any other person, including members of the general public, arising from or incident to the purchase, transportation, removal, handling, use, disposition, or other activity causing or leading to contact of any kind whatsoever with asbestos on the Property, whether the Grantee has properly warned, or failed to properly warn, the persons injured.

D. Hazards to Air Navigation. Prior to commencing any construction on, or alteration of, the Property, the Grantee covenants to comply with 14 CFR Part 77 entitled "Objects Affecting Navigable Airspace," under the authority of the Federal Aviation Act of 1958, as amended.

## IX. MISCELLANEOUS

A. Except for any personal covenant, each covenant of this Deed shall inure to the benefit of the Grantor; shall be binding upon the Grantee; shall be deemed to touch and concern the land; and shall run with the land.

**(Remainder of this page intentionally left blank)**

DRAFT

IN WITNESS WHEREOF, I have hereunto set my hand at the direction of the Secretary of the Air Force, the day and year first above written.

UNITED STATES OF AMERICA  
Acting by and through the Secretary of the Air Force

By: \_\_\_\_\_  
ROBERT M. MOORE, SES  
Director  
Air Force Real Property Agency

Witness:

\_\_\_\_\_  
\_\_\_\_\_

STATE OF TEXAS                    )  
  ) SS:  
COUNTY OF BEXAR \_\_\_\_\_)

Before me, a Notary Public, on this day personally appeared Mr. Robert M. Moore, Director, Air Force Real Property Agency, known to me to be the person whose name is subscribed to the forgoing instrument and acknowledged to me that he executed the same for the purpose and consideration therein expressed.

Given under my hand and seal of office this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.  
(Personalized Seal)

\_\_\_\_\_  
Notary Public, State of Texas  
My Commission Expires: \_\_\_\_\_



ACCEPTANCE

The Grantee acknowledges delivery of this Deed and agrees to be bound by all the agreements, covenants, conditions, restrictions, and reservations contained in it.

DATE: \_\_\_\_\_, 20\_\_

HEATH-NEWARK-LICKING COUNTY  
PORT AUTHORITY

By: \_\_\_\_\_  
RICK PLATT  
Executive Director  
Heath-Newark-Licking County Port Authority

Attest:

\_\_\_\_\_

THIS INSTRUMENT PREPARED BY:



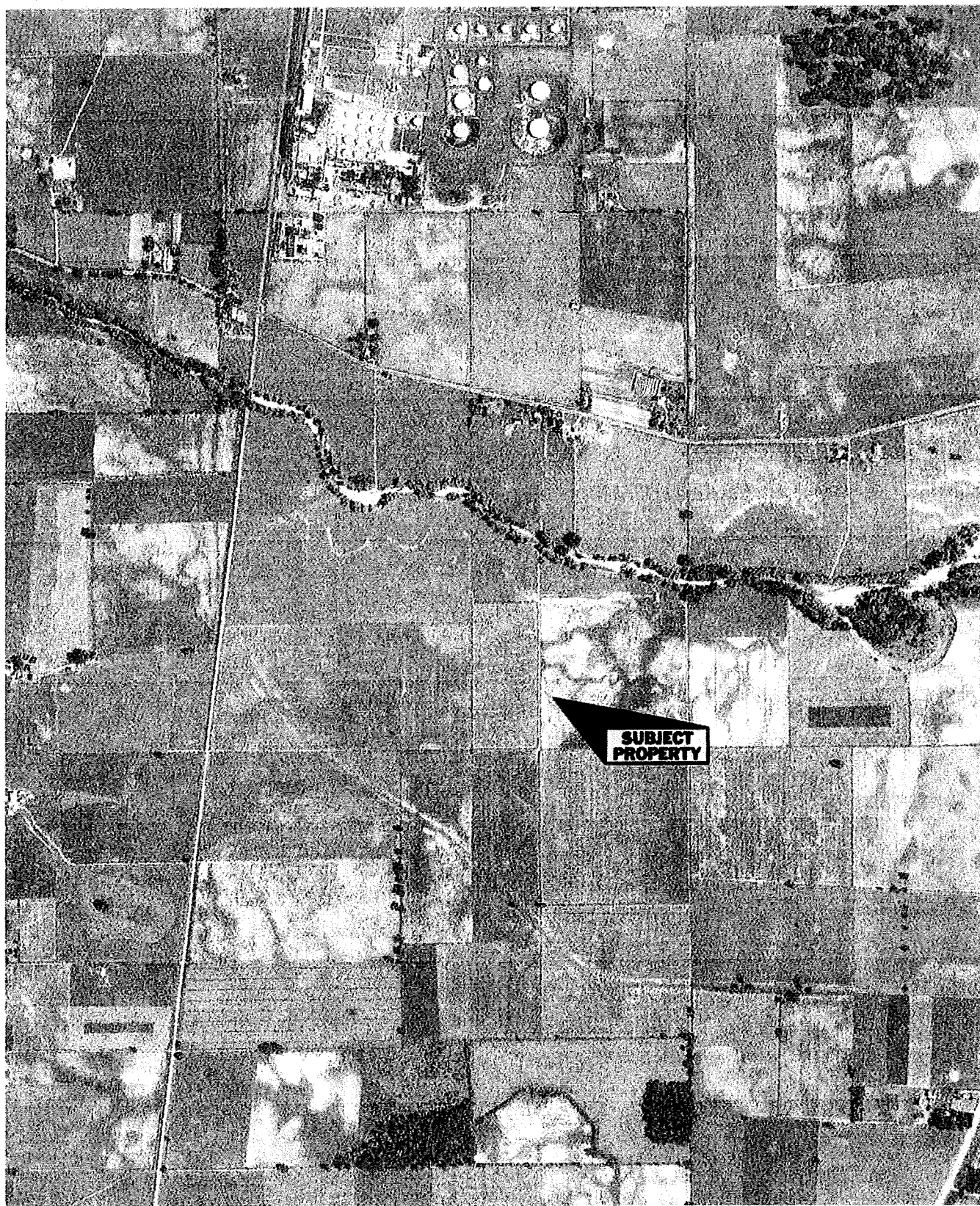


North

Former Facility 87 Area (Parcel 1.b)  
Former Newark Air Force Base  
Heath, Licking County, Ohio







North

Former Facility 87 Area (Parcel 1.b)  
Former Newark Air Force Base  
Heath, Licking County, Ohio





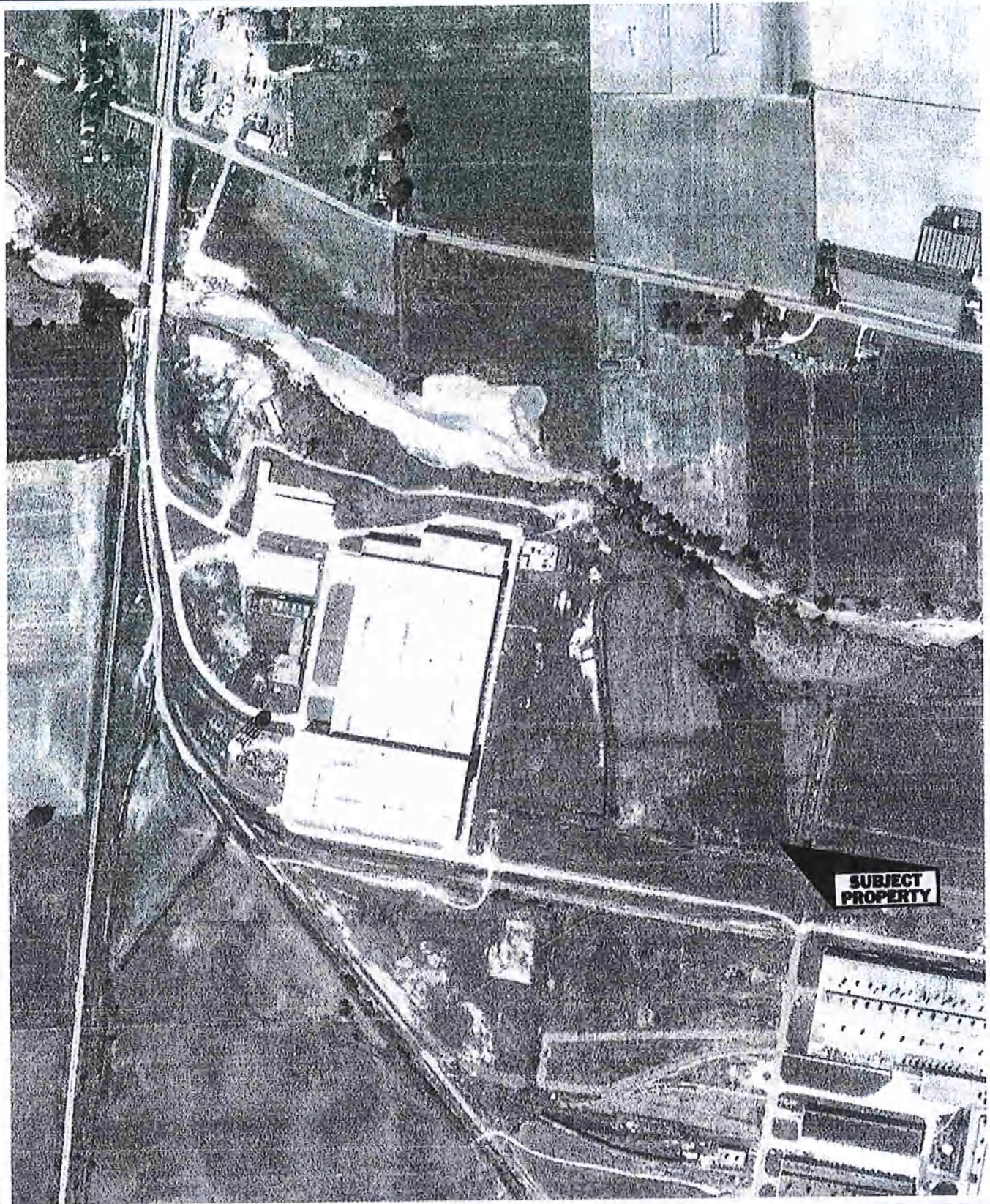


North

Former Facility 87 Area (Parcel 1.b)  
Former Newark Air Force Base  
Heath, Licking County, Ohio







North

Former Facility 87 Area (Parcel 1.b)  
Former Newark Air Force Base  
Heath, Licking County, Ohio





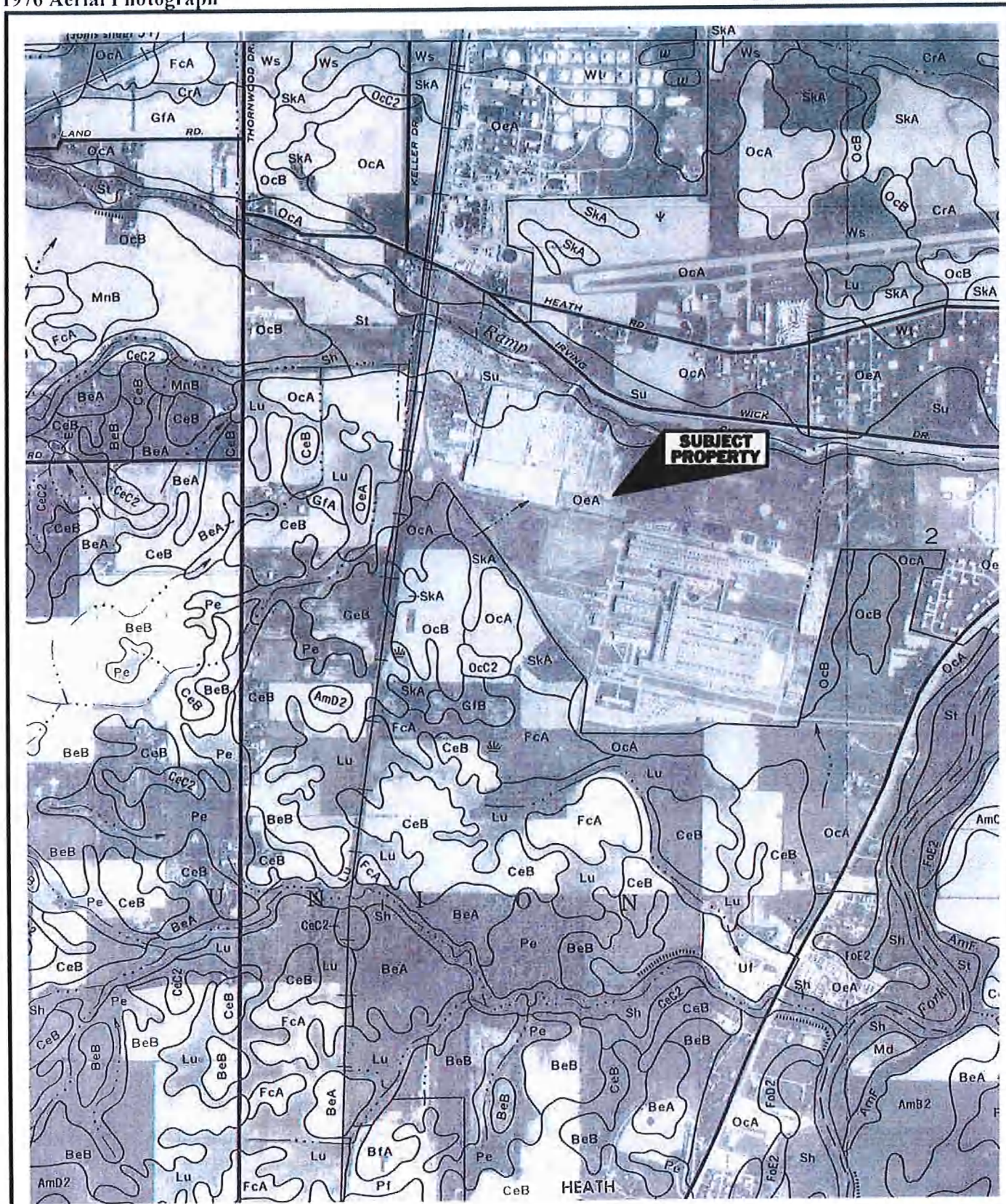


North

Former Facility 87 Area (Parcel 1.b)  
Former Newark Air Force Base  
Heath, Licking County, Ohio



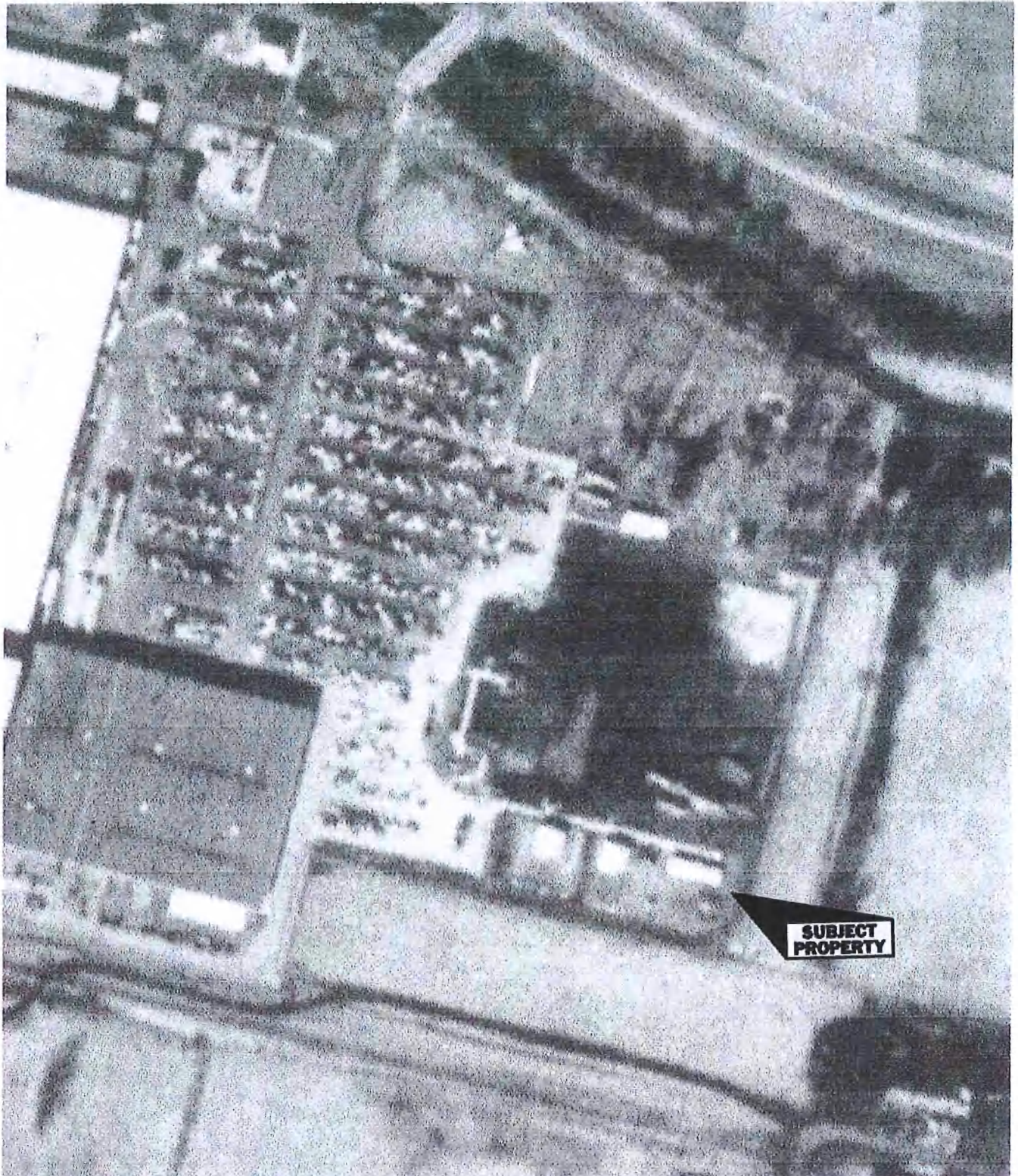




Former Facility 87 Area (Parcel 1.b)  
Former Newark Air Force Base  
Heath, Licking County, Ohio







North

Former Facility 87 Area (Parcel 1.b)  
Former Newark Air Force Base  
Heath, Licking County, Ohio







0 1.5Km

0 1.25Mi

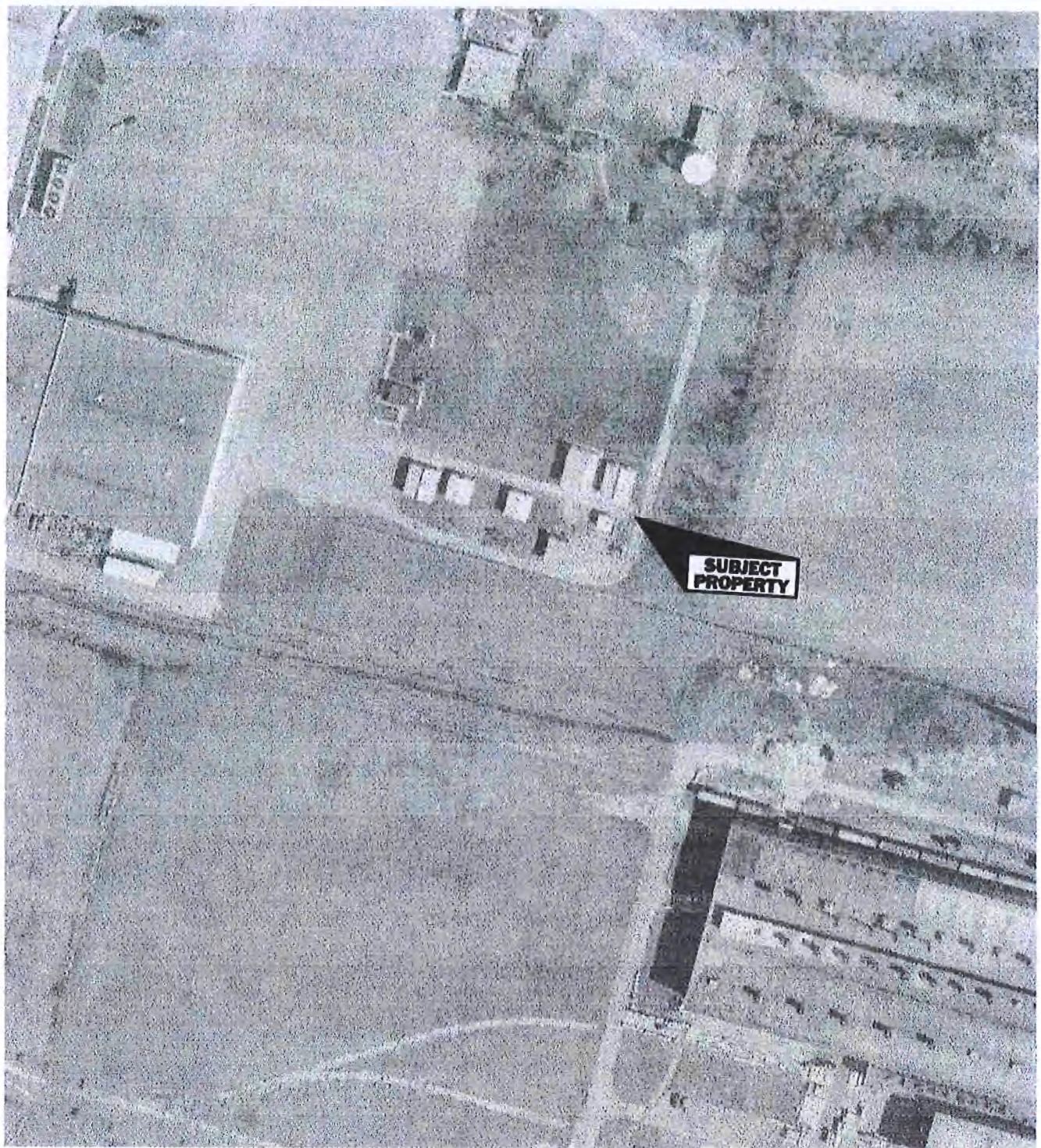


North

Former Facility 87 Area (Parcel 1.b)  
Former Newark Air Force Base  
Heath, Licking County, Ohio







200 0 200 Feet



Approx. Scale in Feet

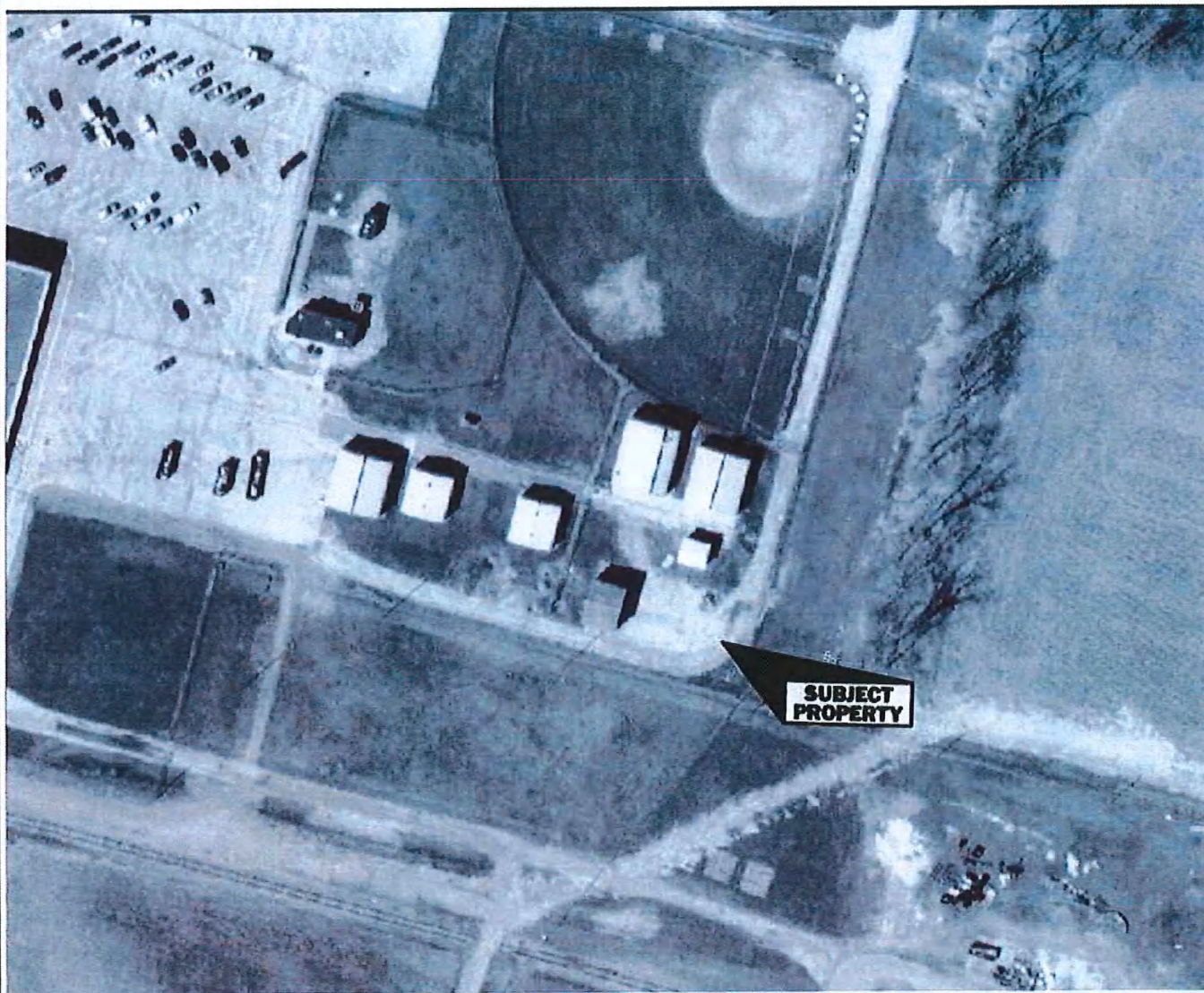


North

Former Facility 87 Area (Parcel 1.b)  
Former Newark Air Force Base  
Heath, Licking County, Ohio







100 ft  1 : 1500



North

Former Facility 87 Area (Parcel 1.b)  
Former Newark Air Force Base  
Heath, Licking County, Ohio







100 ft  1 : 1500



North

Former Facility 87 Area (Parcel 1.b)  
Former Newark Air Force Base  
Heath, Licking County, Ohio







100 ft  1 : 2000

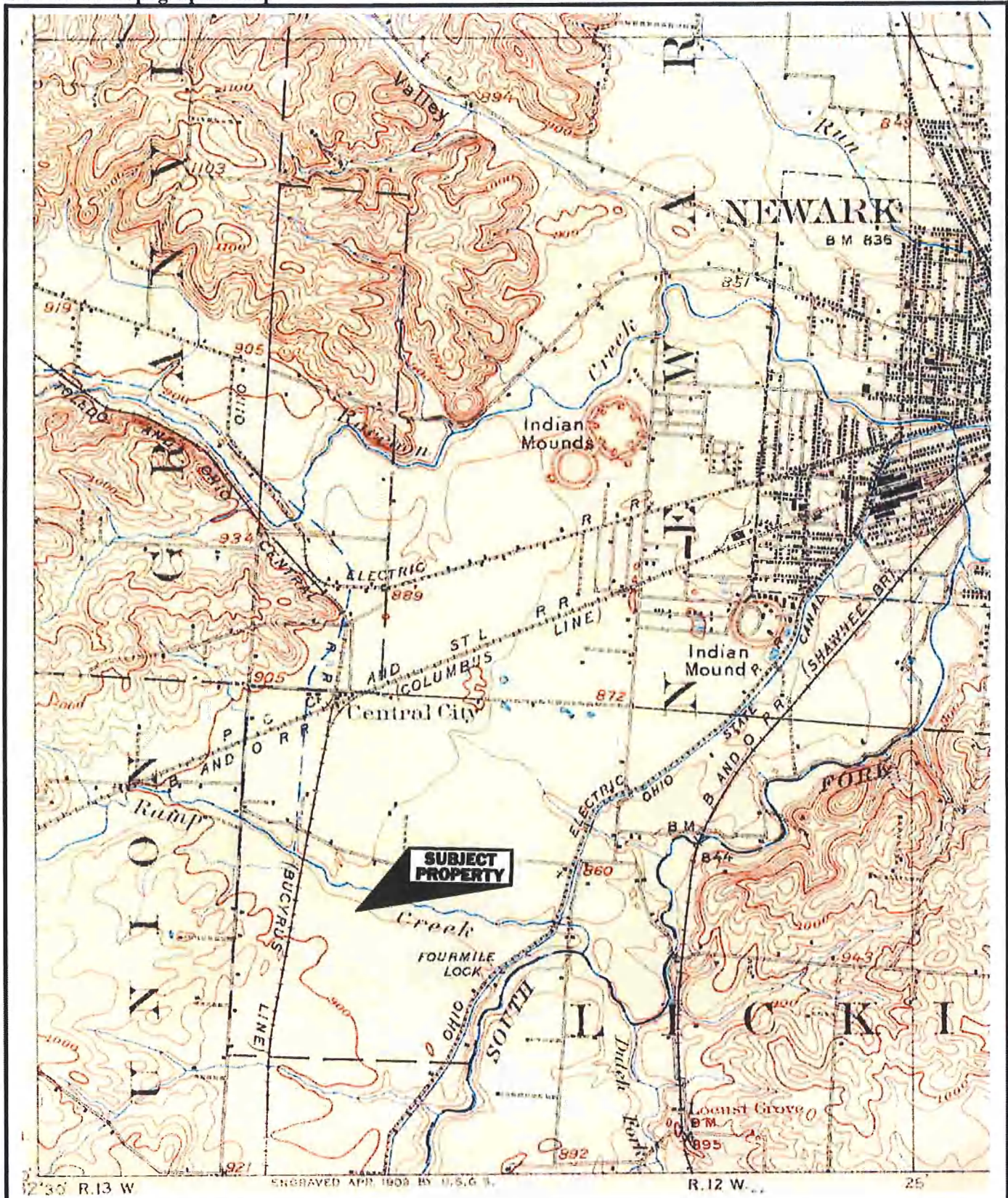


North

Former Facility 87 Area (Parcel 1.b)  
Former Newark Air Force Base  
Heath, Licking County, Ohio





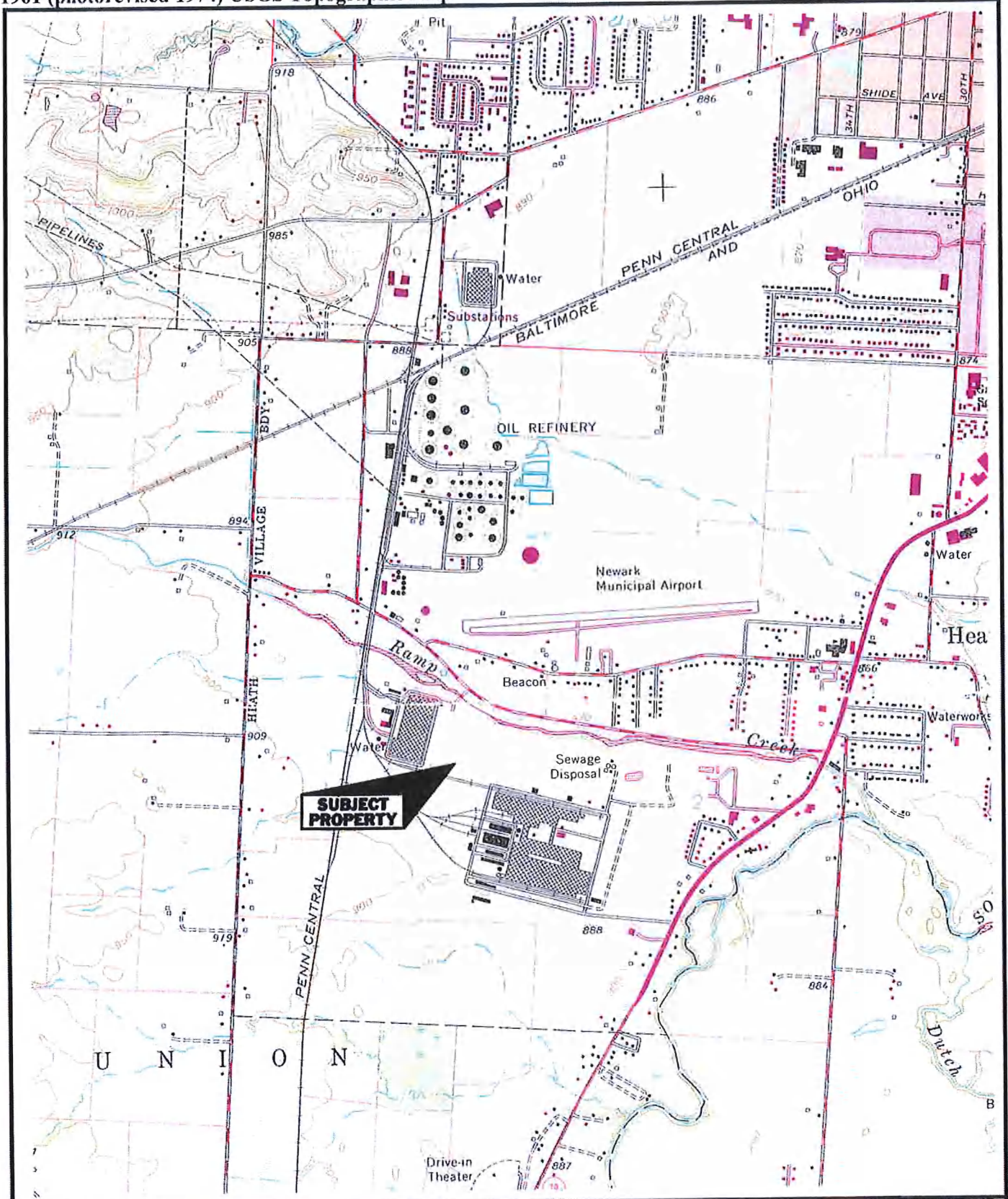


North

Former Facility 87 Area (Parcel 1.b)  
 Former Newark Air Force Base  
 Heath, Licking County, Ohio







North

Former Facility 87 Area (Parcel 1.b)  
Former Newark Air Force Base  
Heath, Licking County, Ohio



# **APPENDIX C**

## **REGULATORY DOCUMENTATION**



# ***FirstSearch Technology Corporation***

## **Environmental FirstSearch™ Report**

Target Property:

**FORMER NEWARK AFB**

**HEATH OH 43056**

Job Number: 09-E-15446

### **PREPARED FOR:**

Geotechnical Consultants

720 Green Crest Dr

Westerville, OH 43081

10-21-09



*Tel: (317) 823-3500*

*Fax: (317) 823-3535*

# Environmental FirstSearch Search Summary Report

**Target Site:** FORMER NEWARK AFB  
HEATH OH 43056

## FirstSearch Summary

Database	Sel	Updated	Radius	Site	1/8	1/4	1/2	1/2>	ZIP	TOTALS
NPL	Y	09-11-09	1.00	0	0	0	0	0	0	0
NPL Delisted	Y	09-11-09	0.50	0	0	0	0	-	0	0
CERCLIS	Y	07-28-09	0.50	0	0	1	0	-	0	1
NFRAP	Y	07-28-09	0.50	0	0	0	1	-	0	1
RCRA COR ACT	Y	07-14-09	1.00	0	0	1	0	0	1	2
RCRA TSD	Y	07-14-09	0.50	0	0	1	0	-	0	1
RCRA GEN	Y	07-14-09	0.25	0	0	2	-	-	0	2
Federal IC / EC	Y	08-06-09	0.25	0	0	0	-	-	1	1
ERNS	Y	09-13-09	0.25	0	0	0	-	-	0	0
Tribal Lands	Y	12-01-05	1.00	0	0	0	0	0	3	3
State/Tribal Sites	Y	07-30-09	1.00	0	0	1	1	1	3	6
State Spills 90	Y	09-16-09	0.25	0	1	0	-	-	0	1
State/Tribal SWL	Y	02-27-09	0.50	0	0	0	0	-	0	0
State/Tribal LUST	Y	07-29-09	0.50	0	0	2	0	-	2	4
State/Tribal UST/AST	Y	07-29-09	0.25	0	0	1	-	-	0	1
State/Tribal EC	Y	NA	0.25	0	0	0	-	-	0	0
State/Tribal IC	Y	NA	0.25	0	0	0	-	-	0	0
State/Tribal VCP	Y	02-02-09	0.50	0	0	0	1	-	0	1
State/Tribal Brownfields	Y	08-01-09	0.50	0	0	0	0	-	0	0
State Other	Y	03-07-07	0.50	0	0	1	1	-	0	2
- TOTALS -				0	1	10	4	1	10	26

### Notice of Disclaimer

Due to the limitations, constraints, inaccuracies and incompleteness of government information and computer mapping data currently available to FirstSearch Technology Corp., certain conventions have been utilized in preparing the locations of all federal, state and local agency sites residing in FirstSearch Technology Corp.'s databases. All EPA NPL and state landfill sites are depicted by a rectangle approximating their location and size. The boundaries of the rectangles represent the eastern and western most longitudes; the northern and southern most latitudes. As such, the mapped areas may exceed the actual areas and do not represent the actual boundaries of these properties. All other sites are depicted by a point representing their approximate address location and make no attempt to represent the actual areas of the associated property. Actual boundaries and locations of individual properties can be found in the files residing at the agency responsible for such information.

### Waiver of Liability

Although FirstSearch Technology Corp. uses its best efforts to research the actual location of each site, FirstSearch Technology Corp. does not and can not warrant the accuracy of these sites with regard to exact location and size. All authorized users of FirstSearch Technology Corp.'s services proceeding are signifying an understanding of FirstSearch Technology Corp.'s searching and mapping conventions, and agree to waive any and all liability claims associated with search and map results showing incomplete and or inaccurate site locations.

***Environmental FirstSearch  
Site Information Report***

**Request Date:** 10-21-09  
**Requestor Name:** Mike Lacher  
**Standard:** ASTM-05

**Search Type:** COORD  
**Job Number:** 09-E-15446  
**Filtered Report**

**Target Site:** FORMER NEWARK AFB  
HEATH OH 43056

***Demographics***

<b>Sites:</b> 26	<b>Non-Geocoded:</b> 10	<b>Population:</b> NA
<b>Radon:</b> 7.9 - 14.6 PCI/L		

***Site Location***

	<u><b>Degrees (Decimal)</b></u>	<u><b>Degrees (Min/Sec)</b></u>		<u><b>UTMs</b></u>
<b>Longitude:</b>	-82.468269	-82:28:6	<b>Easting:</b>	374697.833
<b>Latitude:</b>	40.018883	40:1:8	<b>Northing:</b>	4430675.503
<b>Elevation:</b>	882		<b>Zone:</b>	17

***Comment***

**Comment:**

***Additional Requests/Services***

**Adjacent ZIP Codes:** 1 Mile(s)

**Services:**

ZIP Code	City Name	ST	Dist/Dir	Sel
43023	GRANVILLE	OH	0.90 NW	Y
43025	HEBRON	OH	0.65 NW	Y

	Requested?	Date
Fire Insurance Maps	No	
Aerial Photographs	No	
Historical Topos	No	
City Directories	No	
Title Search/Env Liens	No	
Municipal Reports	No	
Online Topos	No	



# Environmental FirstSearch

## Sites Summary Report

**Target Property:** FORMER NEWARK AFB  
HEATH OH 43056

**JOB:** 09-E-15446

**TOTAL:** 26      **GEOCODED:** 16      **NON GEOCODED:** 10      **SELECTED:** 0

Page No.	DB Type	Site Name/ID/Status	Address	Dist/Dir	Map ID	ElevDiff
1	CERCLIS	NEWARK AIR FORCE BASE OH3570024650/NOT PROPOSED	IRVING WICK DR W HEATH OH 43056	0.23 NW	2	- 0
24	FED IC / EC	NEWARK AIR FORCE BASE OH3570024650-IC/EPA INST CONTROL	IRVING WICK DR HEATH OH 43056	NON GC		N/A
3	LUST	AEROSPACE GUIDANCE METROLOGY CTR 45000041-N00002/FACILITY INACTIVE	813 IRVING WICK DR W HEATH OH 43056	0.23 NW	2	- 0
3	LUST	AEROSPACE GUIDANCE METROLOGY CTR 45000041-N00001/FACILITY INACTIVE	813 IRVING WICK DR W HEATH OH 43056	0.23 NW	2	- 0
25	LUST	ROUTE 79 BULK 458121600/CNL	447 JAMES PKWY HEATH OH 43056	NON GC		N/A
26	LUST	OHIO BELL TELEPHONE CO. 45000099-N00001/FACILITY INACTIVE	DORSEY MILL RD HEATH OH 43056	NON GC		N/A
4	NFRAP	RAMP CREEK OHD980679971/NFRAP-N	N OF RAMP CREEK HEATH OH 43056	0.40 NW	4	- 4
5	OTHER	NEWARK AFB 145-1140/ACTIVE	813 IRVING WICK DR W HEATH OH 43056	0.23 NW	2	- 0
5	OTHER	RAMP CREEK 145-0654/ACTIVE	N OF IRVING WICK HEATH OH 43056	0.40 NW	4	- 4
6	RCRA	FORMER NEWARK AFB AFBCA/DC OH3570024650/TSD	813 IRVING WICK DR W HEATH OH 43056	0.23 NW	2	- 0
10	RCRACOR	FORMER NEWARK AIR FORCE BASE FF-87 OH3570024650/CA	813 IRVING WICK DR W HEATH OH 43056	0.23 NW	2	- 0
27	RCRACOR	GRANVILLE SOLVENTS SITE OHD004495412/CA	PALMER LN GRANVILLE OH 43023	NON GC		N/A
11	RCRAGN	BOEING HEATH OHIO OHR000016618/SGN	801 IRVING WICK DR W HEATH OH 43056	0.23 NW	2	- 0
14	RCRAGN	HEATH-NEWARK-LICKING CTY OHR000016527/VGN	813 IRVING WICK DR W HEATH OH 43056	0.23 NW	2	- 0
16	SPILLS	BOEING SERVICE COMPANY 2000-3893	761 IRVING WICK DR W HEATH OH 43056	0.05 NE	1	- 3
17	STATE	NEWARK AFB DERR-145-1140/DERR DATABASE	813 IRVING WICK DR W HEATH OH 43056	0.23 NW	2	- 0
18	STATE	RAMP CRK, HEATH DERR-145-0654/DERR DATABASE	N OF IRVING WICK HEATH OH 43056	0.40 NW	4	- 4
21	STATE	KAISER ALUMINUM and CHEMICAL CORP DERR-145-0435/DERR DATABASE	S STATE RTE 79 3 MI HEATH OH 43056	0.65 SE	5	+ 3
28	STATE	THORPE DUMP, HEBRON DERR-145-1180/DERR DATABASE	RIDGLEY TRACT RD HEBRON OH 43025	NON GC		N/A
29	STATE	GRANVILLE SOLVENTS INC DERR-145-0353/DERR DATABASE	PALMER LN GRANVILLE OH 43023	NON GC		N/A
30	STATE	NEWARK STORAGE ANNEX DERR-145002530/DERR DATABASE	JAMES PKWY HEATH OH 43056	NON GC		N/A

***Environmental FirstSearch  
Sites Summary Report***

**Target Property:** FORMER NEWARK AFB  
HEATH OH 43056

**JOB:** 09-E-15446

**TOTAL:** 26      **GEOCODED:** 16      **NON GEOCODED:** 10      **SELECTED:** 0

Page No.	DB Type	Site Name/ID/Status	Address	Dist/Dir	Map ID	ElevDiff
31	TRIBALLAND	BUREAU OF INDIAN AFFAIRS CONTACT I BIA-43023	UNKNOWN OH 43023	NON GC		N/A
31	TRIBALLAND	BUREAU OF INDIAN AFFAIRS CONTACT I BIA-43056	UNKNOWN OH 43056	NON GC		N/A
32	TRIBALLAND	BUREAU OF INDIAN AFFAIRS CONTACT I BIA-43025	UNKNOWN OH 43025	NON GC		N/A
22	UST	AEROSPACE GUIDANCE METROLOGY CTR 4-5000041/1 TANKS LISTED	813 IRVING WICK DR W HEATH OH 43056	0.23 NW	2	- 0
23	VCP	KAISER ALUMINUM and CHEMICAL CORP VAP-I45000435/DERR DATABASE	S STATE RTE 79 3 MI HEATH OH 43056	0.32 SE	3	+ 4

# Environmental FirstSearch Site Detail Report

**Target Property:** FORMER NEWARK AFB  
HEATH OH 43056

**JOB:** 09-E-15446

## CERCLIS

**SEARCH ID:** 1      **DIST/DIR:** 0.23 NW      **ELEVATION:** 882      **MAP ID:** 2

<b>NAME:</b> NEWARK AIR FORCE BASE <b>ADDRESS:</b> IRVING WICK DR W HEATH OH 43056 LICKING <b>CONTACT:</b> THOMAS SMITH	<b>REV:</b> 7/28/09 <b>ID1:</b> OH3570024650 <b>ID2:</b> 0505689 <b>STATUS:</b> NOT PROPOSED <b>PHONE:</b> 3128866540
---	---

ACTION/QUALITY	AGENCY/RPS	START/RAA	END
federal facility remedial investigation/feasibility study	Federal Facilities	12-14-1999	08-21-2002
discovery	State, Fund Financed		02-12-1988
preliminary assessment Low priority for further assessment	Federal Facilities		03-07-1988
record of decision Final Remedy Selected at Site	Federal Facilities		09-30-2002
site inspection Higher priority for further assessment	Federal Facilities		03-02-1992

### DESCRIPTION:

Newark Air Force Base (NAFB) is located in central Ohio in Licking County, approximately 35 miles east of Columbus. The former base is located within the city limits of Heath, Ohio. NAFB encompasses approximately 70 acres, most of which has been developed. NAFB fabricated aircraft wings and housed the only Air Force (AF) facility that had the technical capability to repair missile guidance and navigation systems. In addition, the AF metrology laboratories were located at the base. In September 1993, NAFB was subject to closure pursuant to the Defense Base Closure and Realignment Act of 1990. The base closed on September 30, 1996. Landfill 02 (LF02) (also referred to as AC13) consists of approximately 13 acres of undeveloped land in the northern portion of NAFB, south of Irving-Wick Drive and north of Ramp Creek. NAFB acquired LF02 in 1984 from David and Inez Myers. The site was once owned by Pure Oil Company prior to ownership by Koppers/Byerlyte Corporation and David and Inez Myers. The site was originally lowland along Ramp Creek that was filled with excavated soil, concrete rubble, steel structures, and asphaltic materials. Two unlined drainage ditches cut across LF02, running from north to south and discharge into Ramp Creek. The eastern ditch (which flows across the middle portion of LF02) is a National Pollutant Discharge Elimination System (NPDES)-permitted discharge point from Koch Materials, an asphalt plant located north of Irving-Wick Drive. The discharge is monitored periodically for flow rate, total suspended solids, chemical oxygen demand, and oil and grease. The permit indicates that the discharge to the ditch is composed of noncontact cooling water, boiler blowdown, and stormwater runoff from an onsite storage tank area. The western ditch conveys surface stormwater runoff. Environmental investigation activities have been conducted periodically at LF02 since 1984. These activities included soil and groundwater sampling, test pit exc

avation, aerial photograph evaluation, and geophysical surveys. Bis-(2-chloroethyl) ether (BCEE) was identified as a chemical of concern in the groundwater in the upper water-bearing zone (UWBZ) in 1984 but was not found in the unsaturated soil. This investigation was prior to AF ownership of the LF02 parcel. BCEE is (or was) used primarily as a reagent for organic synthesis (including the synthesis of medicinals, pharmaceuticals, paint, varnish, and finish remover), as a solvent in the petroleum industry, and to scavenge lead deposits in gasoline. BCEE's other uses include(d): acaride (i.e., a chemical agent used to kill mites), anesthetic, pesticide (oil solution sprayed on corn silk to control earworms), textile scouring agent, and soil fumigant. BCEE was selected as the sole contaminant of concern at LF02 in the 1996 Supplemental Remedial Investigation (SRI) because human health risk was shown to be predominantly associated with the potential ingestion of BCEE-contaminated groundwater from the UWBZ. As part of the facility transition, a portion of the NAFB property, including LF02, is planned for transfer from AF to Licking County Regional Airport Authority (LCRAA). Consequently, AF conducted investigations of the soil and groundwater to evaluate the nature and extent of contamination at LF02 in preparation for transfer of the property to the LCRAA. The site is currently a fenced-in clear zone. Land use at LF02 is expected to remain industrial/commercial and subject to land use controls. LF02 is intended to continue serving as a clear zone for the Newark-Heath Airport in the future and there is no anticipated future groundwater use. The Federal Aviation Administration (FAA) has stated in the Standard Airport Application Format for NAFB that the FAA "...recommends that the instruments of transfer of land to anyone other than the LCRAA contain certain rights with respect to right of over flight and consequent noise and air emissions and the right to contro

l the erection of structures or growth of vegetation which (sic) would exceed the obstruction standards of Federal Aviation Regulation, Part 77. FAA also recommends that transfer of property include prohibitions of uses which (sic) could result in hazards to flight, such as electrical interference affecting radio communications and navigation aids, lighting that would affect aircraft operations, and obstructions to visibility such as smoke and other non-compatible land uses... These restrictions would preclude residential development at LF02 and limit the types of construction projects that could be

- Continued on next page -



***Environmental FirstSearch  
Site Detail Report***

**Target Property:** FORMER NEWARK AFB  
HEATH OH 43056

**JOB:** 09-E-15446

CERCLIS

<b>SEARCH ID:</b> 1	<b>DIST/DIR:</b> 0.23 NW	<b>ELEVATION:</b> 882	<b>MAP ID:</b> 2
---------------------	--------------------------	-----------------------	------------------

**NAME:** NEWARK AIR FORCE BASE  
**ADDRESS:** IRVING WICK DR W  
HEATH OH 43056  
LICKING  
**CONTACT:** THOMAS SMITH

**REV:** 7/28/09  
**ID1:** OH3570024650  
**ID2:** 0505689  
**STATUS:** NOT PROPOSED  
**PHONE:** 3128866540

undertaken. A Record of Decision (ROD)-equivalent document (Remedial Action Decision Document, or RADD) for LF02 was published in September 2002. This document selected institutional controls on groundwater use, in addition to land-use controls, to prevent exposure to site groundwater.

***Environmental FirstSearch  
Site Detail Report***

**Target Property:** FORMER NEWARK AFB  
HEATH OH 43056

**JOB:** 09-E-15446

LUST

**SEARCH ID:** 14      **DIST/DIR:** 0.23 NW      **ELEVATION:** 882      **MAP ID:** 2

<b>NAME:</b> AEROSPACE GUIDANCE METROLOGY CTR	<b>REV:</b> 7/29/09
<b>ADDRESS:</b> 813 IRVING WICK DR W	<b>ID1:</b> 45000041-N00002
NEWARK OH 43057	<b>ID2:</b>
LICKING	<b>STATUS:</b> FACILITY INACTIVE
<b>CONTACT:</b>	<b>PHONE:</b>

**SITE INFORMATION**

<b>RELEASE NUMBER:</b>	45000041-N00002
<b>RELEASE DATE:</b>	
<b>PRIORITY:</b>	1
<b>REVIEW DATE:</b>	
<b>LTF STATUS:</b>	Suspected or Confirmed release from regulated UST
<b>FR STATUS:</b>	NFA: No Further Action

LUST

**SEARCH ID:** 15      **DIST/DIR:** 0.23 NW      **ELEVATION:** 882      **MAP ID:** 2

<b>NAME:</b> AEROSPACE GUIDANCE METROLOGY CTR	<b>REV:</b> 7/29/09
<b>ADDRESS:</b> 813 IRVING WICK DR W	<b>ID1:</b> 45000041-N00001
NEWARK OH 43057	<b>ID2:</b>
LICKING	<b>STATUS:</b> FACILITY INACTIVE
<b>CONTACT:</b>	<b>PHONE:</b>

**SITE INFORMATION**

<b>RELEASE NUMBER:</b>	45000041-N00001
<b>RELEASE DATE:</b>	
<b>PRIORITY:</b>	3
<b>REVIEW DATE:</b>	
<b>LTF STATUS:</b>	Closure of regulated UST
<b>FR STATUS:</b>	NFA: No Further Action

***Environmental FirstSearch  
Site Detail Report***

**Target Property:** FORMER NEWARK AFB  
HEATH OH 43056

**JOB:** 09-E-15446

**NFRAP**

**SEARCH ID:** 2      **DIST/DIR:** 0.40 NW      **ELEVATION:** 878      **MAP ID:** 4

<b>NAME:</b> RAMP CREEK <b>ADDRESS:</b> N OF RAMP CREEK HEATH OH 43055 LICKING <b>CONTACT:</b>	<b>REV:</b> 1/22/09 <b>ID1:</b> OHD980679971 <b>ID2:</b> 0504749 <b>STATUS:</b> NFRAP-N <b>PHONE:</b>
--	---

**DESCRIPTION:**

ACTION/QUALITY	AGENCY/RPS	START/RAA	END
ARCHIVE SITE	EPA In-House		11-05-1993
HAZARD RANKING SYSTEM PACKAGE NFRAP: No further Remedial Action planned	EPA In-House		08-01-1982
DISCOVERY	EPA Fund-Financed		08-01-1982
PRELIMINARY ASSESSMENT Low priority for further assessment	State, Fund Financed		08-01-1984
SITE INSPECTION NFRAP: No further Remedial Action planned	State, Fund Financed		08-01-1982



***Environmental FirstSearch  
Site Detail Report***

**Target Property:** FORMER NEWARK AFB  
HEATH OH 43056

**JOB:** 09-E-15446

OTHER

**SEARCH ID:** 11      **DIST/DIR:** 0.23 NW      **ELEVATION:** 882      **MAP ID:** 2

**NAME:** NEWARK AFB  
**ADDRESS:** 813 IRVING WICK DR W  
HEATH OH 43057  
LICKING

**CONTACT:**

**REV:** 03-01-99  
**ID1:** 145-1140  
**ID2:** OH3570024650  
**STATUS:** ACTIVE  
**PHONE:**

FOR MORE INFORMATION PLEASE CONTACT THE STATE OF OHIO ENVIRONMENTAL PROTECTION AGENCY

OTHER

**SEARCH ID:** 12      **DIST/DIR:** 0.40 NW      **ELEVATION:** 878      **MAP ID:** 4

**NAME:** RAMP CREEK  
**ADDRESS:** N OF IRVING WICK  
HEATH OH 43055  
LICKING

**CONTACT:**

**REV:** 03-01-99  
**ID1:** 145-0654  
**ID2:** OHD980679971  
**STATUS:** ACTIVE  
**PHONE:**

FOR MORE INFORMATION PLEASE CONTACT THE STATE OF OHIO ENVIRONMENTAL PROTECTION AGENCY

# Environmental FirstSearch

## Site Detail Report

**Target Property:** FORMER NEWARK AFB  
HEATH OH 43056

**JOB:** 09-E-15446

### RCRA

**SEARCH ID:** 3      **DIST/DIR:** 0.23 NW      **ELEVATION:** 882      **MAP ID:** 2

**NAME:** FORMER NEWARK AFB AFBCA/DC  
**ADDRESS:** 813 IRVING WICK DR W  
HEATH OH 43056  
LICKING  
**CONTACT:**

**REV:** 12/9/02  
**ID1:** OH3570024650  
**ID2:**  
**STATUS:** TSD  
**PHONE:**

#### SITE INFORMATION

**CONTACT INFORMATION:** ALAN FRIEDSTROM  
ENV COOR  
7370 MINUTEMAN WAY  
COLUMBUS OH 432175910

**PHONE:** 6144928065

**CONTACT INFORMATION:** WARREN PETERSON  
  
2803 ABG / DE  
NEWARK AIR FORCE STATION OH 43055

**PHONE:** 6145227077

#### UNIVERSE NAME:

INCINERATOR  
ST: STORAGE AND TREATMENT  
SUBJECT TO CEI  
DF: LAND DISPOSAL FACILITY  
TSDS SUBJECT TO CORRECTIVE ACT  
SUBJECT TO CORRECTIVE ACTION

#### SIC INFORMATION:

4225 - TRANS. and UTILITIES - GENERAL WAREHOUSING AND STORA  
9661 - PUBLIC ADMIN. - SPACE RESEARCH AND TECHNOLOGY  
9711 - PUBLIC ADMIN. - NATIONAL SECURITY  
3721 - MANUFACTURING - AIRCRAFT

#### ENFORCEMENT INFORMATION:

<b>AGENCY:</b>	S - STATE	<b>DATE:</b>	24-APR-01
<b>TYPE:</b>	120 - WRITTEN INFORMAL		
<b>AGENCY:</b>	S - STATE	<b>DATE:</b>	06-JUL-99
<b>TYPE:</b>	120 - WRITTEN INFORMAL		
<b>AGENCY:</b>	S - STATE	<b>DATE:</b>	20-SEP-96
<b>TYPE:</b>	120 - WRITTEN INFORMAL		
<b>AGENCY:</b>	S - STATE	<b>DATE:</b>	13-SEP-94
<b>TYPE:</b>	120 - WRITTEN INFORMAL		
<b>AGENCY:</b>	S - STATE	<b>DATE:</b>	15-SEP-88
<b>TYPE:</b>	120 - WRITTEN INFORMAL		

- Continued on next page -

**Environmental FirstSearch**  
**Site Detail Report**

**Target Property:** FORMER NEWARK AFB  
HEATH OH 43056

**JOB:** 09-E-15446

RCRA

**SEARCH ID:** 3      **DIST/DIR:** 0.23 NW      **ELEVATION:** 882      **MAP ID:** 2

**NAME:** FORMER NEWARK AFB AFBCA/DC  
**ADDRESS:** 813 IRVING WICK DR W  
HEATH OH 43056  
LICKING  
**CONTACT:**

**REV:** 12/9/02  
**ID1:** OH3570024650  
**ID2:**  
**STATUS:** TSD  
**PHONE:**

**AGENCY:** S - STATE      **DATE:** 16-SEP-91  
**TYPE:** 120 - WRITTEN INFORMAL

**AGENCY:** S - STATE      **DATE:** 06-JUL-01  
**TYPE:** 120 - WRITTEN INFORMAL

**VIOLATION INFORMATION:**

**VIOLATION NUMBER:** 0001      **RESPONSIBLE:** S - STATE  
**DETERMINED:** 01-SEP-88      **DETERMINED BY:** S - STATE  
**CITATION:**      **RESOLVED:** 10/19/1988  
**TYPE:** DOT - TSD OTHER REQUIREMENTS (OVERSIGHT LEVEL)

**VIOLATION NUMBER:** 0002      **RESPONSIBLE:** S - STATE  
**DETERMINED:** 26-JUL-91      **DETERMINED BY:** S - STATE  
**CITATION:** 3745-65-52      **RESOLVED:** 10/23/1991  
**TYPE:** GPT - GENERATOR PRE-TRANSPORT REQUIREMENTS

**VIOLATION NUMBER:** 0003      **RESPONSIBLE:** S - STATE  
**DETERMINED:** 11-AUG-94      **DETERMINED BY:** S - STATE  
**CITATION:** 3745-59-07(A)(6)      **RESOLVED:** 11/03/1994  
**TYPE:** GLB - GENERATOR LAND BAN REQUIREMENTS

**VIOLATION NUMBER:** 0004      **RESPONSIBLE:** S - STATE  
**DETERMINED:** 11-AUG-94      **DETERMINED BY:** S - STATE  
**CITATION:** 3745-66-93(B)and(C)(3)      **RESOLVED:** 11/03/1994  
**TYPE:** GPT - GENERATOR PRE-TRANSPORT REQUIREMENTS

**VIOLATION NUMBER:** 0005      **RESPONSIBLE:** S - STATE  
**DETERMINED:** 11-AUG-94      **DETERMINED BY:** S - STATE  
**CITATION:** 3745-66-93(C)(4)      **RESOLVED:** 11/03/1994  
**TYPE:** GPT - GENERATOR PRE-TRANSPORT REQUIREMENTS

**VIOLATION NUMBER:** 0006      **RESPONSIBLE:** S - STATE  
**DETERMINED:** 11-AUG-94      **DETERMINED BY:** S - STATE  
**CITATION:** 3745-66-93(F)      **RESOLVED:** 11/03/1994  
**TYPE:** GPT - GENERATOR PRE-TRANSPORT REQUIREMENTS

**VIOLATION NUMBER:** 0007      **RESPONSIBLE:** S - STATE  
**DETERMINED:** 11-AUG-94      **DETERMINED BY:** S - STATE  
**CITATION:** 3745-66-92      **RESOLVED:** 11/03/1994  
**TYPE:** GPT - GENERATOR PRE-TRANSPORT REQUIREMENTS

**VIOLATION NUMBER:** 0008      **RESPONSIBLE:** S - STATE  
**DETERMINED:** 11-AUG-94      **DETERMINED BY:** S - STATE  
**CITATION:** 3745-66-92(G)      **RESOLVED:** 11/03/1994  
**TYPE:** GPT - GENERATOR PRE-TRANSPORT REQUIREMENTS

**VIOLATION NUMBER:** 0009      **RESPONSIBLE:** S - STATE  
**DETERMINED:** 11-AUG-94      **DETERMINED BY:** S - STATE  
**CITATION:** 3745-66-95      **RESOLVED:** 11/03/1994

- Continued on next page -



# Environmental FirstSearch

## Site Detail Report

**Target Property:** FORMER NEWARK AFB  
HEATH OH 43056

**JOB:** 09-E-15446

### RCRA

**SEARCH ID:** 3      **DIST/DIR:** 0.23 NW      **ELEVATION:** 882      **MAP ID:** 2

**NAME:** FORMER NEWARK AFB AFBCA/DC  
**ADDRESS:** 813 IRVING WICK DR W  
HEATH OH 43056  
LICKING

**REV:** 12/9/02  
**ID1:** OH3570024650  
**ID2:**  
**STATUS:** TSD  
**PHONE:**

**CONTACT:**

**TYPE:** GPT - GENERATOR PRE-TRANSPORT REQUIREMENTS

**VIOLATION NUMBER:** 0010      **RESPONSIBLE:** S - STATE  
**DETERMINED:** 27-AUG-96      **DETERMINED BY:** S - STATE  
**CITATION:** 3745-52-11      **RESOLVED:** 11/07/1996  
**TYPE:** GGR - GENERATOR GENERAL REQUIREMENTS

**VIOLATION NUMBER:** 0011      **RESPONSIBLE:** S - STATE  
**DETERMINED:** 27-AUG-96      **DETERMINED BY:** S - STATE  
**CITATION:** 3745-65-16(D)(3)      **RESOLVED:** 04/18/1997  
**TYPE:** GPT - GENERATOR PRE-TRANSPORT REQUIREMENTS

**VIOLATION NUMBER:** 0012      **RESPONSIBLE:** S - STATE  
**DETERMINED:** 27-AUG-96      **DETERMINED BY:** S - STATE  
**CITATION:** 3745-65-52(C)(E)      **RESOLVED:** 04/18/1997  
**TYPE:** GPT - GENERATOR PRE-TRANSPORT REQUIREMENTS

**VIOLATION NUMBER:** 0013      **RESPONSIBLE:** S - STATE  
**DETERMINED:** 27-AUG-96      **DETERMINED BY:** S - STATE  
**CITATION:** 3745-66-74(B)      **RESOLVED:** 04/18/1997  
**TYPE:** GPT - GENERATOR PRE-TRANSPORT REQUIREMENTS

**VIOLATION NUMBER:** 0014      **RESPONSIBLE:** S - STATE  
**DETERMINED:** 27-AUG-96      **DETERMINED BY:** S - STATE  
**CITATION:** 3745-59-07(A)(7)      **RESOLVED:** 04/18/1997  
**TYPE:** GLB - GENERATOR LAND BAN REQUIREMENTS

**VIOLATION NUMBER:** 0015      **RESPONSIBLE:** S - STATE  
**DETERMINED:** 27-AUG-96      **DETERMINED BY:** S - STATE  
**CITATION:** 3745-66-13(B)      **RESOLVED:** 04/18/1997  
**TYPE:** DCL - TSD CLOSURE/POST CLOSURE REQUIREMENTS

**VIOLATION NUMBER:** 0016      **RESPONSIBLE:** S - STATE  
**DETERMINED:** 27-AUG-96      **DETERMINED BY:** S - STATE  
**CITATION:** 3745-66-16      **RESOLVED:** 11/07/1996  
**TYPE:** DCL - TSD CLOSURE/POST CLOSURE REQUIREMENTS

**VIOLATION NUMBER:** 0017      **RESPONSIBLE:** S - STATE  
**DETERMINED:** 27-AUG-96      **DETERMINED BY:** S - STATE  
**CITATION:** 3745-66-19(A)      **RESOLVED:** 11/07/1996  
**TYPE:** DCL - TSD CLOSURE/POST CLOSURE REQUIREMENTS

**VIOLATION NUMBER:** 0018      **RESPONSIBLE:** S - STATE  
**DETERMINED:** 27-AUG-96      **DETERMINED BY:** S - STATE  
**CITATION:** 3745-66-19(B)      **RESOLVED:** 11/07/1996  
**TYPE:** DCL - TSD CLOSURE/POST CLOSURE REQUIREMENTS

**VIOLATION NUMBER:** 0019      **RESPONSIBLE:** S - STATE  
**DETERMINED:** 28-JUN-99      **DETERMINED BY:** S - STATE  
**CITATION:** 3745-52-20(B)      **RESOLVED:** 08/12/1999  
**TYPE:** GMR - GENERATOR MANIFEST REQUIREMENTS

**VIOLATION NUMBER:** 0020      **RESPONSIBLE:** S - STATE

- Continued on next page -

**Environmental FirstSearch  
Site Detail Report**

**Target Property:** FORMER NEWARK AFB  
HEATH OH 43056

**JOB:** 09-E-15446

**RCRA**

**SEARCH ID:** 3      **DIST/DIR:** 0.23 NW      **ELEVATION:** 882      **MAP ID:** 2

**NAME:** FORMER NEWARK AFB AFBCA/DC  
**ADDRESS:** 813 IRVING WICK DR W  
HEATH OH 43056  
LICKING

**REV:** 12/9/02  
**ID1:** OH3570024650  
**ID2:**  
**STATUS:** TSD  
**PHONE:**

**CONTACT:**

**DETERMINED:** 28-JUN-99      **DETERMINED BY:** S - STATE  
**CITATION:** 3745-52-34(D)(5)(b)      **RESOLVED:** 08/12/1999  
**TYPE:** GPT - GENERATOR PRE-TRANSPORT REQUIREMENTS

**VIOLATION NUMBER:** 0021      **RESPONSIBLE:** S - STATE  
**DETERMINED:** 28-JUN-99      **DETERMINED BY:** S - STATE  
**CITATION:** 3745-65-14(B)(2)      **RESOLVED:** 08/12/1999  
**TYPE:** GPT - GENERATOR PRE-TRANSPORT REQUIREMENTS

**VIOLATION NUMBER:** 0022      **RESPONSIBLE:** S - STATE  
**DETERMINED:** 05-APR-01      **DETERMINED BY:** S - STATE  
**CITATION:** 3745-52-42(B)      **RESOLVED:** 04/24/2001  
**TYPE:** GMR - GENERATOR MANIFEST REQUIREMENTS

**VIOLATION NUMBER:** 0023      **RESPONSIBLE:** S - STATE  
**DETERMINED:** 05-APR-01      **DETERMINED BY:** S - STATE  
**CITATION:** 3745-270-07(A) Table 1and2      **RESOLVED:** 07/06/2001  
**TYPE:** GLB - GENERATOR LAND BAN REQUIREMENTS

**VIOLATION NUMBER:** 0024      **RESPONSIBLE:** S - STATE  
**DETERMINED:** 05-APR-01      **DETERMINED BY:** S - STATE  
**CITATION:** 3745-65-14(B)(2)      **RESOLVED:**  
**TYPE:** GPT - GENERATOR PRE-TRANSPORT REQUIREMENTS

**VIOLATION NUMBER:** 0025      **RESPONSIBLE:** S - STATE  
**DETERMINED:** 05-APR-01      **DETERMINED BY:** S - STATE  
**CITATION:** 3745-52-11 and 3745-270-07(A)(2)      **RESOLVED:** 07/06/2001  
**TYPE:** GGR - GENERATOR GENERAL REQUIREMENTS

**VIOLATION NUMBER:** 0026      **RESPONSIBLE:** S - STATE  
**DETERMINED:** 05-APR-01      **DETERMINED BY:** S - STATE  
**CITATION:** 3745-65-15(B)(C)(D)      **RESOLVED:** 07/06/2001  
**TYPE:** GPT - GENERATOR PRE-TRANSPORT REQUIREMENTS

# Environmental FirstSearch

## Site Detail Report

**Target Property:** FORMER NEWARK AFB  
HEATH OH 43056

**JOB:** 09-E-15446

RCRACOR

**SEARCH ID:** 4      **DIST/DIR:** 0.23 NW      **ELEVATION:** 882      **MAP ID:** 2

<b>NAME:</b>	FORMER NEWARK AIR FORCE BASE FF-87	<b>REV:</b>	7/14/09
<b>ADDRESS:</b>	813 IRVING WICK DR W	<b>ID1:</b>	OH3570024650
	NEWARK OH 43056	<b>ID2:</b>	
	LICKING	<b>STATUS:</b>	CA
<b>CONTACT:</b>		<b>PHONE:</b>	

### GOVERNMENT PERFORMANCE AND RESULTS ACT (GPRA)

<b>GPRA PERMIT:</b>	N - NO
<b>GPRA POST CLOSURE:</b>	+
<b>GPRA CA:</b>	N - NO
<b>GPRA COMPLIANCE MONITORING and ENFORCEMENT:</b>	N - NO

### SUBJECT TO CORRECTIVE ACTION (SUBJCA)

<b>SUBJCA:</b>	Y - SUBJECT TO CORRECTIVE ACTION
<b>SUBJCA TSD 3004:</b>	Y - TSDFS POTENTIALLY SUBJECT TO CORRECTIVE ACTION UNDER 3004
<b>SUBJCA NON TSD:</b>	N
<b>SIGNIFICANT NON-COMPLIANCE(SNC):</b>	N - NO
<b>BEGINNING OF THE YEAR SNC:</b>	N - NO
<b>PERMIT WORKLOAD:</b>	----
<b>CLOSURE WORKLOAD:</b>	----
<b>POST CLOSURE WORKLOAD:</b>	L----
<b>PERMITTING /CLOSURE/POST-CLOSURE PROGRESS:</b>	L----
<b>CORRECTIVE ACTION WORKLOAD:</b>	Y - CORRECTIVE ACTION WORKLOAD
<b>GENERATOR STATUS:</b>	CEG - CONDITIONALLY EXEMPT SMALL QUANTITY GENERATORS: GENERATES LESS TH



**Environmental FirstSearch  
Site Detail Report**

**Target Property:** FORMER NEWARK AFB  
HEATH OH 43056

**JOB:** 09-E-15446

RCRAGN

**SEARCH ID:** 5      **DIST/DIR:** 0.23 NW      **ELEVATION:** 882      **MAP ID:** 2

<b>NAME:</b> BOEING HEATH OHIO <b>ADDRESS:</b> 801 IRVING WICK DR W HEATH OH 43056 LICKING <b>CONTACT:</b>	<b>REV:</b> 7/14/09 <b>ID1:</b> OHR000016618 <b>ID2:</b> <b>STATUS:</b> SGN <b>PHONE:</b>
--	---

**SITE INFORMATION**

**CONTACT INFORMATION:** HOUSTON BYRD  
801 IRVING-WICK DR W  
HEATH OH 430566117

**PHONE:** 7407884018

**CONTACT INFORMATION:** VINCENT POWER  
801 IRVING-WICK DR W  
HEATH OH 430566117

**PHONE:** 6145227272

**UNIVERSE INFORMATION:**

**GOVERNMENT PERFORMANCE AND RESULTS ACT (GPRA)**

<b>GPRA PERMIT:</b>	N - NO
<b>GPRA POST CLOSURE:</b>	N - NO
<b>GPRA CA:</b>	N - NO
<b>GPRA COMPLIANCE MONITORING and ENFORCEMENT:</b>	N - NO

**SUBJECT TO CORRECTIVE ACTION (SUBJCA)**

<b>SUBJCA:</b>	N - NO
<b>SUBJCA TSD 3004:</b>	N - NO
<b>SUBJCA NON TSD:</b>	N - NO

<b>SIGNIFICANT NON-COMPLIANCE(SNC):</b>	N - NO
<b>BEGINNING OF THE YEAR SNC:</b>	N - NO
<b>PERMIT WORKLOAD:</b>	----
<b>CLOSURE WORKLOAD:</b>	----
<b>POST CLOSURE WORKLOAD:</b>	----
<b>PERMITTING /CLOSURE/POST-CLOSURE PROGRESS:</b>	----
<b>CORRECTIVE ACTION WORKLOAD:</b>	N - NO
<b>GENERATOR STATUS:</b>	SQG - SMALL QUANTITY GENERATOR: GENERATES 100 - 1000
<b>KG/MONTH OF HAZARDOUS WASTE</b>	

**NAIC INFORMATION**

334511 - SEARCH, DETECTION, NAVIGATION, GUIDANCE, AERONAUTICAL, AND NAUTICAL SYSTEM AND INSTRUMENT  
MANUFACTURING  
54171 - RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES

**ENFORCEMENT INFORMATION:**

- Continued on next page -

# Environmental FirstSearch

## Site Detail Report

**Target Property:** FORMER NEWARK AFB  
HEATH OH 43056

**JOB:** 09-E-15446

RCRAGN

**SEARCH ID:** 5      **DIST/DIR:** 0.23 NW      **ELEVATION:** 882      **MAP ID:** 2

<b>NAME:</b>	BOEING HEATH OHIO	<b>REV:</b>	7/14/09
<b>ADDRESS:</b>	801 IRVING WICK DR W	<b>ID1:</b>	OHR000016618
	HEATH OH 43056	<b>ID2:</b>	
	LICKING	<b>STATUS:</b>	SGN
<b>CONTACT:</b>		<b>PHONE:</b>	

<b>AGENCY:</b>	S - STATE	<b>DATE:</b>	6/23/1998
<b>TYPE:</b>	120 - WRITTEN INFORMAL		

<b>AGENCY:</b>	S - STATE	<b>DATE:</b>	3/29/2005
<b>TYPE:</b>	120 - WRITTEN INFORMAL		

### VIOLATION INFORMATION:

<b>VIOLATION NUMBER:</b>	0001	<b>RESPONSIBLE:</b>	S - STATE
<b>DETERMINED:</b>	6/3/1998	<b>DETERMINED BY:</b>	S - STATE
<b>CITATION:</b>	3745-52-11		
<b>RESOLVED:</b>	11/23/1998		
<b>TYPE:</b>	GENERATOR-GENERAL REQUIREMENTS		

<b>VIOLATION NUMBER:</b>	0002	<b>RESPONSIBLE:</b>	S - STATE
<b>DETERMINED:</b>	6/3/1998	<b>DETERMINED BY:</b>	S - STATE
<b>CITATION:</b>	3745-52-34(D)(4)		
<b>RESOLVED:</b>	10/27/1998		
<b>TYPE:</b>	GENERATOR-PRE-TRANSPORT REQUIREMENTS		

<b>VIOLATION NUMBER:</b>	0003	<b>RESPONSIBLE:</b>	S - STATE
<b>DETERMINED:</b>	6/3/1998	<b>DETERMINED BY:</b>	S - STATE
<b>CITATION:</b>	3745-52-34(C)(1)(a) and 66-73		
<b>RESOLVED:</b>	10/27/1998		
<b>TYPE:</b>	GENERATOR-PRE-TRANSPORT REQUIREMENTS		

<b>VIOLATION NUMBER:</b>	0004	<b>RESPONSIBLE:</b>	S - STATE
<b>DETERMINED:</b>	6/3/1998	<b>DETERMINED BY:</b>	S - STATE
<b>CITATION:</b>	3745-52-34(D)(1)and 66-74		
<b>RESOLVED:</b>	10/27/1998		
<b>TYPE:</b>	GENERATOR-PRE-TRANSPORT REQUIREMENTS		

<b>VIOLATION NUMBER:</b>	0005	<b>RESPONSIBLE:</b>	S - STATE
<b>DETERMINED:</b>	3/9/2005	<b>DETERMINED BY:</b>	S - STATE
<b>CITATION:</b>	3745-279-22(C)		
<b>RESOLVED:</b>	3/9/2005		
<b>TYPE:</b>	USED OIL ACTIVITIES		

<b>VIOLATION NUMBER:</b>	0006	<b>RESPONSIBLE:</b>	S - STATE
<b>DETERMINED:</b>	3/9/2005	<b>DETERMINED BY:</b>	S - STATE
<b>CITATION:</b>	3745-273-14(E)		
<b>RESOLVED:</b>	3/9/2005		
<b>TYPE:</b>	UNIVERSAL WASTE REQUIREMENTS		

### HAZARDOUS WASTE INFORMATION:

Mercury (OR)

Formic acid (C,T)

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, b

The following spent non-halogenated solvents: toluene, methyl ethyl ketone, carbon disulfide, isobutanol, pyridine, benzene, 2-ethoxyethanol, and

- Continued on next page -

**Environmental FirstSearch  
Site Detail Report**

**Target Property:** FORMER NEWARK AFB  
HEATH OH 43056

**JOB:** 09-E-15446

RCRAGN

**SEARCH ID:** 5      **DIST/DIR:** 0.23 NW      **ELEVATION:** 882      **MAP ID:** 2

**NAME:** BOEING HEATH OHIO  
**ADDRESS:** 801 IRVING WICK DR W  
HEATH OH 43056  
LICKING

**REV:** 7/14/09  
**ID1:** OHR000016618  
**ID2:**  
**STATUS:** SGN  
**PHONE:**

**CONTACT:**

2-nitropropane; all spent solvent mixtures/blends containing, before use, a to  
Lead

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

The following spent halogenated solvents used in degreasing: Tetrachloroethylene, trichloroethylene, methylene chloride, 1,1,1-trichloroethane, carbon  
tetrachloride and chlorinated fluorocarbons; all spent solvent mixtures/bl

Reactive waste

Methane, dichloro- (OR) Methylene chloride

Mercury

Chromium

Ethane, 1,1,1-trichloro- (OR) Methyl chloroform

Dichlorodifluoromethane (OR) Methane, dichlorodifluoro-

Potassium cyanide (OR) Potassium cyanide K(CN)

Corrosive waste

2-Propanone (I) (OR) Acetone (I)

Benzene, methyl- (OR) Toluene

Benzene (I,T)

2,4-Dinitrotoluene

Ignitable waste

D000



***Environmental FirstSearch  
Site Detail Report***

**Target Property:** FORMER NEWARK AFB  
HEATH OH 43056

**JOB:** 09-E-15446

RCRAGN

**SEARCH ID:** 6      **DIST/DIR:** 0.23 NW      **ELEVATION:** 882      **MAP ID:** 2

**NAME:** HEATH-NEWARK-LICKING CTY  
**ADDRESS:** 813 IRVING WICK DR W  
HEATH OH 43056  
LICKING

**REV:** 7/14/09  
**ID1:** OHR000016527  
**ID2:**  
**STATUS:** VGN  
**PHONE:**

**CONTACT:**

**SITE INFORMATION**

**CONTACT INFORMATION:** DAVID HANDLEY  
813 IRVING-WICK DR STE 2PA  
HEATH OH 430566114

**PHONE:** 6145225131

**UNIVERSE INFORMATION:**

***GOVERNMENT PERFORMANCE AND RESULTS ACT (GPRA)***

**GPRA PERMIT:** N - NO  
**GPRA POST CLOSURE:** N - NO  
**GPRA CA:** N - NO  
**GPRA COMPLIANCE MONITORING and ENFORCEMENT:** N - NO

***SUBJECT TO CORRECTIVE ACTION (SUBJCA)***

**SUBJCA:** N - NO  
**SUBJCA TSD 3004:** N - NO  
**SUBJCA NON TSD:** N - NO

**SIGNIFICANT NON-COMPLIANCE(SNC):** N - NO  
**BEGINNING OF THE YEAR SNC:** N - NO  
**PERMIT WORKLOAD:** ----  
**CLOSURE WORKLOAD:** ----  
**POST CLOSURE WORKLOAD:** ----  
**PERMITTING /CLOSURE/POST-CLOSURE PROGRESS:** ----  
**CORRECTIVE ACTION WORKLOAD:** N - NO

**GENERATOR STATUS:** CEG - CONDITIONALLY EXEMPT SMALL QUANTITY GENERATORS: GENERATES LESS THAN  
100 KG/MONTH OF HAZA

**NAIC INFORMATION**

**ENFORCEMENT INFORMATION:**

**VIOLATION INFORMATION:**

**HAZARDOUS WASTE INFORMATION:**

Corrosive waste  
Ignitable waste  
Cadmium  
Mercury  
Lead

- Continued on next page -

***Environmental FirstSearch  
Site Detail Report***

**Target Property:** FORMER NEWARK AFB  
HEATH OH 43056

**JOB:** 09-E-15446

RCRAGN

<b>SEARCH ID:</b> 6	<b>DIST/DIR:</b> 0.23 NW	<b>ELEVATION:</b> 882	<b>MAP ID:</b> 2
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**NAME:** HEATH-NEWARK-LICKING CTY  
**ADDRESS:** 813 IRVING WICK DR W  
HEATH OH 43056  
LICKING

**REV:** 7/14/09  
**ID1:** OHR000016527  
**ID2:**  
**STATUS:** VGN  
**PHONE:**

**CONTACT:**

D000

***Environmental FirstSearch  
Site Detail Report***

**Target Property:** FORMER NEWARK AFB  
HEATH OH 43056

**JOB:** 09-E-15446

**SPILLS**

**SEARCH ID:** 10      **DIST/DIR:** 0.05 NE      **ELEVATION:** 879      **MAP ID:** 1

**NAME:** BOEING SERVICE COMPANY  
**ADDRESS:** 761 IRVING WICK DR W  
HEATH OH  
LICKING  
**CONTACT:**

**REV:** 4/22/04  
**ID1:** 2000-3893  
**ID2:** 3893.00  
**STATUS:**  
**PHONE:**

**SITE INFORMATION**

**SPILL YEAR:** 2000  
**SPILL NUMBER:** 3893  
**REPORT DATE:** 10/12/2000  
**PRODUCT:** HYDRAULIC OIL  
**AMOUNT:** 1.5  
**SIZE:** SMALL = 0-499 GALLONS OR 0-3,999 LBS  
**TYPE:** HYDROCARBON  
**WATERWAY:** RAMP CREEK  
**STREAM MILES:** 0.001



***Environmental FirstSearch  
Site Detail Report***

**Target Property:** FORMER NEWARK AFB  
HEATH OH 43056

**JOB:** 09-E-15446

**STATE**

**SEARCH ID:** 8      **DIST/DIR:** 0.23 NW      **ELEVATION:** 882      **MAP ID:** 2

**NAME:** NEWARK AFB  
**ADDRESS:** 813 IRVING WICK DR W  
HEATH OH 43056  
LICKING

**CONTACT:**

**REV:** 7/30/09  
**ID1:** DERR-145-1140  
**ID2:** 145001140  
**STATUS:** DERR DATABASE  
**PHONE:**

**DIVISION OF EMERGENCY AND REMEDIAL RESPONSE DATABASE**

**SITE INFORMATION**

**DERR ID:** 145001140      **CERCLIS ID:** OH3570024650  
**ALIAS:**      **PROGRAM:** SA, RR

**FOR MORE INFORMATION PLEASE CONTACT THE STATE OF OHIO ENVIRONMENTAL PROTECTION AGENCY'S LOCAL DISTRICT OFFICE**

**CENTRAL DISTRICT - 1-800-686-2300**  
**NORTHEAST DISTRICT - 1-800-686-6330**  
**NORTHWEST DISTRICT - 1-800-686-6930**  
**SOUTHEAST DISTRICT - 1-800-686-7330**  
**SOUTHWEST DISTRICT - 1-800-686-8930**  
**CENTRAL OFFICE - (614) 644-2752**

**PROGRAM DESCRIPTIONS**

COF - CLEAN OHIO FUND  
ER - EMERGENCY RESPONSE  
RR - REMEDIAL RESPONSE  
SA - SITE ASSESSMENT  
VAP - VOLUNTARY ACTION PROGRAM

**Environmental FirstSearch**  
**Site Detail Report**

**Target Property:** FORMER NEWARK AFB  
HEATH OH 43056

**JOB:** 09-E-15446

STATE

**SEARCH ID:** 9      **DIST/DIR:** 0.40 NW      **ELEVATION:** 878      **MAP ID:** 4

**NAME:** RAMP CRK, HEATH  
**ADDRESS:** N OF IRVING WICK  
HEATH OH 43056  
LICKING

**REV:** 7/30/09  
**ID1:** DERR-145-0654  
**ID2:** 145000654  
**STATUS:** DERR DATABASE  
**PHONE:**

**CONTACT:**

**DIVISION OF EMERGENCY AND REMEDIAL RESPONSE DATABASE**

**SITE INFORMATION**

**DERR ID:** 145000654      **CERCLIS ID:** OHD980679971  
**ALIAS:** ASHLAND PETROLEUM CO      **PROGRAM:** ER, SA, RR

FOR MORE INFORMATION PLEASE CONTACT THE STATE OF OHIO ENVIRONMENTAL PROTECTION AGENCY S LOCAL DISTRICT OFFICE

CENTRAL DISTRICT - 1-800-686-2300  
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SOUTHEAST DISTRICT - 1-800-686-7330  
SOUTHWEST DISTRICT - 1-800-686-8930  
CENTRAL OFFICE - (614) 644-2752

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**DIVISION OF EMERGENCY AND REMEDIAL RESPONSE DATABASE**

**SITE INFORMATION**

**DERR ID:** 145000654      **CERCLIS ID:** OHD980679971  
**ALIAS:** RAMP CRK CONTAINMENT BARRIER, HEATH      **PROGRAM:** ER, SA, RR

FOR MORE INFORMATION PLEASE CONTACT THE STATE OF OHIO ENVIRONMENTAL PROTECTION AGENCY S LOCAL DISTRICT OFFICE

CENTRAL DISTRICT - 1-800-686-2300  
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SOUTHWEST DISTRICT - 1-800-686-8930  
CENTRAL OFFICE - (614) 644-2752

**PROGRAM DESCRIPTIONS**

COF - CLEAN OHIO FUND  
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VAP - VOLUNTARY ACTION PROGRAM

**DIVISION OF EMERGENCY AND REMEDIAL RESPONSE DATABASE**

**SITE INFORMATION**

**DERR ID:** 145000654      **CERCLIS ID:** OHD980679971  
**ALIAS:** UNOCAL      **PROGRAM:** ER, SA, RR

- Continued on next page -

**Environmental FirstSearch  
Site Detail Report**

**Target Property:** FORMER NEWARK AFB  
HEATH OH 43056

**JOB:** 09-E-15446

STATE

**SEARCH ID:** 9      **DIST/DIR:** 0.40 NW      **ELEVATION:** 878      **MAP ID:** 4

**NAME:** RAMP CRK, HEATH  
**ADDRESS:** N OF IRVING WICK  
HEATH OH 43056  
LICKING

**REV:** 7/30/09  
**ID1:** DERR-145-0654  
**ID2:** 145000654  
**STATUS:** DERR DATABASE  
**PHONE:**

**CONTACT:**

FOR MORE INFORMATION PLEASE CONTACT THE STATE OF OHIO ENVIRONMENTAL PROTECTION AGENCY S LOCAL DISTRICT OFFICE

CENTRAL DISTRICT - 1-800-686-2300  
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SOUTHWEST DISTRICT - 1-800-686-8930  
CENTRAL OFFICE - (614) 644-2752

**PROGRAM DESCRIPTIONS**

COF - CLEAN OHIO FUND  
ER - EMERGENCY RESPONSE  
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SA - SITE ASSESSMENT  
VAP - VOLUNTARY ACTION PROGRAM

**DIVISION OF EMERGENCY AND REMEDIAL RESPONSE DATABASE**

**SITE INFORMATION**

**DERR ID:** 145000654      **CERCLIS ID:** OHD980679971  
**ALIAS:**      **PROGRAM:** ER, SA, RR

FOR MORE INFORMATION PLEASE CONTACT THE STATE OF OHIO ENVIRONMENTAL PROTECTION AGENCY S LOCAL DISTRICT OFFICE

CENTRAL DISTRICT - 1-800-686-2300  
NORTHEAST DISTRICT- 1-800-686-6330  
NORTHWEST DISTRICT - 1-800-686-6930  
SOUTHEAST DISTRICT - 1-800-686-7330  
SOUTHWEST DISTRICT - 1-800-686-8930  
CENTRAL OFFICE - (614) 644-2752

**PROGRAM DESCRIPTIONS**

COF - CLEAN OHIO FUND  
ER - EMERGENCY RESPONSE  
RR - REMEDIAL RESPONSE  
SA - SITE ASSESSMENT  
VAP - VOLUNTARY ACTION PROGRAM

**DIVISION OF EMERGENCY AND REMEDIAL RESPONSE DATABASE**

**SITE INFORMATION**

**DERR ID:** 145000654      **CERCLIS ID:** OHD980679971  
**ALIAS:** UNION OIL HEATH      **PROGRAM:** ER, SA, RR

FOR MORE INFORMATION PLEASE CONTACT THE STATE OF OHIO ENVIRONMENTAL PROTECTION AGENCY S LOCAL DISTRICT OFFICE

CENTRAL DISTRICT - 1-800-686-2300  
NORTHEAST DISTRICT- 1-800-686-6330  
NORTHWEST DISTRICT - 1-800-686-6930  
SOUTHEAST DISTRICT - 1-800-686-7330

- Continued on next page -



***Environmental FirstSearch  
Site Detail Report***

**Target Property:** FORMER NEWARK AFB  
HEATH OH 43056

**JOB:** 09-E-15446

STATE

**SEARCH ID:** 9      **DIST/DIR:** 0.40 NW      **ELEVATION:** 878      **MAP ID:** 4

**NAME:** RAMP CRK, HEATH  
**ADDRESS:** N OF IRVING WICK  
HEATH OH 43056  
LICKING

**REV:** 7/30/09  
**ID1:** DERR-145-0654  
**ID2:** 145000654  
**STATUS:** DERR DATABASE  
**PHONE:**

**CONTACT:**

**SOUTHWEST DISTRICT - 1-800-686-8930**  
**CENTRAL OFFICE - (614) 644-2752**

**PROGRAM DESCRIPTIONS**

COF - CLEAN OHIO FUND  
ER - EMERGENCY RESPONSE  
RR - REMEDIAL RESPONSE  
SA - SITE ASSESSMENT  
VAP - VOLUNTARY ACTION PROGRAM

***Environmental FirstSearch  
Site Detail Report***

**Target Property:** FORMER NEWARK AFB  
HEATH OH 43056

**JOB:** 09-E-15446

STATE

**SEARCH ID:** 7      **DIST/DIR:** 0.65 SE      **ELEVATION:** 885      **MAP ID:** 5

**NAME:** KAISER ALUMINUM and CHEMICAL CORP HEATH  
**ADDRESS:** S STATE RTE 79 3 MI  
HEATH OH 43056  
LICKING  
**CONTACT:**

**REV:** 7/30/09  
**ID1:** DERR-145-0435  
**ID2:** 145000435  
**STATUS:** DERR DATABASE  
**PHONE:**

**DIVISION OF EMERGENCY AND REMEDIAL RESPONSE DATABASE**

**SITE INFORMATION**

**DERR ID:** 145000435      **CERCLIS ID:** OHD004298089  
**ALIAS:**      **PROGRAM:** SA, RR, VAP

**FOR MORE INFORMATION PLEASE CONTACT THE STATE OF OHIO ENVIRONMENTAL PROTECTION AGENCY S LOCAL DISTRICT OFFICE**  
**CENTRAL DISTRICT - 1-800-686-2300**  
**NORTHEAST DISTRICT- 1-800-686-6330**  
**NORTHWEST DISTRICT - 1-800-686-6930**  
**SOUTHEAST DISTRICT - 1-800-686-7330**  
**SOUTHWEST DISTRICT - 1-800-686-8930**  
**CENTRAL OFFICE - (614) 644-2752**

**PROGRAM DESCRIPTIONS**

COF - CLEAN OHIO FUND  
ER - EMERGENCY RESPONSE  
RR - REMEDIAL RESPONSE  
SA - SITE ASSESSMENT  
VAP - VOLUNTARY ACTION PROGRAM

***Environmental FirstSearch  
Site Detail Report***

**Target Property:** FORMER NEWARK AFB  
HEATH OH 43056

**JOB:** 09-E-15446

UST

<b>SEARCH ID:</b> 13	<b>DIST/DIR:</b> 0.23 NW	<b>ELEVATION:</b> 882	<b>MAP ID:</b> 2
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<b>NAME:</b> AEROSPACE GUIDANCE METROLOGY CTR <b>ADDRESS:</b> 813 IRVING WICK DR W NEWARK OH 43057 LICKING <b>CONTACT:</b>	<b>REV:</b> 05-06-01 <b>ID1:</b> 4-5000041 <b>ID2:</b> <b>STATUS:</b> 1 TANKS LISTED <b>PHONE:</b>
--	--

<b>OWNER:</b> AEROSPACE GUIDANCE METROLOGY CTR <b>ADDRESS:</b> AGMC/EM 813 IRVING WICK DR W NEWARK OH 43057	<b>FACILITY:</b> AEROSPACE GUIDANCE METROLOGY CTR <b>ADDRESS:</b> 813 IRVING-WICK DR W NEWARK
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**TANK DETAILS**

<b>TANK ID:</b> T00005	<b>INSTALLED:</b> 1989-11-01	<b>STATUS:</b> CURRENTLY IN USE	
<b>MATERIAL:</b> FIBERGLASS REINFORCED PLASTIC			
<b>CAPACITY:</b> 500 gal.	<b>PRODUCT:</b>		



***Environmental FirstSearch  
Site Detail Report***

**Target Property:** FORMER NEWARK AFB  
HEATH OH 43056

**JOB:** 09-E-15446

VCP

**SEARCH ID:** 16      **DIST/DIR:** 0.32 SE      **ELEVATION:** 886      **MAP ID:** 3

**NAME:** KAISER ALUMINUM and CHEMICAL CORP HEATH  
**ADDRESS:** S STATE RTE 79 3 MI  
HEATH OH 43056  
LICKING  
**CONTACT:**

**REV:** 2/2/09  
**ID1:** VAP-145000435  
**ID2:**  
**STATUS:** DERR DATABASE  
**PHONE:**

**DIVISION OF EMERGENCY AND REMEDIAL RESPONSE DATABASE**

**SITE INFORMATION**

**DERR ID:** 145000435      **CERCLIS ID:** OHD004298089      **ALIAS:**

**PROGRAM:** SA, RR, VAP - SITE ASSESSMENT, REMEDIAL RESPONSE, VOLUNTARY ACTION PROGRAM

**FOR MORE INFORMATION PLEASE CONTACT THE STATE OF OHIO ENVIRONMENTAL PROTECTION AGENCY S LOCAL DISTRICT OFFICE**

**CENTRAL DISTRICT - 1-800-686-2300**

**NORTHEAST DISTRICT- 1-800-686-6330**

**NORTHWEST DISTRICT - 1-800-686-6930**

**SOUTHEAST DISTRICT - 1-800-686-7330**

**NORTHEAST DISTRICT- 1-800-686-6330**

**SOUTHWEST DISTRICT - 1-800-686-8930**

**CENTRAL OFFICE - (614) 644-2752**

***Environmental FirstSearch  
Site Detail Report***

**Target Property:** FORMER NEWARK AFB  
HEATH OH 43056

**JOB:** 09-E-15446

FED IC / EC

<b>SEARCH ID:</b> 26	<b>DIST/DIR:</b> NON GC	<b>ELEVATION:</b>	<b>MAP ID:</b>
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<b>NAME:</b> NEWARK AIR FORCE BASE <b>ADDRESS:</b> IRVING WICK DR HEATH OH 43056 LICKING <b>CONTACT:</b>	<b>REV:</b> 9/3/09 <b>ID1:</b> OH3570024650-IC <b>ID2:</b> 0505689 <b>STATUS:</b> EPA INST CONTROL <b>PHONE:</b>
--	--

**SITE INFORMATION**

<b>INSTITUTIONAL CONTROL:</b>	COVENANT		
<b>ACTION NAME:</b>	001	<b>ACTION COMPLETED:</b>	9/30/2002
<b>ACTION PLANNED COMPL:</b>	9/30/2002		
<b>CONTAMINATED MEDIA:</b>	GROUNDWATER		

<b>INSTITUTIONAL CONTROL:</b>	GROUNDWATER USE/WELL DRILLING REGULATION		
<b>ACTION NAME:</b>	001	<b>ACTION COMPLETED:</b>	9/30/2002
<b>ACTION PLANNED COMPL:</b>	9/30/2002		
<b>CONTAMINATED MEDIA:</b>	GROUNDWATER		

**Environmental FirstSearch**  
**Site Detail Report**

**Target Property:** FORMER NEWARK AFB  
HEATH OH 43056

**JOB:** 09-E-15446

LUST

<b>SEARCH ID:</b> 22	<b>DIST/DIR:</b> NON GC	<b>ELEVATION:</b>	<b>MAP ID:</b>
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**NAME:** ROUTE 79 BULK  
**ADDRESS:** 447 JAMES PKWY  
HEATH OH 43056  
LICKING

**REV:** 08-25-99  
**ID1:** 458121600  
**ID2:** 458121600  
**STATUS:** CNL  
**PHONE:**

**CONTACT:**

**REPORT** 4581216    **TRACKING** 0    **FACILITY ID:** 450224    **PRIORITY:** LOW  
**INCIDENT:** HAZARDOUS SUBSTANCE RELEASE FROM A REGULATED UST  
**CLASS:** KNOWN/SUSPECTED OR CONFIRMED SOURCE AND RESPONSIBLE PERSON IS PROCEEDING VOLUNTARILY  
**STATUS:** CNL

**OPERATOR:**

**ADDRESS:**

OH

**PHONE:**

**OWNER:**

**ADDRESS:**

OH

**PHONE:**

**INSPECTOR:**

**AUTHORIZED BY:** GILL

**REVISED:** 11/10/98

**EMERGENCY RESPONSE:**

**COORDINATOR:** FICHE

**AUTH DATE:** 10/28/98

**REMARKS:** PERMIT 19973 - REMOVE 2 UST S

**SUMMARY:** REMOVED TWO, 10000 G, ALCOHOL UST S ON06/24/98.



***Environmental FirstSearch  
Site Detail Report***

**Target Property:** FORMER NEWARK AFB  
HEATH OH 43056

**JOB:** 09-E-15446

LUST

<b>SEARCH ID:</b> 21	<b>DIST/DIR:</b> NON GC	<b>ELEVATION:</b>	<b>MAP ID:</b>
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**NAME:** OHIO BELL TELEPHONE CO.  
**ADDRESS:** DORSEY MILL RD  
HEATH OH 43056

**REV:** 7/29/09  
**ID1:** 45000099-N00001  
**ID2:**  
**STATUS:** FACILITY INACTIVE  
**PHONE:**

**CONTACT:**

**SITE INFORMATION**

<b>RELEASE NUMBER:</b>	45000099-N00001
<b>RELEASE DATE:</b>	
<b>PRIORITY:</b>	3
<b>REVIEW DATE:</b>	
<b>LTF STATUS:</b>	Closure of regulated UST
<b>FR STATUS:</b>	NFA: No Further Action

**Environmental FirstSearch  
Site Detail Report**

**Target Property:** FORMER NEWARK AFB  
HEATH OH 43056

**JOB:** 09-E-15446

**RCRACOR**

**SEARCH ID:** 17      **DIST/DIR:** NON GC      **ELEVATION:**      **MAP ID:**

**NAME:** GRANVILLE SOLVENTS SITE  
**ADDRESS:** PALMER LN  
GRANVILLE OH 43023

**REV:** 7/14/09  
**ID1:** OHD004495412  
**ID2:**  
**STATUS:** CA  
**PHONE:**

**CONTACT:**

**GOVERNMENT PERFORMANCE AND RESULTS ACT (GPRA)**

**GPRA PERMIT:** N - NO  
**GPRA POST CLOSURE:** N - NO  
**GPRA CA:** N - NO  
**GPRA COMPLIANCE MONITORING and ENFORCEMENT:** N - NO

**SUBJECT TO CORRECTIVE ACTION (SUBJCA)**

**SUBJCA:** N - NO  
**SUBJCA TSD 3004:** N - NO  
**SUBJCA NON TSD:** Y - NON TSDFS WHERE CORRECTIVE ACTION HAS BEEN IMPOSED

**SIGNIFICANT NON-COMPLIANCE(SNC):** N - NO  
**BEGINNING OF THE YEAR SNC:** N - NO

**PERMIT WORKLOAD:** ----

**CLOSURE WORKLOAD:** ---S-

**POST CLOSURE WORKLOAD:** ----

**PERMITTING /CLOSURE/POST-CLOSURE PROGRESS:** ---S-

**CORRECTIVE ACTION WORKLOAD:** N - NO

**GENERATOR STATUS:** CEG - CONDITIONALLY EXEMPT SMALL QUANTITY GENERATORS: GENERATES LESS THAN 100 KG/MONTH OF HAZA

***Environmental FirstSearch  
Site Detail Report***

**Target Property:** FORMER NEWARK AFB  
HEATH OH 43056

**JOB:** 09-E-15446

STATE

<b>SEARCH ID:</b> 20	<b>DIST/DIR:</b> NON GC	<b>ELEVATION:</b>	<b>MAP ID:</b>
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**NAME:** THORPE DUMP, HEBRON  
**ADDRESS:** RIDGLEY TRACT RD  
HEBRON OH 43025

**REV:** 7/30/09  
**ID1:** DERR-145-1180  
**ID2:** 145001180  
**STATUS:** DERR DATABASE  
**PHONE:**

**CONTACT:**

**DIVISION OF EMERGENCY AND REMEDIAL RESPONSE DATABASE**

**SITE INFORMATION**

<b>DERR ID:</b> 145001180	<b>CERCLIS ID:</b>	
<b>ALIAS:</b>	<b>PROGRAM:</b>	SA - SITE ASSESSMENT

**FOR MORE INFORMATION PLEASE CONTACT THE STATE OF OHIO ENVIRONMENTAL PROTECTION AGENCY S LOCAL DISTRICT OFFICE**

**CENTRAL DISTRICT - 1-800-686-2300**  
**NORTHEAST DISTRICT - 1-800-686-6330**  
**NORTHWEST DISTRICT - 1-800-686-6930**  
**SOUTHEAST DISTRICT - 1-800-686-7330**  
**SOUTHWEST DISTRICT - 1-800-686-8930**  
**CENTRAL OFFICE - (614) 644-2752**

**PROGRAM DESCRIPTIONS**

COF - CLEAN OHIO FUND  
ER - EMERGENCY RESPONSE  
RR - REMEDIAL RESPONSE  
SA - SITE ASSESSMENT  
VAP - VOLUNTARY ACTION PROGRAM



***Environmental FirstSearch  
Site Detail Report***

**Target Property:** FORMER NEWARK AFB  
HEATH OH 43056

**JOB:** 09-E-15446

STATE

**SEARCH ID:** 19      **DIST/DIR:** NON GC      **ELEVATION:**      **MAP ID:**

**NAME:** GRANVILLE SOLVENTS INC  
**ADDRESS:** PALMER LN  
GRANVILLE OH 43023

**REV:** 7/30/09  
**ID1:** DERR-145-0353  
**ID2:** 145000353  
**STATUS:** DERR DATABASE  
**PHONE:**

**CONTACT:**

**DIVISION OF EMERGENCY AND REMEDIAL RESPONSE DATABASE**

**SITE INFORMATION**

**DERR ID:** 145000353      **CERCLIS ID:** OHD004495412  
**ALIAS:**      **PROGRAM:** SA, RR

**FOR MORE INFORMATION PLEASE CONTACT THE STATE OF OHIO ENVIRONMENTAL PROTECTION AGENCY S LOCAL DISTRICT OFFICE**  
**CENTRAL DISTRICT - 1-800-686-2300**  
**NORTHEAST DISTRICT- 1-800-686-6330**  
**NORTHWEST DISTRICT - 1-800-686-6930**  
**SOUTHEAST DISTRICT - 1-800-686-7330**  
**SOUTHWEST DISTRICT - 1-800-686-8930**  
**CENTRAL OFFICE - (614) 644-2752**

**PROGRAM DESCRIPTIONS**

COF - CLEAN OHIO FUND  
ER - EMERGENCY RESPONSE  
RR - REMEDIAL RESPONSE  
SA - SITE ASSESSMENT  
VAP - VOLUNTARY ACTION PROGRAM

***Environmental FirstSearch  
Site Detail Report***

**Target Property:** FORMER NEWARK AFB  
HEATH OH 43056

**JOB:** 09-E-15446

**STATE**

<b>SEARCH ID:</b> 18	<b>DIST/DIR:</b> NON GC	<b>ELEVATION:</b>	<b>MAP ID:</b>
----------------------	-------------------------	-------------------	----------------

**NAME:** NEWARK STORAGE ANNEX  
**ADDRESS:** JAMES PKWY  
HEATH OH 43056  
LICKING

**REV:** 7/30/09  
**ID1:** DERR-145002530  
**ID2:** 145002530  
**STATUS:** DERR DATABASE  
**PHONE:**

**CONTACT:**

**DIVISION OF EMERGENCY AND REMEDIAL RESPONSE DATABASE**

**SITE INFORMATION**

<b>DERR ID:</b> 145002530	<b>CERCLIS ID:</b>	
<b>ALIAS:</b>	<b>PROGRAM:</b>	SA - SITE ASSESSMENT

**FOR MORE INFORMATION PLEASE CONTACT THE STATE OF OHIO ENVIRONMENTAL PROTECTION AGENCY S LOCAL DISTRICT OFFICE**

**CENTRAL DISTRICT - 1-800-686-2300**  
**NORTHEAST DISTRICT- 1-800-686-6330**  
**NORTHWEST DISTRICT - 1-800-686-6930**  
**SOUTHEAST DISTRICT - 1-800-686-7330**  
**SOUTHWEST DISTRICT - 1-800-686-8930**  
**CENTRAL OFFICE - (614) 644-2752**

**PROGRAM DESCRIPTIONS**

COF - CLEAN OHIO FUND  
ER - EMERGENCY RESPONSE  
RR - REMEDIAL RESPONSE  
SA - SITE ASSESSMENT  
VAP - VOLUNTARY ACTION PROGRAM

**Environmental FirstSearch  
Site Detail Report**

**Target Property:** FORMER NEWARK AFB  
HEATH OH 43056

**JOB:** 09-E-15446

**TRIBALLAND**

**SEARCH ID:** 24      **DIST/DIR:** NON GC      **ELEVATION:**      **MAP ID:**

<b>NAME:</b> BUREAU OF INDIAN AFFAIRS CONTACT INFORMATION	<b>REV:</b> 01/15/08
<b>ADDRESS:</b> UNKNOWN	<b>ID1:</b> BIA-43023
OH 43023	<b>ID2:</b>
LICKING	<b>STATUS:</b>
<b>CONTACT:</b>	<b>PHONE:</b>

**BUREAU OF INDIAN AFFAIRS CONTACT INFORMATION**

<b>OFFICE:</b>	Eastern Regional Office
<b>CONTACT:</b>	FRANKLIN KEEL, REGIONAL DIRECTOR
<b>ADDRESS:</b>	545 MARRIOTT DR, SUITE 700
	Nashville TN 37214
<b>PHONE:</b>	Phone: 615-564-6700
<b>FAX:</b>	Fax: 615-564-6701

The Native American Consultation Database (NACD) is a tool for identifying consultation contacts for Indian tribes, Alaska Native villages and corporations, and Native Hawaiian organizations. The database is not a comprehensive source of information, but it does provide a starting point for the consultation process by identifying tribal leaders and NAGPRA contacts. This database can be accessed online at the following web address  
<http://home.nps.gov/nacd/>

**TRIBALLAND**

**SEARCH ID:** 23      **DIST/DIR:** NON GC      **ELEVATION:**      **MAP ID:**

<b>NAME:</b> BUREAU OF INDIAN AFFAIRS CONTACT INFORMATION	<b>REV:</b> 01/15/08
<b>ADDRESS:</b> UNKNOWN	<b>ID1:</b> BIA-43056
OH 43056	<b>ID2:</b>
LICKING	<b>STATUS:</b>
<b>CONTACT:</b>	<b>PHONE:</b>

**BUREAU OF INDIAN AFFAIRS CONTACT INFORMATION**

<b>OFFICE:</b>	Eastern Regional Office
<b>CONTACT:</b>	FRANKLIN KEEL, REGIONAL DIRECTOR
<b>ADDRESS:</b>	545 MARRIOTT DR, SUITE 700
	Nashville TN 37214
<b>PHONE:</b>	Phone: 615-564-6700
<b>FAX:</b>	Fax: 615-564-6701

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<http://home.nps.gov/nacd/>



***Environmental FirstSearch  
Site Detail Report***

**Target Property:** FORMER NEWARK AFB  
HEATH OH 43056

**JOB:** 09-E-15446

**TRIBALLAND**

<b>SEARCH ID:</b> 25	<b>DIST/DIR:</b> NON GC	<b>ELEVATION:</b>	<b>MAP ID:</b>
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<b>NAME:</b> BUREAU OF INDIAN AFFAIRS CONTACT INFORMATION	<b>REV:</b> 01/15/08
<b>ADDRESS:</b> UNKNOWN	<b>ID1:</b> BIA-43025
OH 43025	<b>ID2:</b>
LICKING	<b>STATUS:</b>
<b>CONTACT:</b>	<b>PHONE:</b>

**BUREAU OF INDIAN AFFAIRS CONTACT INFORMATION**

**OFFICE:** Eastern Regional Office  
**CONTACT:** FRANKLIN KEEL, REGIONAL DIRECTOR

**ADDRESS:** 545 MARRIOTT DR, SUITE 700  
Nashville TN 37214

**PHONE:** Phone: 615-564-6700  
**FAX:** Fax: 615-564-6701

The Native American Consultation Database (NACD) is a tool for identifying consultation contacts for Indian tribes, Alaska Native villages and corporations, and Native Hawaiian organizations. The database is not a comprehensive source of information, but it does provide a starting point for the consultation process by identifying tribal leaders and NAGPRA contacts. This database can be accessed online at the following web address  
<http://home.nps.gov/nacd/>

## Environmental FirstSearch Descriptions

**NPL: EPA NATIONAL PRIORITY LIST** - The National Priorities List is a list of the worst hazardous waste sites that have been identified by Superfund. Sites are only put on the list after they have been scored using the Hazard Ranking System (HRS), and have been subjected to public comment. Any site on the NPL is eligible for cleanup using Superfund Trust money.

A Superfund site is any land in the United States that has been contaminated by hazardous waste and identified by the Environmental Protection Agency (EPA) as a candidate for cleanup because it poses a risk to human health and/or the environment.

FINAL - Currently on the Final NPL

PROPOSED - Proposed for NPL

**NPL DELISTED: EPA NATIONAL PRIORITY LIST Subset** - Database of delisted NPL sites. 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.

DELISTED - Deleted from the Final NPL

**CERCLIS: EPA COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY INFORMATION SYSTEM (CERCLIS)**- CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL.

PART OF NPL- Site is part of NPL site

DELETED - Deleted from the Final NPL

FINAL - Currently on the Final NPL

NOT PROPOSED - Not on the NPL

NOT VALID - Not Valid Site or Incident

PROPOSED - Proposed for NPL

REMOVED - Removed from Proposed NPL

SCAN PLAN - Pre-proposal Site

WITHDRAWN - Withdrawn

**NFRAP: EPA COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY INFORMATION SYSTEM ARCHIVED SITES** - database of Archive designated CERCLA sites that, to the best of EPA's knowledge, assessment has been completed and has determined no further steps will be taken to list this site on the National Priorities List (NPL). This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

NFRAP - No Further Remedial Action Plan

P - Site is part of NPL site

D - Deleted from the Final NPL

F - Currently on the Final NPL

N - Not on the NPL

O - Not Valid Site or Incident

P - Proposed for NPL

R - Removed from Proposed NPL

S - Pre-proposal Site

W - Withdrawn

**RCRA COR ACT: EPA RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM SITES** - Database of hazardous waste information contained in the Resource Conservation and Recovery Act Information (RCRAInfo), a national program management and inventory system about hazardous waste handlers. In general, all generators, transporters, treaters, storers, and disposers of hazardous waste are required to provide information about their activities to state environmental agencies. These agencies, in turn pass on the information to regional and national EPA offices. This regulation is governed by the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984. RCRAInfo facilities that have reported violations and subject to corrective actions.

**RCRA TSD: EPA RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM**

TREATMENT, STORAGE, and DISPOSAL FACILITIES. - Database of hazardous waste information contained in the Resource Conservation and Recovery Act Information (RCRAInfo), a national program management and inventory system about hazardous waste handlers. In general, all generators, transporters, treaters, storers, and disposers of hazardous waste are required to provide information about their activities to state environmental agencies. These agencies, in turn pass on the information to regional and national EPA offices. This regulation is governed by the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984.

Facilities that treat, store, dispose, or incinerate hazardous waste.

**RCRA GEN: EPA/MA DEP/CT DEP** RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM GENERATORS - Database of hazardous waste information contained in the Resource Conservation and Recovery Act Information (RCRAInfo), a national program management and inventory system about hazardous waste handlers. In general, all generators, transporters, treaters, storers, and disposers of hazardous waste are required to provide information about their activities to state environmental agencies. These agencies, in turn pass on the information to regional and national EPA offices. This regulation is governed by the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984.

Facilities that generate or transport hazardous waste or meet other RCRA requirements.

LGN - Large Quantity Generators

SGN - Small Quantity Generators

VGN - Conditionally Exempt Generator.

Included are RAATS (RCRA Administrative Action Tracking System) and CMEL (Compliance Monitoring & Enforcement List) facilities.

CONNECTICUT HAZARDOUS WASTE MANIFEST - Database of all shipments of hazardous waste within, into or from Connecticut. The data includes date of shipment, transporter and TSD info, and material shipped and quantity. This data is appended to the details of existing generator records.

MASSACHUSETTES HAZARDOUS WASTE GENERATOR - database of generators that are regulated under the MA DEP.

VQN-MA = generates less than 220 pounds or 27 gallons per month of hazardous waste or waste oil.

SQN-MA = generates 220 to 2,200 pounds or 27 to 270 gallons per month of waste oil.

LQG-MA = generates greater than 2,200 lbs of hazardous waste or waste oil per month.

**Federal IC / EC: EPA** BROWNFIELD MANAGEMENT SYSTEM (BMS) - database designed to assist EPA in collecting, tracking, and updating information, as well as reporting on the major activities and accomplishments of the various Brownfield grant Programs.

FEDERAL ENGINEERING AND INSTITUTIONAL CONTROLS- Superfund sites that have either an engineering or an institutional control. The data includes the control and the media contaminated.

**ERNS: EPA/NRC** EMERGENCY RESPONSE NOTIFICATION SYSTEM (ERNS) - Database of incidents reported to the National Response Center. These incidents include chemical spills, accidents involving chemicals (such as fires or explosions), oil spills, transportation accidents that involve oil or chemicals, releases of radioactive materials, sightings of oil sheens on bodies of water, terrorist incidents involving chemicals, incidents where illegally dumped chemicals have been found, and drills intended to prepare responders to handle these kinds of incidents. Data since January 2001 has been received from the National Response System database as the EPA no longer maintains this data.

**Tribal Lands: DOI/BIA** INDIAN LANDS OF THE UNITED STATES - Database of areas with boundaries established by treaty, statute, and (or) executive or court order, recognized by the Federal Government as territory in which American Indian tribes have primary governmental authority. The Indian Lands of the United States map layer shows areas of 640 acres or more, administered by the Bureau of Indian Affairs. Included are Federally-administered lands within a reservation which may or may not be considered part of the reservation.

BUREAU OF INDIAN AFFAIRS CONTACT - Regional contact information for the Bureau of Indian Affairs offices.

**State/Tribal Sites: OH EPA** DIVISION OF EMERGENCY AND REMEDIAL RESPONSE DATABASE(DERR) - database of basic information regarding name and status in the Voluntary Action Program, for potentially contaminated sites that are maintained by district offices in Ohio.

**State Spills 90: OH EPA** SPILL LOCATIONS - database of spills reported to the Ohio Environmental Protection Agency since 1990.

**State/Tribal SWL: OH EPA** WASTE FACILITIES - The Database of all Compost and Demolition Debris,



Industrial and Residual Waste, Municipal Solid Waste Landfills and Municipal and Solid Waste Transfer Facilities are maintained by the Division of Solid and Infectious Waste Management.

**State/Tribal LUST: OH FMO** FACILITIES WITH ACTIVE RELEASES FROM REGULATED TANKS - database of leaking underground storage tanks reported to the Ohio Fire Marshal's office.

**State/Tribal UST/AST: OH FMO** LIST OF ACTIVE REGISTERED FACILITIES - database of all registered underground storage tanks.

**State/Tribal VCP: OH EPA** BROWNFIELD INVENTORY (Subset)- database of sites that have voluntary submitted information to the inventory as part of the Site Assessment and Brownfield Revitalization Program (SABR) and over seen by the Voluntary Action Program .

**State/Tribal Brownfields: OH EPA** BROWNFIELD INVENTORY - database of sites that have voluntary submitted information to the inventory as part of the Site Assessment and Brownfield Revitalization Program (SABR).

**RADON: NTIS** NATIONAL RADON DATABASE - EPA radon data from 1990-1991 national radon project collected for a variety of zip codes across the United States.

**State Other: US DOJ** NATIONAL CLANDESTINE LABORATORY REGISTER - Database of 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 U.S. Department of Justice ("the Department"), and the Department has not verified the entry and does not guarantee its accuracy. All sites that are included in this data set will have an id that starts with NCLR.

**State Other: OH EPA** WASTE FACILITIES SUBSET - database of all Compost Facilities, Infectious Waste, Scrap Tire Facilities, and Transfer Stations. The database also includes a historical Master Site Listing of all Hazardous Waste Inventory Sites.

***Environmental FirstSearch***  
***Street Name Report for Streets within .25 Mile(s) of Target Property***

**Target Property:** FORMER NEWARK AFB  
HEATH OH 43056

**JOB:** 09-E-15446

<b>Street Name</b>	<b>Dist/Dir</b>	<b>Street Name</b>	<b>Dist/Dir</b>
Irving Wick Dr W	0.18 NE		



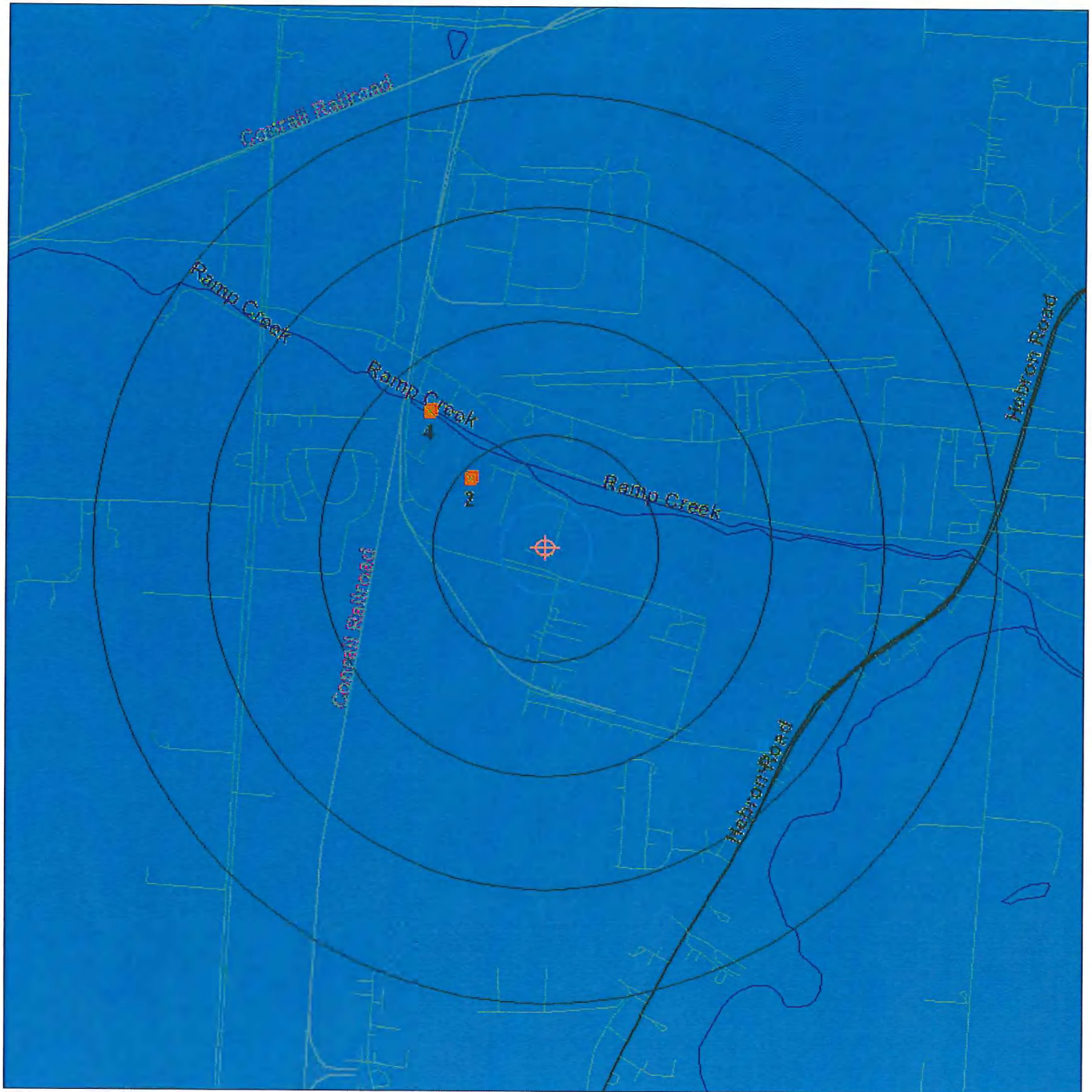
# Environmental FirstSearch

1 Mile Radius

ASTM-05: NPL, RCRACOR, STATE



## FORMER NEWARK AFB , HEATH OH 43056



Source: 2005 U.S. Census TIGER Files

Target Site (Latitude: 40.018883 Longitude: -82.468269) .....

Identified Site, Multiple Sites, Receptor .....

NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste

Triballand.....

Railroads .....

Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius





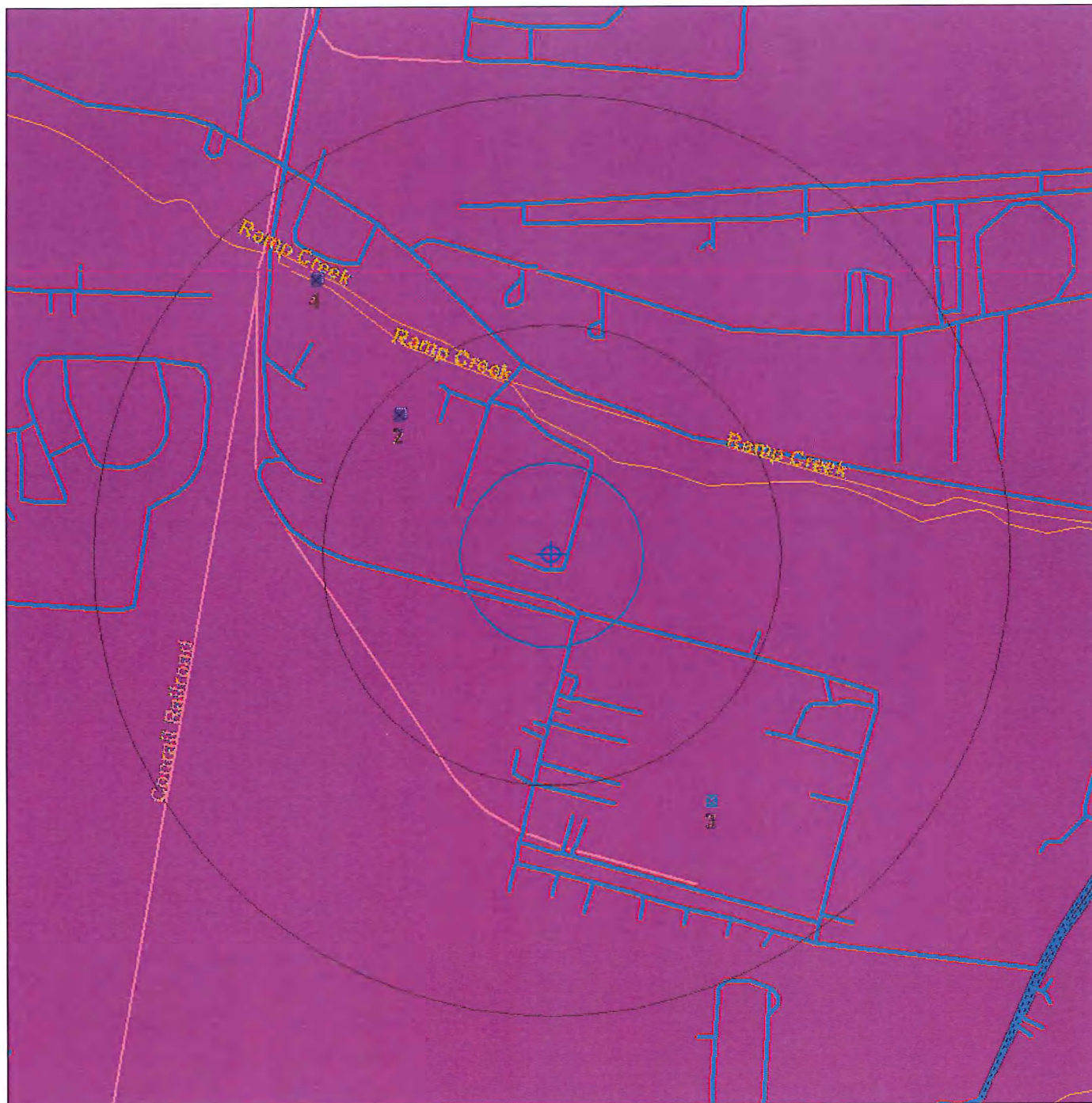


# Environmental FirstSearch

.5 Mile Radius  
ASTM-05: Multiple Databases



## FORMER NEWARK AFB , HEATH OH 43056



Source: 2005 U.S. Census TIGER Files

Target Site (Latitude: 40.018883 Longitude: -82.468269) .....

Identified Site, Multiple Sites, Receptor .....

NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste .....

Farmland .....

Railroads .....

Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius







# Environmental FirstSearch

.25 Mile Radius

ASTM-05: SPILLS90, RCRA GEN, ERNS, UST



**FORMER NEWARK AFB , HEATH OH 43056**



Source: 2005 U.S. Census TIGER Files

Target Site (Latitude: 40.018883 Longitude: -82.468269) .....

Identified Site, Multiple Sites, Receptor .....

NPPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste .....

Wetland .....

Railroads .....

Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius



675 Price Road  
Newark, OH 43055  
740-349-6535  
740-349-6510 Fax

## Licking County Health Department

# Fax

<b>To:</b> Mike Lacher	<b>From:</b> - Richele Piper
<b>Fax:</b> 614-895-1171	<b>Pages:</b> 7
<b>Phone:</b>	<b>Date:</b> 11-04-09
<b>Re:</b> Records request	<b>CC:</b>

---

☐ Urgent   
 ☐ For Review   
 ☐ Please Comment   
 ☐ Please Reply   
 ☐ Please Recycle

• **Comments:**

Per our telephone discussion; I am sending the maps from the former Kaiser site and the info on 7791 Taylor Rd.

If you have questions, or need additional info, please contact me.

Richele Piper

Registered Sanitarian

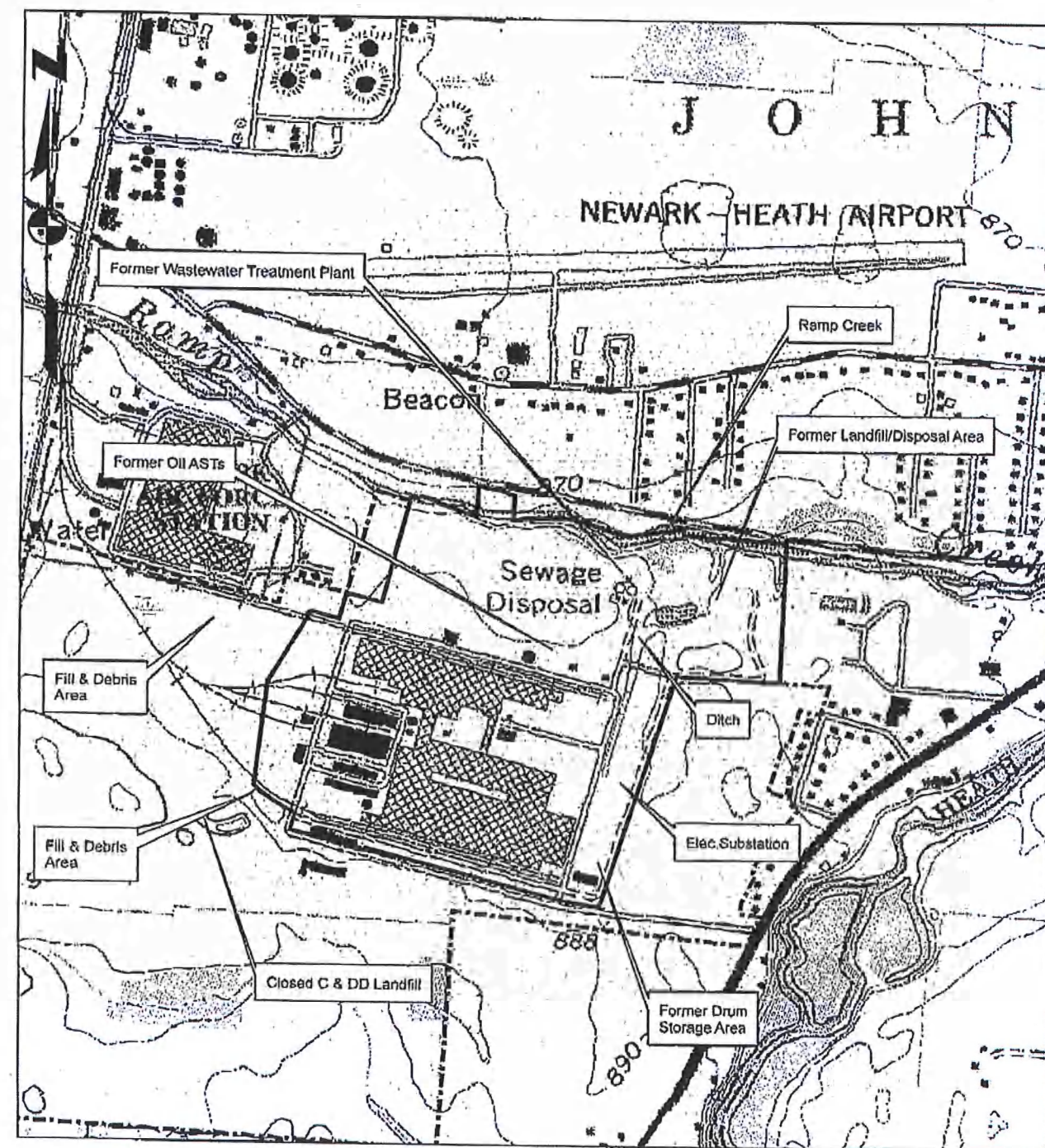
Phone: 740-349-6504

Email: [rpiper@lickingcohealth.org](mailto:rpiper@lickingcohealth.org)

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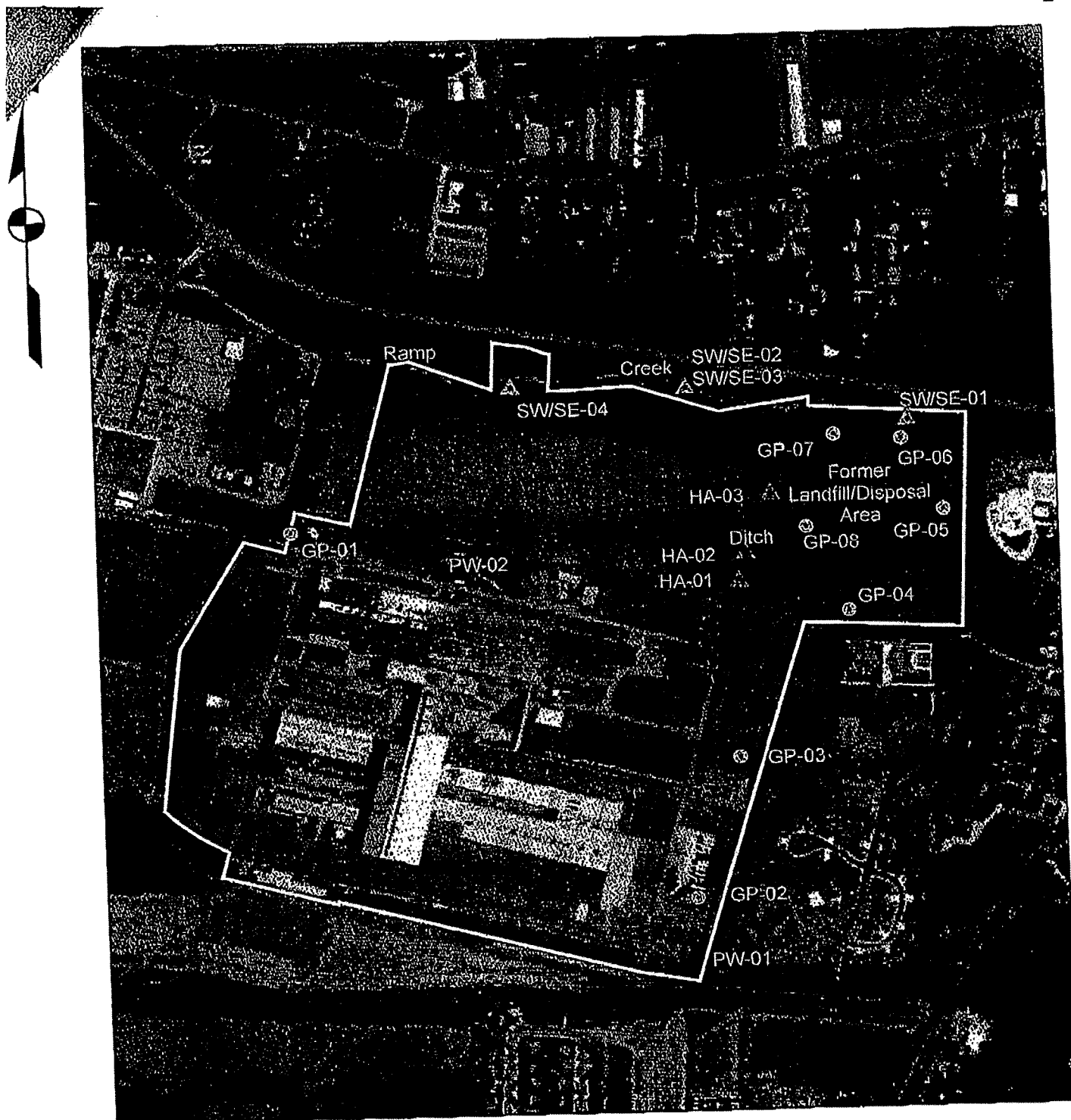




## Ohio EPA

State Site Assessment  
Kaiser Aluminum  
Fabricated Products, LLC  
Site Features

**Figure 2**



0 250 500 1,000 1,500 2,000 Feet

- ⊙ Geoprobe Soil / Ground Water Sample
- ▲ Hand Auger Soil Sample
- ▲ Surface Water/Sediment Sample
- Supply Well Sample

**Ohio EPA**  
 State Site Assessment  
 Kaiser Aluminum  
 Fabricated Products, LLC  
 2005 Sample Locations

**Figure 3**

## TELEPHONE CONVERSATION LOG

Date of Conversation: 11/3/09 Time: 7:50 AM/PM

Conversation With: Roxelle Telephone No: 714.349.6536

Their Affiliation: Living County Health Dept. Project No: 05-F-15416

Notes:

US+OH FDA: Files on Record: Also USAF Staff

She'll check on any of their records to see if they  
have stuff that only they have. She'll call back

Interviewer: ML



Previous Environmental Assessment and Other Documents Reviewed for the Phase I ESA:

- *Site Inspection NAFB*, July 31, 1989 by Dames & Moore, Inc.;
- *RCRA Closure Plan, Facility 87, NAFB*, August 18, 1989 by Dames & Moore, Inc.;
- *RCRA Closure Report, Facility 87, NAFB*, March 29, 1991 by Dames & Moore;
- *Remedial Investigation Report NAFB*, August 9, 1991 by Dames & Moore, Inc.;
- Ohio EPA letter to NAFB regarding Preliminary Assessment, June 15, 1992;
- *Hydrogeologic Investigation, Risk Assessment, and Remedial Alternatives Evaluation for the Former Facility 87 Area at the NAFB*, April 1993 by R.E. Wright Associates, Inc.;
- *Operation and Maintenance Manual for Soil Vapor Extraction System*, April 1996 by Earth Tech;
- Air Force Center for Environmental Excellence to NAFB regarding 60-day notice of intent to change design of remediation system, October 7, 1996;
- *1996 Annual Groundwater Monitoring Report, Former Facility 87*, March 1997 by International Technology Corporation;
- Ohio EPA Letter to Central Ohio Aerospace & Technology Center regarding Completion of Closure, May 2, 1997;
- *Amended Post Closure Plan Former Facility 87*, March 1999 by International Technology Corporation;
- *Final Evaluation of Alternatives for Remediating Groundwater at Former Facility 87*, July 28, 2000 by IT Corporation;
- *Final Work Plan – Technology Application for Enhanced In Situ Bioremediation of Chlorinated Aliphatic Hydrocarbons Via Organic Substrate Addition for Site FF-87*, August 2001 by Parson Engineering Science, Inc.
- Ohio EPA letter to AFBCA/DB Rickenbacker regarding acceptance of installation and operation of injection wells, August 29, 2001;
- *Final Report for the Technology Application for Enhanced In Situ Bioremediation of Chlorinated Aliphatic Hydrocarbons Via Organic Substrate Addition for Site FF-87*, January 30, 2002 by Parsons;
- *2002 Annual Groundwater Monitoring Report Former Facility 87*, February 2003, by IT Corporation;
- *Semi-Annual Groundwater Corrective Action Effectiveness Report*, October 2004 by Shaw Environmental, Inc.;
- *Semi-Annual Groundwater Corrective Action Effectiveness Report*, June 2006 by Parsons;



Previous Environmental Assessment and Other Documents Reviewed for the Phase I ESA:

- Amended Post Closure Plan Former Facility 87, January 2004 (updated for 2006 Amendments) by Shaw Environmental, Inc.;
- *Former Facility 87 Source Removal Draft Work Plan – Part A*, May 2007 by Parsons;
- *Annual Groundwater Report for January through December 2007*, February 2008;
- *Former Facility 87 Source Removal Final Work Plan – Part B*, August 2008 by Parsons;
- *Former Facility 87 Source Removal Construction Completion Report*, August 2009 by Parsons;
- *Supplemental Environmental Baseline Survey (SEBS) for Parcel 1b*, September 2009 by AFRPA/BPM-Loring;
- *Finding of Suitability to Transfer (FOST)*, September 2009;
- US EPA letter to AFRPA regarding Finding of a Remedial Action Operating Properly and Successfully dated September 21, 2009; and
- Ohio EPA letter to AFRPA regarding draft SEBS and FOST dated October 6, 2009.



TABLE 1

Maximum Inventory Over Active Life of Flammable Cabinet<sup>a</sup>

Waste Description/ Chemical Name	RCRA Hazardous Waste Code	Maximum Inventory
Epichlorohydrin	U041	1 gal
Coating Compound	D001	1 gal
Silver Enamel	D001	12.7 ounces
Liquid Flux	D001	2 ounces
Polyamide Resin Part A	D001	3 gal
Polyamide Resin Part B	D001	3 gal
	Subtotal	8 gal
		14.9 ounces
<b>Other Wastes<sup>b</sup>:</b>		
Primer Coating	--	7 gal
Acrylic Resin	--	1 gal
Glystol Adhesive	--	0.2 gal
Soldering Flux	--	16 ounces
	Subtotal	8.2 gal
		16 ounces
	Total <sup>c</sup>	16.2 gal
		30.9 ounces

<sup>a</sup> Flammable cabinet was installed in Facility 87 in January 1989. Data represents maximum amounts for each waste stored from the initial date of operation till present.

<sup>b</sup> Other wastes are wastes for which RCRA hazardous waste codes could not be assigned.

<sup>c</sup> Total quantities of RCRA and other wastes stored in Flammable cabinet.



TABLE 2

Maximum Inventory Over Active Life of Conex Cabinets<sup>a</sup>

Waste Description/ Chemical Name	RCRA Hazardous Waste Code	Maximum Inventory
Sodium Azide	D003	4 lbs
Cerium (ous) Chloride	D003	0.5 lbs
Cadmium Oxide	D006	0.7 lbs
Arsenic Trioxide	P012	0.5 lbs
Cerium (ic) Sulfate-Purified Anhydrous	D003	0.5 lbs
Stontium Nitrate	D003	0.4 lbs
Mercuric Sulfate	D009	3.3 lbs
Titanum Tetrachloride	D002	0.9 lbs
Tetraisopropyl Titarate	D002	1.3 lbs
Manganese Nitrate	D003	1.7 lbs
Potassium Ferrocyanide	P098	1.4 lbs
Zirconyl Nitrate	D003	0.7 lbs
Varityper 3225 Tank Cleaner (contains sulfuric acid)	D002	5.0 lbs
Mercury	U151	23.4 lbs
Calcium Nitrate	D003	1.7 lbs
Lithuim Nitrate	D003	0.5 lbs
Ammonium Nitrate	D003	1.4 lbs
Sodium Nitrate	D003	1.2 lbs
Potassium Nitrate	D003	1.8 lbs
Potassium Chloride	D003	6.7 lbs
Potassium Perchlorate	D003	0.4 lbs
Thallium Sulfate (100%)	P115	0.4 lbs
Arsenic Acid	P011	0.8 lbs
Selenous Acid	U204	0.3 lbs
Nitroaniline	P077	0.6 lbs
Brucine	P013	0.4 lbs
Barium Hydroxide	D005	1.4 lbs
Stable Karl Fischer	D001	3.0 lbs
Titant T-1 (Iodine, ethyl benzene, o-dimethyl benzene, p-demethyl benzene, m-dimethyl benzene)		
Diethanol Amine (100%)	D003	1.1 lbs
Carbon Tetrachloride	U211	22 lbs
Naphthalene (100%)	U165	2 lbs
Phosphorous Pentoxide	D002, D003	3.2 lbs
Pyridine	P075	0.9 lbs
Benzene	U019	1 gal
Aniline	U012	0.2 gal
Adhesives	D001	6.7 lbs
PC Board Solutions (developing and stripping solutions)	D001	3.2 lbs

TABLE 2 (cont'd)

Waste Description/ Chemical Name	RCRA Hazardous Waste Code	Maximum Inventory
2,9-Dimethyl-4,7-diphenyl-1, 10 Phenathiole-x,x-disulfonic acid, disodium salt	—	0.1 lbs
Chloramine Yellow	—	0.1 lbs
Rhodizonic Acid Sodium Derivative	—	0.1 lbs
Cacotholine (100%)	—	0.1 lbs
Rhodizonic Acid Potassium Salt (100%)	—	0.1 lbs
Acid Phosphomolybdic	—	0.2 lbs
1-(2-Hydroxy-1-naphylazo)- 2-naphthol-4-sulfonic acid zinc salt (practical)	—	0.2 lbs
p-Diphenylamine sulfonic	—	0.6 lbs
Thymol (100%)	—	0.5 lbs
2,5-Dichlorobenzene sulfonic acid (100%)	—	0.3 lbs
1,2-Naphthoquinone-4-Sulfonic Acid	—	0.3 lbs
Sodium Hydrosulfite (100%)	—	1.4 lbs
Thioglycolic acid (mercaptacetic acid)	—	0.5 lbs
4,5-Dihydroxy-2,7-naphthalene disulfonic acid disodium salt	—	0.3 lbs
Karl Fischer Solvent (methanol free - 2-methoxyethanol, methyl sulfite, sulfur dioxide)	—	3.0 lbs
Dimethylsulfoxide (DMSO)	—	30 gal
Tetraethylene glycol diethyl ether (dimethoxytetraglycol)	—	10 gal
Silicon oil	—	5 gal
Acetic Anhydride	—	6.6 lbs
Sodium hydroxide and asbestos	—	0.3 lbs
Cupric nitrate	—	1 lbs
Bleach fix	—	5 gal
Rhodamine (Ethylene glycol)	—	2.5 lbs
Resins (Part A and B)	—	12 lbs
Oakite Stripper (Types 156, DP, SA)	—	0.3 lbs
Liquid cement	—	0.2 lbs
Penetrant	—	2.5 lbs
Benzaldehyde	—	0.3 gal
Stripper	—	5 gal
Primer	—	0.2 lbs

TABLE 2 (cont'd)

Waste Description/ Chemical Name	RCRA Hazardous Waste Code	Maximum Inventory	
Reversing Film Developer	D001	1	lb
1-2577 Conformal Coating	D001	2	lbs
Rubber Cement	D001	1.3	lbs
Inspection Penetrant Developer	D001	3.0	lbs
Paint (Spray and gray laquer)	D001	2	lbs
Kerosene Substitute	D001	1	gal
Protective Coatings	D001	0.2	lbs
	Subtotal	113.5	lbs
		2.2	gals
<u>Other Wastes<sup>b</sup>:</u>			
Aluminum Dyes (HLW-Black and GWL-Red)		10	lbs
Solvent Cellosolve Acetate (Ethylene glycol monobutyl, ether acetate)	--	2	gals
Lead Waste	--	0.7	lbs
Antimony Pentachloride	--	0.3	lbs
Zirconium Sulfate (Purified)	--	0.6	lbs
Aluminum Hydroxide (Alumina trihydrate)	--	3.3	lbs
Ferrous Sulfide	--	2.0	lbs
Dimethylglyoxine (100%)	--	0.9	lbs
Molybdic Anhydride	--	0.6	lbs
Stannous Chloride	--	0.6	lbs
Zinc Sulfate	--	0.1	lbs
Kodak Photo-Flo 200 Solution (100%)	--	1	lb
Cobalt Chloride (100%)	--	6	lbs
Strip X (Methylene Chloride)	--	2.1	lbs
Beck B-251-CW Stripper	--	0.2	lbs
Ferric Chloride	--	3	lbs
Calcium Oxide	--	2	lbs
Calcium Oxadate	--	0.5	lbs
Ammonium Phosphomolybdate, CP (Ammonium Reagent)	--	0.5	lbs
Magnesium Oxide (Powder)	--	1	lb
Monochloroacetic Acid	--	4.9	lbs
Methyl Salicylate	--	1.7	lbs
8-Hydroxy-7-iodo-5- quinoline sulfonic acid	--	0.8	lbs
Methylene Blue Double Zinc Salt	--	0.2	lbs



TABLE 2 (cont'd)

<u>Waste Description/ Chemical Name</u>	<u>RCRA Hazardous Waste Code</u>	<u>Maximum Inventory</u>
Sealing Compound	—	0.1 lbs
Corrosion resistant coating	—	4 gals
	Subtotal	78.3 lbs
		61.3 gal
	Total <sup>c</sup>	191.8 lbs
		63.5 gal

<sup>a</sup> Conex shed was installed in Facility 87 in March 1988. Data represents maximum amounts for each waste stored from the initial date of operation till present.

<sup>b</sup> Other wastes are wastes for which RCRA hazardous waste codes could not be assigned.

<sup>c</sup> Total of RCRA and other wastes stored in Conex cabinet.

TABLE 3

Maximum Inventory from 1983-1989 in Main Body of Facility 87

Waste Description/ Chemical Name	RCRA Hazardous Waste Code	Maximum Inventory (gallons) <sup>a</sup>
Waste paint solvents	D001	561
Isopropyl alcohol, water mixtures	D001	350
Freon, oil mixtures	F002	50
Various mixtures of trichloro- ethane, freon, hexane	F001, F002	28,510
Various mixtures of trichloro- ethane, isopropyl alcohol, freon, water	D001, F001, F002	5,500
Various mixtures of freon, trichloroethane, acetone, diocyl phthalate, petroleum oil, water	F001, F002, F003	2,000
Various mixtures of trichloro- ethane, toluene, freon, methyl ethyl ketone, damping fluids	F001, F002, F005	400
Mixtures of acetone, isopropyl alcohol, water	D001, F003	1,032
Mixtures of acetone, water	F003	100
Various mixtures of isopropyl alcohol, trichloroethane, acetone, freon, water, petro- leum distillates, hexanes	D001, F001, F002, F003	5,174
Various mixtures of trichloro- ethane, freon, acetone, isopropyl alcohol, toluene, methyl ethyl ketone, hexane, amyl acetate, mineral spirits, petroleum distillates, other volatiles (methyl ethyl ketone, benzene, etc), isobutyl acetate, isobutyl alcohol, hydrocarbon oil, heptane, water, methyl alcohol	D001, F001, F002 F003, F005	11,679
Various metals, photographic solution, DMSO, nitric acid contaminated with D008, bead blast, battery acid—chromium, silver, cadmium, lead, arsenic, mercury, selenium	D004, D006, D007, D008, D009, D010, D011	1,815
Various mixtures of freon, trichloroethane, isopropyl alcohol, toluene, acetone, petroleum distillates, halogenated compounds, other volatiles	D001, F001, F002, F003	700

TABLE 3 (cont'd)

Waste Description/ Chemical Name	RCRA Hazardous Waste Code	Maximum Inventory (gallons)
Various mixtures of freon, acetone, trichloroethane petroleum distillates, toluene, trimethyl benzene, pentanoic acid	F001, F002, F003, F005	50
Sodium chromate, water	D007	150
	Subtotal	58,071
<u>Other Wastes<sup>b</sup></u>		
FC-77, damping fluid	—	50
Miscellaneous non-volatile organics	—	50
Mineral spirits, turpentine	—	50
Chromic acid	—	300
Waste oil	—	200
Asbestos	—	1,608 lbs
	Subtotal	650
	Total <sup>c</sup>	58,721 1,608 lbs

<sup>a</sup>All units in gallons except where noted.

<sup>b</sup>Other wastes are wastes for which RCRA hazardous waste codes could not be assigned.

<sup>c</sup>Total of RCRA and other wastes stored in main body of Facility 87 from 1983 to 1989.



# **APPENDIX D**

## **SITE RECONNAISSANCE AND OTHER INFORMATION**

## USER QUESTIONNAIRE

Geotechnical Consultants, Inc. (GCI) is proposing a Phase I Environmental Site Assessment (ESA) report for the property identified in the accompanying proposal. As part of the Phase I ESA we request the client provide GCI with a drawing showing the property location, boundaries, and buried utilities; owner, property manager or occupant information; and responses to the questions below. Please respond by one or more of the following:

Facsimile: (614) 895-1171; E-mail: [gci@gci2000.com](mailto:gci@gci2000.com); U.S. mail: GCI, 720 Greencrest Dr., Westerville, OH 43081; or Telephone to the sender: (614) 895-1400

What is the reason for performing this Phase I ESA?

- ☐ Financing      ☐ Refinancing      ☒ Property transfer      ☐ Personal use  
☐ Other \_\_\_\_\_

Can you provide GCI with title record information pertaining to the property?

- ☐ No    ☐ Yes (If yes, when can GCI receive the information?)

Do you or your company have knowledge of any environmental liens at the property?

- ☒ No    ☐ Yes (if yes, please explain)

Do you or your company have knowledge of activity and/or land use limitations placed on the property such as engineering or institutional controls?

- ☐ No    ☒ Yes (if yes, please explain) *Land use controls i.e. no potable water wells, daycares, residential restriction*

Do you or your company have specialized knowledge of recognized environmental conditions<sup>1</sup> (such as releases of hazardous chemicals/materials or petroleum) regarding the property or property vicinity?

- ☐ No    ☒ Yes (if yes, please explain) *This property has been under various plans*

Do you or your company have knowledge of the property that would indicate a value reduction in price due to environmental conditions? *The transfer of this property will be a*

- ☒ No    ☐ Yes (if yes, please explain) *no fee no cost transfer.*

Are you or your company aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional assess the property?

- ☐ No    ☒ Yes (if yes, please explain) *There is a rather large file available on this property as it pertains to environmental conditions.*

Are you or your company, based on your knowledge and experience to the site, aware of any obvious indicators that point to the presence or likely presence of contamination at the property?

- ☐ No    ☒ Yes (if yes, please explain) *Documented in numerous reports and studies*

*David A. Hoadley*  
Signature

*Oct. 1, 2009*  
Date

Thank you!

<sup>1</sup> If you or your company have any questions about a recognized environmental conditions (RECs), GCI can provide you with a more detailed questionnaire. Additionally, if requested, GCI can take your responses by personal or telephone interview.



**Photo 1 – October 23, 2009:** Viewing westerly across the northern part of the property. The clusters of rocks were placed around monitoring wells.



**Photo 2 – October 23, 2009:** Viewing southerly along the eastern part of the property. James Parkway is shown on the left.





**Photo 3 – October 23, 2009:** Viewing easterly across the southern part of the property. The area of exposed soil was the location of a recently removed building.



**Photo 4 – October 23, 2009:** Viewing northerly across the western part of the property.





**Photo 5 – October 23, 2009:** Viewing southerly across the western part of the property.



**Photo 6 – October 23, 2009:** Viewing easterly across the northern part of the property.

## **Appendix B.**

### Agency Correspondence



## Jaclyn Haynal

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**From:** Jones, Kayla <kjones@lcounty.com>  
**Sent:** Friday, March 24, 2017 1:59 PM  
**To:** Jaclyn Haynal  
**Subject:** RE: Agricultural District Inquiry  
**Attachments:** Agricultural District.pdf

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Jackie-

Please see my **answers** below next to each parcel. I have also attached a description of the Agricultural District program for your reference. The Ag District program has the same qualifications as the CAUV program so typically (but not exclusively) parcels enrolled in Ag District are also enrolled in CAUV and are commercially farmed. Let me know if you have any questions.

Thanks!

**Kayla M. Jones**  
**Director, CAUV and Ag District Programs**  
**Deputy Auditor, Oil and Gas Taxation**  
**Licking County Auditor's Office**  
**20 S. Second Street**  
**Newark, OH 43055**  
**740-670-5050**

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**From:** Jaclyn Haynal [mailto:jhaynal@hullinc.com]  
**Sent:** Friday, March 24, 2017 12:54 PM  
**To:** Jones, Kayla  
**Subject:** Agricultural District Inquiry

Hello Kayla,

Below are the parcels that I am interested in determining if they are included in an Agricultural District. Some of the parcels are developed and are most likely not included in an Ag. District, but I included them just to be sure. I appreciate your help!

030-089136-00.001 (HNLCPA Property) **No**  
030-089136-00.007 (Southgate Corp. Property) **No**  
030-089136-00.001 (HNLCPA Property) **No... same parcel as above...**  
030-087710-00.000 (HNLCPA Property) **No**  
030-089154-00.002 (HNLCPA Property) **No**  
030-087710-00.002 (HNLCPA Property) **No**  
030-089124-00.000 (Mustang Property Investments LLC Property) **No**  
030-088182-00.002 (Chester, Timothy L and Dawn P. Property) **No**  
030-099846-02.000 (NGO Transmission Inc. Property) **No**

Thank you,

**JACKIE** Haynal, WPIT, AWB®  
Scientist II

## **Jobs Henderson**

A HULL COMPANY

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**This foregoing document was electronically filed with the Public Utilities**

**Commission of Ohio Docketing Information System on**

**10/4/2017 5:16:35 PM**

**in**

**Case No(s). 17-1994-GA-BLN**

Summary: Letter of Notification Pipeline Replacement Project (Line 3-F), City of Heath, Licking County, Ohio (Part 1) electronically filed by Ms. Lija Kaleps-Clark on behalf of NGO Transmission, Inc.